PROJECT MANUAL

For Renovation of:

EAST POINT HOUSING AUTHORITY EXPANSION

ATLANTA, GEORGIA

OUTLINE MATERIAL SPECIFICATIONS

CUT SHEET BOOK PROJECT NO: 202005.01

Prepared For: 3056 NORMAN BERRY DR, EAST POINT, GA 30344



FINAL CONSTRUCTION DOCUMENTS/ BID SET

Date:06.04.2021



MATERIAL SPECIFICATIONS

(CUT SHEET BOOK)

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SPECIFICATIONS

08 40 00 ENTRANCES, STOREFRONTS, AND CURTAIN WALLS

ALUMINUM FRAMED FOLDING / PAIRED GLASS PANEL SYSTEM

The Aluminum Framed Monumental Folding/Paired Panel System

The SL45 is a monumental, standard aluminum folding or paired panel system. As a folding system, it is designed to provide an opening glass wall up to 43' wide. With additional paired panels, the width can be virtually unlimited with adequate support by others. It is a top hung system.

For benefits of all NanaWall systems, see the "General Introduction" section. For features common to aluminum folding systems, see the "Aluminum Folding Systems" Introduction.

Stacking Configurations for Special Applications

Options exist for a variety of configurations: FoldFlat® against adjacent wall, all inward-opening panels, all outward-opening panels, some panels opening in and some panels opening out, or center-pivoted panels. Unhinged paired panel options give maximum stacking flexibility. In addition, angled units of 90° and 135° or segmented units allow designers to create large bay or "curved" openings. To see these operable wall concepts in action, visit www.nanawall.com and click the "Animations" link.

Monumental Sized System

Monumental sized panels are possible, with frame heights up to 9'6" and panel widths up to 3'7". Heavier and/or thicker glass (such as bullet-resistant laminated glazing) can be used (limitations on panel sizes).

Florida Approval

The SL45 straight system with panel size of up to 36" x 98" is Florida statewide approved with Product Approval number FL 24518. This information can be viewed at http://www.floridabuilding.org

NFRC-Approved Thermal Performance

The SL45 has been rated, certified and labeled in accordance with NFRC 100 and 200; see the "Performance and Testing Results" section for more details.

Acoustical Performance

The SL45 system has been tested by an independent acoustic lab for acoustic performance. The SL45 with STC 40 laminated glass achieved STC and Rw values of 36.

Rated Swing Panel

The Swing panel(s) or Egress door(s) within the system has been engineered for "normal" commercial traffic and has been independently tested to half a million opening and closing cycles per AAMA 920.







General Description

The SL45 is a monumental, standard aluminum folding system designed to provide an opening glass wall or storefront up to 43' wide and a paired panel system for unlimited total width with adequate support by others; see Maximum Size Chart. The folding system is available in various configurations utilizing one to twelve panels or more with unhinged pairs of panels; see elevation drawings. The option exists for swing entry/exit panel(s), but note panel size constraints with a swing panel not hinged to a side jamb. There are many design possibilities; units can be either: all inward-opening or all outward-opening; some panels inward-opening and some panels outward- opening; panels can be center-pivoted; see details in section drawings.

Frame and Panels

The nominal extruded aluminum frame and panel thickness is 1 3/4" (45 mm); see section drawings. In addition to the choices from the NanaWall Powder Coating Finish Chart, the full range of RAL high gloss and matte powder coatings are available. Anodized and flouropolymar kynar painted finished are also available; see "Aluminum Finish Options" in the General Introduction.

Panels are pre-assembled, and all pins and screws needed to assemble frames are provided. On a folding pair of panels hinged to a side jamb, the panel hinged to the side jamb is 2" (52 mm) narrower in nominal width than the other panels.

Besides the standard sill that can match the frame finish, various flush sills (shown in section drawings) are available as an option in a clear or dark bronze anodized finish.

Glazing

Units can be supplied either glazed with 1/4" (6 mm) single tempered or laminated glass; or 3/4" (20 mm) clear insulating tempered or insulating Low-E tempered glass or other high performing safety glass such as Heat Mirror, special tint, etc., or other glass on request. See "Glazing" in the General Introduction for other glass thickness possible. Various tints and Low E coatings are available.

Weatherstripping

All weatherstripping (consisting of EPDM or brush seals) is provided for sealing between panels and between panel and frame; see section drawings.

Sliding/Folding Hardware

For sliding and folding each pair of panels, a patented, load-bearing, upper-running carriage is attached to the upper corner of a panel; see section drawings. Attached to the lower corner is a lower-running carriage as a guide. The double pair, twin-tandem, upper-running carriage is constructed to ensure even pressure distribution on all four rollers. Rollers have sealed bearings and are coated with toughened Polyamide to ensure a quiet running and optimal resistance to extreme. Two to five hinges per connection are provided to connect panels together and to connect panels to frames. Finish for zinc die cast hinges would be closest powder coat match to panel profile. Available as an option are stainless steel hinges.

Locking Hardware and Handle Options

For each pair of folding panels (except for the pair to be opened first in a unit with no swing panel) and on the secondary swing panel, provided is two point locking hardware consisting of top and bottom Polyamide capped locking rods operated by a 180° turn of a flat handle on the inside only.

If there is a **swing panel**, there are the following hardware options on the main entry panel:

- 1. Multi-point Locking. Consisting of lever handles on both sides, a lockset, lockable latch, deadbolt and rods at the top and the bottom. After turn of key or thumbturn, depression of handles withdraws latch, lifting of engages rods and turn of key or thumbturn engages deadbolt and locks. Available with profile cylinder or with SFIC adapter.
- 2. Deadbolt Lock. Consisting of push/pull handles on both sides with deadbolt(s) operated by a lockset. Turn of key or thumb turn operates lock. Available is a lockset option of having key operation on both sides. To keep the panel closed, a door closer should be field installed, but note that a door closer can only be installed for a swing panel that is attached to the side jamb.
- 3. Single Action, Emergency Access, Interconnected Locking. Consisting of special lever handles on both sides, a lockset, a lockable latch and a deadbolt. From the inside, depression of handle withdraws deadbolt and latch. The one



point locking is sufficient for interior use.

To meet wind load requirements for exterior use during high wind conditions, additional one point locks operated by separate handles can be provided at the top and bottom. In severe storm conditions, these can be engaged; however, the locking no longer qualifies for emergency access during this instance.

4. No Hardware. For panic hardware to be installed by others, the main entry panel can be supplied with no locking hardware. With this option, the tested applicable design windload pressures will not be applicable.

For a unit with no swing panel, on the folding pair to be opened first, provided is two point locking hardware consisting of top and bottom Polyamide capped locking rods operated by a 180° turn of an L-shaped handle for an inward opening unit and a flat handle for an outward opening unit on the inside. In both cases, there will be a flat handle on the outside. Lockable with a lockset. Turn of key or thumb turn operates lock. Please note that for an outward opening unit, locking from the inside will need to be with a key that may not meet egress requirements.

For a unit where locking/handles on the inside only is desired, like in window applications, on all swing panels or pair of folding panels to be opened first, provided is two point locking with a flat handle on the inside only.

Handle Finish Schemes:

Standard - Stainless steel lever, flat, and L-shaped handles in brushed satin or black titanium finish.

Push/pull handles are in brushed stainless steel.

Optional - Brass lever handles in oil rubbed, satin nickel or white finish and flat handles closest powdercoat match to panel aluminum finish.



Low Profile Saddle Sill

| | JL40 | | | | |
|---|--|---|-----------------------------|--|--|
| TYPE OF TEST | INWARD OP | ENING UNITS | OUTWARD O | PENING UNITS | |
| Air Infiltration ASTM E-283, cfm/ft² | @ 1.6 psf (75 Pa): 0.25 | | | osf (75 Pa): . 25 | |
| Water Penetration ^① ASTM E-547 | No uncontrolled water entry @ 3.76 psf (180 Pa) subject to the following adaptations of the sill in the field by others: 1. Remove the gaskets covering the inner channel. 2. Drill weep holes through the bottom of this channel (about one 3/8" weep hole per panel.) 3. Drill weep holes through the lower front face of the sill to drain water collected to a lower point (about one 3/8" circular weep hole per panel.) Please note that due to varying site requirements and conditions, these sills will not be prepared for drainage by Nana Wall Systems, Inc. If this drainage system is desired, we recommend that a qualified professional construct this system on the project site strictly in accordance with NanaWall instructions and good waterproofing techniques. Note that in some applications drain connections may not be possible. | | | | |
| Structural Load Deflection ASTM E-330: pass See Design Windload Charts for other sized panels Note that the structural test pressures were 50% higher than the design pressures. | Positive @ 35 psf (1765 Pa) | PRESSURE Positive @ 35 psf (1765 Pa) | Positive @ 35 psf (1765 Pa) | PRESSURE Positive @ 35 psf (1765 Pa) | |
| Operation / Cycling Performance [©] AAMA 920 | For swing panel attached to the side jamb: 500,000 cycles - pass | | | | |
| Forced Entry Resistance ^① | In accordance with AAMA-1303.5 and CAWM 300 requirements. | | | irements. | |



Low Profile Saddle Sill SL45



The SL45 with STC 40 laminated glass acheived STC and Rw values of 36.

- ① Excerpts of results of a 9' 6" W x 8' 6½" H three panel unit with saddle sill tested by Architectural Testing, Inc., Fresno CA an independent testing laboratory in August 2006.
- ② Excerpts of results of a system tested by Architectural Testing, Inc., Fresno CA, an independent testing laboratory in April 2012.
- ① Excerpts of results of a unit tested by Nusing Mobile Trennwandtechnile, Munster, Germany, an independent testing laboratory in December 2011.



Thermal Performance

Rated, certified and labeled in accordance with NFRC 100 + 200

| TYPE OF GLASS (1 LITE) ^⑤ | CENTER OF GLASS U-FACTOR | IG GLASS THICKNESS | UNIT U-FACTOR | SHGC [®] | VT ^⑦ |
|--|-----------------------------|-----------------------|---------------|-------------------|-----------------|
| Double IG Clear (air filled) | .48 | 13/16" (20 mm) | .68 | .55 | .57 |
| Double IG Low E (argon filled) | .26 | 13/16" (20 mm) | .52 | .22 | .45 |
| Double IG Low E (air filled) | .30 | 13/16" (20 mm) | .55 | .22 | .45 |
| Double IG Low E on #2/#4 surfaces (argon filled) | .91 | 13/16" (20 mm) | .48 | .21 | .43 |
| Double IG Low E on #2/#4 surfaces (air filled) | .24 | 13/16" (20 mm) | .51 | .21 | .43 |
| 1/4" Single Glazed | _ | 1/4" (6 mm) | 1.05 | .61 | .63 |
| 1/4" Single Low E on the interior surface | _ | 1/4" (6 mm) | .79 | .39 | .45 |

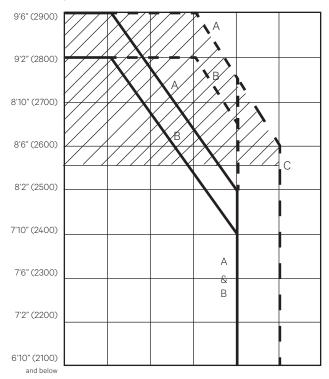
NOTES

⑤ NFRC simulated U factors of units with a horizontal mullion will have values of .01 to .03 higher than units with no horizontal mullion. Please contact NanaWall for details. SHGC = Solar Heat Gain
 Coefficient
 VT = Visible Transmittance

Call NanaWall for U-Factor & SHGC for other glass types



FRAME HEIGHT OF UNIT



| 1 | 1'11" (600) | 2'3" (700) | 2′7" (800) | 2'11" (900) | 3'3" (1000) | widths not possible |
|----|----------------|---------------|---------------|----------------|----------------|---------------------|
| 2 | 3'11" | 4'7" | 5'3" | 5'10" | 6'6" | 7'2" |
| | (1200 | (1400) | (1600) | (1800) | (2000) | (2200) |
| 3 | 5"10" | 6'10" | 7'10" | 8'10" | 9'10" | widths not |
| | (1800) | (2100) | (2400) | (2700) | (3000) | possible |
| 4 | 7'10" | 9'2" | 10'6" | 11'9" | 13'1" | 14'5" |
| | (2400) | (2800) | (3200) | (3600) | (4000) | (4400) |
| 5 | 9'10" | 11'5" | 13'1" | 14'9" | 16'4" | widths not |
| | (3000) | (3500) | (4000) | (4500) | (5000) | possible |
| 6 | 11'9" | 13'10" | 15'8" | 17'8" | 19'8" | 21'7" |
| | (3600) | (4200) | (4800) | (5400) | (6000) | (6600) |
| 7 | 13'10" | 16' | 18'4" | 20'7" | 22'10" | widths not |
| | (4200) | (4900) | (5600) | (6300) | (7000) | possible |
| 8 | 15'8" | 18'4" | 20'11" | 23'6" | 26'1" | 28'10" |
| | (4800) | (5600) | (6400) | (7200) | (8000) | (8800) |
| 9 | 20'11" | 20'7" | 23'6" | 26'5" | 29'4" | widths not |
| | (5400) | (6300) | (7200) | (8100) | (9000) | possible |
| 10 | 19'8" | 22'10" | 26'1" | 29'4" | 32'9" | 36'1" |
| | (6000) | (7000) | (8000) | (9000) | (10000) | (11000) |
| 11 | 21'7" | 25'1" | 28'8" | 32'5" | 36'1" | widths not |
| | (6600) | (7700) | (8800) | (9900) | (11000) | possible |
| 12 | 23'7" | 27'4" | 31'5" | 35′5″ | 39'4" | 43'3" |
| | (7200) | (8400) | (9600) | (10800) | (12000) | (13200) |

FRAME WIDTH OF UNIT

Units with up to twelve panels are shown on the graph below. With additional unhinged paired panels, virtually unlimited unit widths are possible. Any custom panel size is possible up to the maximum size shown.

The total overall unit width is the number of panels multiplied by the individual panel width. As a guide, the table below shows some examples with the number of panels multiplied by selected panel widths.

- Solid dark line on chart indicates maximum frame height possible for a given maximum frame width **with double glazing.**
- - Broken line on chart indicates maximum frame height possible for a given maximum frame width with single glazing.



A horizontal mullion is needed for a unit with a frame height that is more than 8'4".

- **A.** Single or Double Glazed either for configurations with folding panels only or for configurations with folding panels and a swing door hinged to a side jamb includes Models 1L, 1R, 1L1R, 2R, 1L2R, 4R, 1L6R, 2L2R, 1L4R, 2L4R, 6R, 2L6R,4L4R, 4L6R, 2L, 2L1R, 4L, 4L1R, 4L2R, 6L, 6L1R, 6L2R, 6L4R & 6L6R.
- B. For all configurations.
- **C.** On chart indicates the following additional limitation: no unit with swing panel allowed. Only the following configurations allowed: 2R, 4R, 2L2R, 2L4R, 6R, 2L6R, 4L4R, 4L6R, 2L, 4L, 4L2R, 6L, 6L2R, 6L6R.

If larger sized panels are needed, please consider the SL70 system.

The maximum size limits for double glazed are based on the maximum weight of a panel being 5.5 lbs/sq ft (this weight is based on using standard insulated glass with a net glass thickness of 5/16" (8 mm) or 5/32" (4 mm) for each glass pane). The maximum size limits for single glazed units are based on a glass thickness of 1/4" (6 mm). For other net thicker glass, this maximum size chart will not apply.

For configurations with no swing panels, the minimum panel width needed is 1'8" (510 mm).



NUMBER OF PANELS IN UNIT

Dimensions in millimeters unless noted. Calculation applies to the standard stiles and rails.

Glass dimensions of all panels in a unit are equal, except for glass width of panel(s) that is hinged to either side jamb that has at least one other panel hinged to it. This glass width is 52 mm (2 1/16") less than the glass width of other panels.

Nominal Panel Height (PH) is defined as Glass Daylight Opening Height + 110 (4 5/16") Nominal Panel Width (PW) is defined as Glass Daylight Opening Width + 110 (4 5/16")

Panel Height is as seen from the inside on an inward opening unit and is as seen from the outside on an outward opening unit.

See Cross-Section Details of both stiles of each panel to determine actual Panel Width. With astragals, overlapping, etc., the actual Panel Width not only varies with position of panel in a configuration, but the inside and outside surface widths of each stile may be different.

For each configuration, the Frame Width (FW) is the sum of the nominal Panel Width (PW) times the number of panels minus 52 mm x number of panels hinged to side jamb with at least one other panel hinged to it plus a number (N) which is the sum of the side jamb dimensions and dimensions of space between panels in excess of the nominal Panel Width as shown in the Cross-Section Details.

Frame Height (FH) SL45 System

Standard Sill: Frame Height = Panel Height + 108 (4 1/4") = Clear Opening Height + 94 (3 11/16")
Flush/Low Profile Sill: Frame Height = Panel Height + 118 (4 11/16") = Clear Opening Height + 104 (4 1/8")
Surface Mounted Sill: Frame Height = Panel Height + 101 (4") = Clear Opening Height + 87 (3 71/6")

Frame Widths for Different Configurations with Majority of Panels Folding to Right (and their Mirror Image Configurations with Majority of Panels Folding to Left). See Maximum Size Charts for size limits. These numbers can be used as a guideline only. Contact NanaWall for the exact calculations for a particular unit.

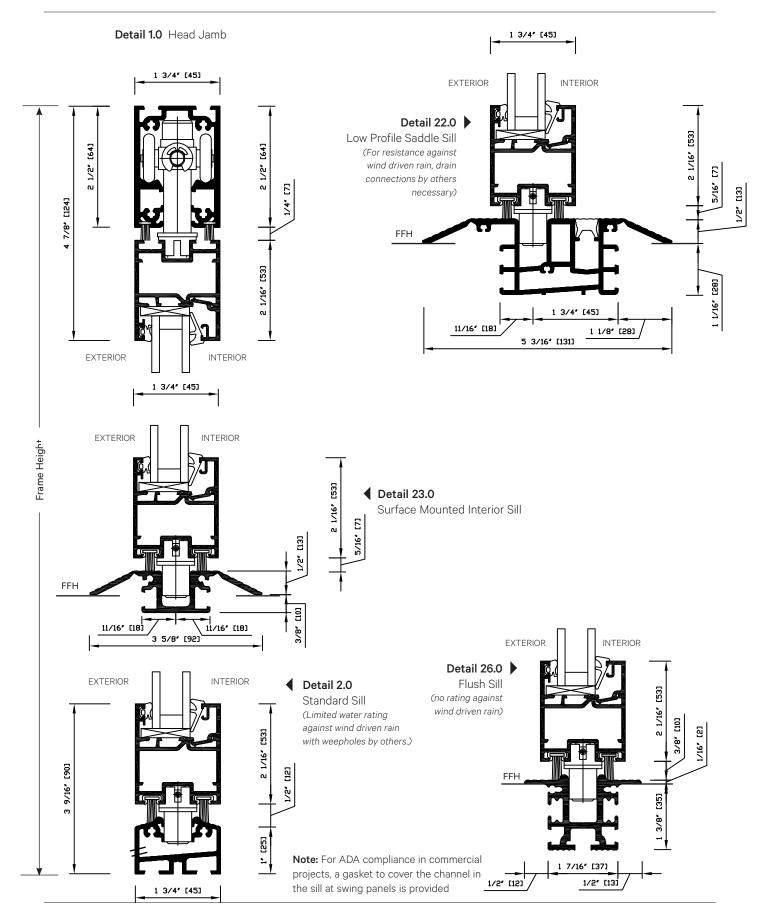
Please note that widths for units with unhinged panels or angle turns will be different.

| Model 1R | Frame Width = 1 x Panel Width + 92 = 1 x Panel Width + 3 5/8" |
|---|--|
| Model 1L1R | Frame Width = 2 x Panel Width +100 = 2 x Panel Width + 3 15/16" |
| Model 2R* | Frame Width = 2 x Panel Width - 52 + 100 = 2 x Panel Width + 17/8" |
| Model 3R*, Model 1L2R* | Frame Width = 3 x Panel Width - 52 + 107 = 3 x Panel Width + 2 3/16" |
| Model 4R*, Model 1L3R* | Frame Width = 4 x Panel Width - 52 + 115 = 4 x Panel Width + 2 1/2" |
| Model 2L2R** | Frame Width = 4 x Panel Width -104 + 115 = 4 x Panel Width + 7/16" |
| Model 5R*, Model 1L4R* | Frame Width = 5 x Panel Width - 52 + 122 = 5 x Panel Width + 2 3/4" |
| Model 2L3R** | Frame Width = 5 x Panel Width - 104 + 122 = 5 x Panel Width + 3/4" |
| Model 3L3R**, Model 2L4R** | Frame Width = 6 x Panel Width - 104 + 130 = 6 x Panel Width + 1" |
| Model 1L5R*, Model 6R* | Frame Width = 6 x Panel Width - 52 + 130 = 6 x Panel Width + 3 1/16" |
| Model 3L4R**, Model 2L5R** | Frame Width = 7 x Panel Width - 104 + 137 = 7 x Panel Width + 15/16" |
| Model 1L6R* | Frame Width = 7 x Panel Width - 52 + 137 = 7 x Panel Width + 3 3/8" |
| Model 4L4R**, Model-3L5R**, Model 2L6R** | Frame Width = 8 x Panel Width - 104 + 145 = 8 x Panel Width + 15/8" |
| Model 4L5R**, Model-3L6R** | Frame Width = 9 x Panel Width - 104 + 152 = 9 x Panel Width + 115/16" |
| Model 4L6R**, Model 5L5R** | Frame Width = 10 x Panel Width - 104 + 160 = 10 x Panel Width + 2 3/16" |
| Model 5L6R** | Frame Width = 11 x Panel Width - 104 + 167 = 11 x Panel Width + 2 1/2" |
| Model 6L6R** | Frame Width = 12 x Panel Width - 104 + 175 = 12 x Panel Width + 2 13/16" |
| Model 4L5R**, Model 3L6R** | Frame Width = 9 x Panel Width -120 + 213 = 9 x Panel Width + 3 11/16" |
| Model 4L6R** | Frame Width = $10 \times Panel Width - 120 + 225 = 10 \times Panel Width + 4 1/8"$ |
| Model 5L5R** | Frame Width = 10 x Panel Width -120 + 223 = 10 x Panel Width + 4 13/16" |
| Model 5L6R** | Frame Width = 11 x Panel Width -120 + 233 = 11 x Panel Width + 4 7/16" |
| Model 6L6R** | Frame Width = 12 x Panel Width -120 + 245 = 12 x Panel Width + 4 15/16" |
| | |

^{*} One end panel that is 52 mm (2") narrower than other panels

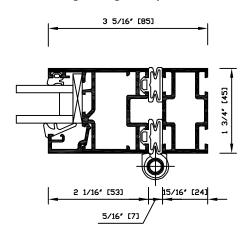


^{**} Two end panels that are 52 mm (2") narrower than other panels





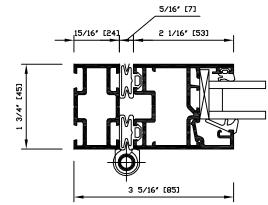
Detail 3.0 Panel hinged at right side jamb



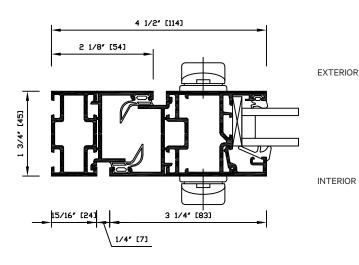
Detail 3R.0 Panel hinged at left side jamb

EXTERIOR

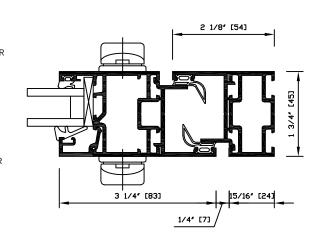
INTERIOR



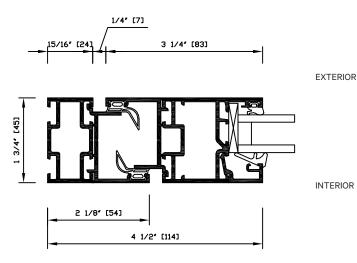
Detail 4.0 Swing panel with locking at left side jamb



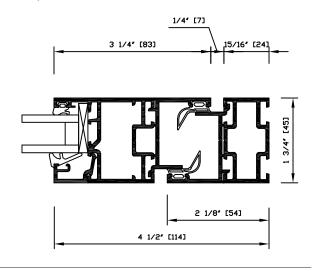
Detail 4R.0 Swing panel with locking at right side jamb



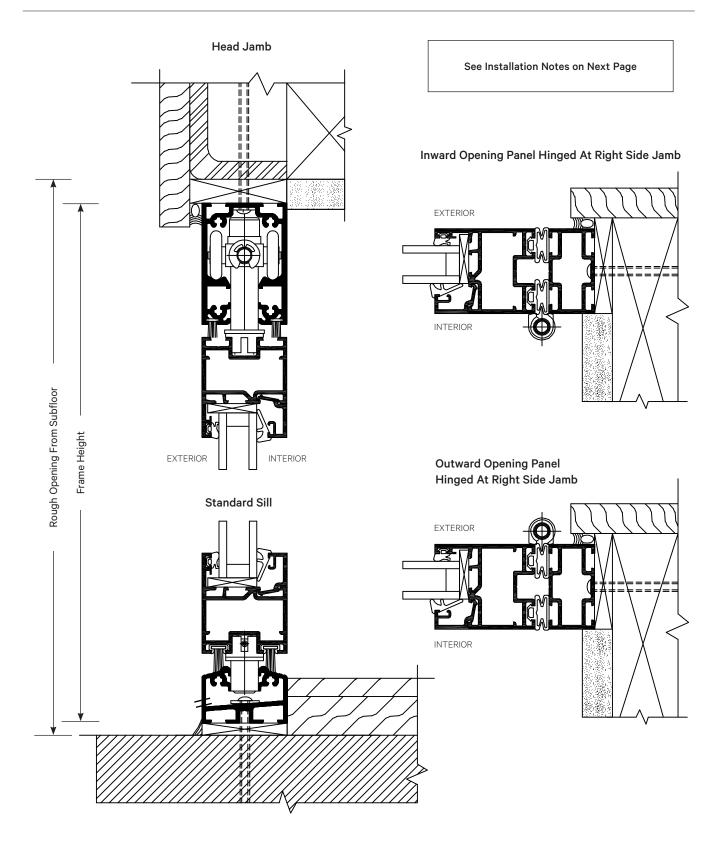
Detail 5.0 Panel with running carriage set meeting left side jamb.



Detail 5R.0 Panel with running carriage set meeting right side jamb.

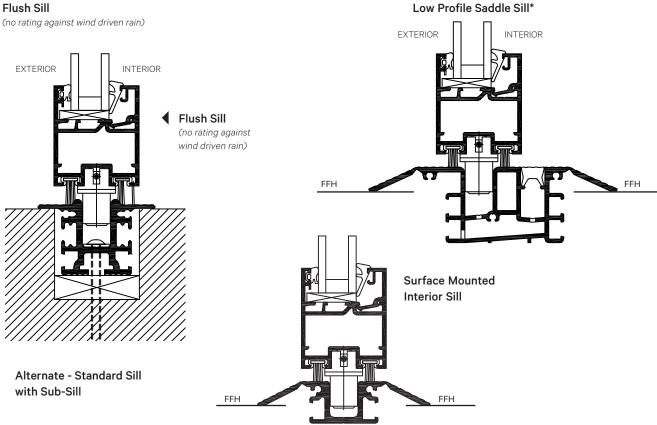


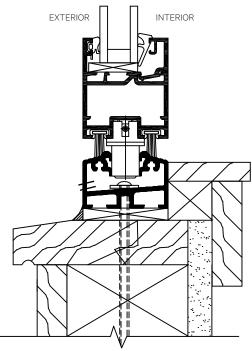




Note: For ADA compliance in commercial projects, a gasket to cover the channel in the sill at swing panels is provided







Note: For ADA compliance in commercial projects, a gasket to cover the channel in the sill at swing panels is provided

INSTALLATION NOTES

Suggested Typical Installation drawings shown are very general and may not be suitable for any particular installation. Product placement, fasteners, flashing, waterproofing, sealant, trim and other details for specific surrounding conditions must be properly designed and provided by others.

Installation Considerations

The approximate weight of a panel is 4lbs/ft² (single glazing) and 5.5lbs/ft² (double glazing). The vertical structural deflection of the header should be limited to the lesser of L/720 of the span and 1/4" under full loads. Structural support for lateral loads (both windload and when the panels are stacked open) must be provided. See "Pre-Installation Preparation and Installation Guidelines" in the General Introduction and "Owner's Manual" with installation instructions available for this system.

It is recommended that all building dead loads be applied to the header prior to installing the NanaWall. If so and if a reasonable amount of time has been allowed for the effect of this dead load on the header, then only the building's live load can be used to meet the above requirements of L/720 or 1/4". If not, both the dead and live loads need to be considered.

*FOR LOW PROFILE SADDLE SILL

For resistance against wind driven rain, the following is recommended by others

- 1. Remove the gasket covering the inner channel.
- 2. Provide necessary weepholes at the bottom of the channels and on the outside face of the sill.
- 3. Make necessary drain connections.
 Ask NanaWall for a detailed drawing..



SL45 Standard Unit

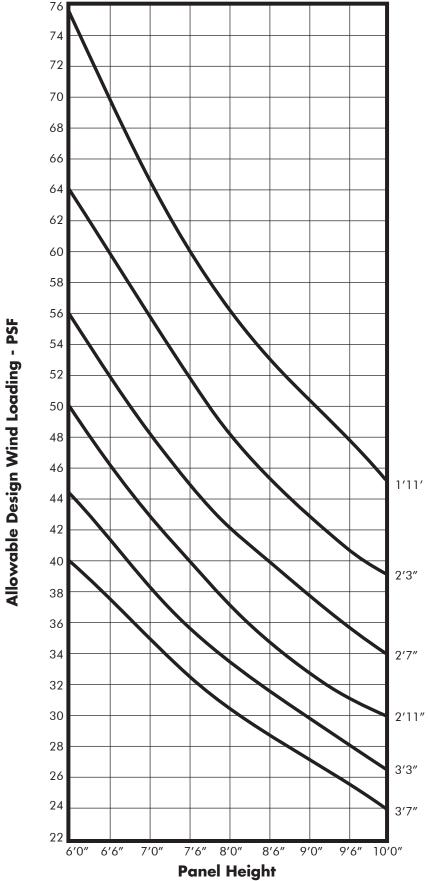
(Derived From Comparative Analysis)

Test Unit Size: 9'6" W x 8'6 1/2" H (3 panels)

Please note that some jurisdictions may limit the use of these charts or may not accept them at all. Design pressures and/or sizes may be restricted to what was tested. For Florida approved products, please see detailed FL Evaluation Report for restrictions.

Please also note that chart is only applicable for units with referenced Nana Wall supplied locking.

Positive and Negative Design Pressures for both inward and outward opening units





See Maximum Frame Size Chart for Possible Sizes

Unit Width Divided by Number of Panels

SPECIFICATIONS

9 50 00 CEILING FINISHES

ACOUSTICAL LAY IN TILE CEILINGS
SUSPENDED ACOUSTICAL CLOUD CEILINGS
SUSPENDED FIBERGLASS CEILINGS - BAFFLES
SUSPENDED WOOD CEILINGS - VENEER BEAMS / SLATS











CAD/Revit® drawings at: armstrongceilings.com/cadrevit

plus capabilities do more

armstrongceilings.com/capabilities See more photos at: armstrongceilings.com/photogallery

Calla® Square Lay-in panels with Prelude® XL® 15/16" suspension system

Smooth, drywall-like finish with both Sustain® and Total Acoustics® panel performance for flexible space; Offers excellent noise reduction and sound blocking in one product.

KEY SELECTION ATTRIBUTES

- DESIGNFlex[™] options include shapes, made-to-order sizes, and colors available to ship in 3 weeks
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics performance
- Calla® panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- CleanAssure[™] family of products includes disinfectable panels, suspension systems, and trim
 - · Mold- and mildew-resistant surface
- Excellent combination of acoustical performance; NRC up to 0.90, and CAC 35
- USDA-Certified Biobased Product 91%
- · Washable, Scratch-resistant, Soil-resistant
- Product can be recycled through the Armstrong Ceilings Recycling Program
- Compatible with the TechZone[®] Ceiling Systems
- 30-Year Limited System Warranty against visible sag, mold, and mildew

COLORS Due to printing limitations, shade may vary from actual product.

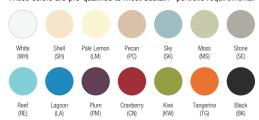


DETAILS (Other Suspension Systems compatible. Refer to listing on next page.)



Calla® Square Lay-in

These colors are pre-qualified to meet Sustain® portfolio requirements.



Other made-to-order colors must be evaluated if sustainability criteria is required. Lead time will increase.



CALLA®

Square Lay-in smooth texture

USDA CERTIFIED BIOBASED PRODUCT

Declare.

SUSTAIN* Sustainable Ceiling Systems

GREENGUARD Gold Certified (details below)

Calculate sustainability with GreenGenie CONTENT armstrongceilings.com/greengenie UUU recyclable/ extended producer resp. energy management construction waste mgmt LOCATION DEPENDENT

| VISUAL SELECTION | | | PERFO | RMANC | E SELI | ECTIO |)N Do | ots repr | esent h | igh leve | l of perf | formance. | | | | \$\$3 | \$\$ |
|--|-----------------------|---|----------------|---------|-----------------|--------------------|---------------------|--------------------|-------------------------|---|--------------------------------|------------------------------------|---|-----------|---------|-----------------|----------------|
| armstrongceilings. Susp. | | Dimensions | UL Cla Acou | ssified | Total Acoustics | Articulation Class | Fire Performance | Light Reflect * | Anti-Mold/ Block Mildew | Sag +pure Heristant +pure Heri | Certified Low VOC Emissions | CleanAssure™ Disinfectable Pane | | Scratch * | TY Soil | Recycle Program | 30-Yr Warranty |
| com/catdwgs Dwg. | Item No. 2820 | (Inches) | 0.85 | 35 | BEST | 170 | Class | 0.05 | | W | | • | | 3 | • | 6 | |
| CALLA® 1 15/16" Square Lay-in | 2020 | 24 x 24 x 1" | 0.65 | 33 | (III) | • | A | 0.00 | ٠ | • | • | • | • | ٠ | • | • | • |
| | 2820BK | 24 x 24 x 1" | 0.85 | 35 | BEST | 170 | Class A | N/A | ٠ | • | ٠ | 0 | ٠ | ٠ | • | ٠ | • |
| | 2821 | 24 x 48 x 1" | 0.85 | 35 | BEST | 170 | Class A | 0.85 | • | • | • | • | ٠ | • | ٠ | ۰ | • |
| | 2854 | 30 x 30 x 1" | 0.85 | 35 | BEST | 170 | Class A | 0.85 | ٠ | • | • | • | • | • | • | 0 | • |
| | 2857 | 24 x 60 x 1" | 0.85 | 35 | BEST | 170 | Class A | 0.85 | ٠ | • | • | • | • | • | • | 0 | • |
| | 2864 | 24 x 72 x 1" | 0.85 | 35 | BEST | 170 | Class A | 0.85 | ۰ | • | • | 0 | • | • | • | 0 | • |
| | 1" Thick | - 15/16" Square Lay-in | | | | | | | | | | | | | | | |
| Made-to-Order Sizes Visit the product page online and see "Configure an Item" to verify capabilities. Questions? email Techline@armstrongceilings.com | Width 4" - 12 30-1/2 | Length 11-1/2" 12" – 72" " – 30" 4" – 72" | N/A | N/A | N/A | N/A | Class A | 0.85 | ٠ | ۰ | • | 0 | ٠ | ٠ | ٠ | ٠ | • |

- ¹ Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product. GOOD (NRC 0.60-0.65; CAC 35+) BETTER (NRC 0.70-0.75; CAC 35+) BEST (NRC 0.80+; CAC 35+)
- * 3VhNdf[eW/hSg)Ve/Xad (YZf duXWJfS; UW) i SeZ S; V eUbSfUZ duYe[efS; UWSdWSbb/[UST:Wfa I Z[fWf[We/a; 1/2

SUSPENSION SYSTEMS

15/16'

Prelude® XL®

PHYSICAL DATA

Wet-formed mineral fiber with acoustically transparent membrane

Surface Finish

Acoustically transparent membrane with factory-applied latex paint

Fire Performance

Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).

ASTM E1264 Classification

Type IV, Form 2, Pattern E; Fire Class A

Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling tiles with BioBlock® performance resist the growth of mold and mildew on the tile surface.

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG IC UL 2818 VOC Emissions GREENGUARD Gold Certified GREENGUARD Gold Certified Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED®, WELL Building Standard™, Living Building Challenge® (LBC), CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 199; ANSI/GBI Green Building Assessment Protocol.

Acoustical Performance
CAC testing conducted using Prelude® XL® suspension system.
NRC test conducted using white panels. Painted panels may experience a slight reduction in NRC due to the color vpainting process

High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

U_L

P

GREENGUARD

GOLD

Insulation Value R Factor – 2.9 (BTU units) R Factor – 0.445 (Watts units)

Cleaning and Disinfecting
Cleaning and CDC recommended disinfecting options
available on armstrongceilings.com/cleaning

30-Year Performance Guarantee & Warranty When installed with Armstrong® Suspension System. Details at armstrongceilings.com/warranty

Weight; Square Feet/Carton

2820 – 1.0 lbs/SF; 40 SF/ctn 2821 – 1.0 lbs/SF; 48 SF/ctn 2854 – 1.0 lbs/SF; 50 SF/ctn 2857 – 1.0 lbs/SF; 80 SF/ctn 2864 – 1.0 lbs/SF: 72 SF/ctn

Minimum Order Quantity 1 carton



VIINERAI

FIBER - Standard











CAD/Revit® drawings at: armstrongceilings.com/cadrevit



armstrongceilings.com/capabilities See more photos at: armstrongceilings.com/photogallery

Calla® High CAC Square regular panels with Supraime® 9/16 Suspension system

Smooth, drywall-like finish with the highest levels of sound blocking available to address speech privacy. Offers both Sustain® and Total Acoustics® panel performance for flexible spaces.

KEY SELECTION ATTRIBUTES

- DESIGNFlex[™] options include made-to-order sizes and colors available to ship in 3 weeks
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance
- Calla® High CAC panels are part of the Sustain® portfolio and meet the most stringent sustainability compliance standards today
- Excellent combination of acoustical performance with exceptional sound blocking; NRC 0.80, CAC 40, and AC 170
- CleanAssure[™] family of products includes disinfectable panels, suspension systems, and trim
 - · Mold- and mildew-resistant surface
- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- USDA-Certified Biobased Product 91%
- Compatible with the TechZone® Ceiling Systems
- Product can be recycled through the Armstrong Ceilings Recycling Program
- 30-Year Limited System Warranty against visible sag, mold, and mildew

TYPICAL APPLICATIONS

- Offices closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Healthcare assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- · Classrooms
- Corridors
- Lobbies/reception areas

COLORS Due to printing limitations, shade may vary from actual product.



DETAILS

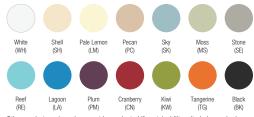






- 1. Calla® High CAC Square Tegular
- 2. Calla High CAC Square Lay-in
- 3. Calla High CAC Square Tegular with Suprafine® 9/16" suspension system

These colors are pre-qualified to meet $Sustain^{\scriptsize @}$ portfolio requirements.



Other made-to-order colors must be evaluated if sustainability criteria is required.

Lead time will increase



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NRC CAC

VIINERA

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Square Lay-in & Tegular smooth texture

USDA CERTIFIED PRODUCT

SUSTAIN Sustainable Ceiling Systems

GREENGHARD Gold Certified Declare. (details below)

RECYCLED 6% O CONTENT xtended roducer resp. construction waste mgmt

CCC

LOCATION DEPENDENT

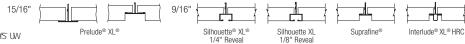
PERFORMANCE SELECTION Dots represent high level of performance.

VISUAL SELECTION

Bio- Humi-Block Guard+ CleanAssure™ Disinfectable Panels DURABILITY Recycle Program Sag Baran Baran Besistant Paran Certified Low VOC Emissions Light Reflect Total Acoustics¹ Articulation (II) Scratch Impact **UL Classified** Fog Soil Acoustics armstrongceilings. Dimensions Susp NRC CAC com/catdwgs Dwg. Item No. (Inches) CALLA® High CAC 8805 24 x 24 x 1" 0.80 40 BEST N/A 170 Class 0.85 Α (0)) 15/16" 8808 24 x 48 x 1" 0.80 40 BEST N/A 170 Class 0.85 Square Lay-in Α ((()) 8811 24 x 60 x 1" | 0.80 40 BEST N/A 170 Class 0.85 Α ((()) 8814 24 x 72 x 1" 0.80 40 BEST N/A 170 Class 0.85 (1) Α 30 x 30 x 1" 8817 0.80 40 **BEST** N/A 170 Class 0.85 Α (1) 15/16" 8806 24 x 24 x 1" 0.80 40 BEST N/A 170 Class 0.85 Α (1) Square Tegular 8809 40 BEST N/A 170 Class 0.85 24 x 48 x 1" Γ 0.80 Α (1) 8812 24 x 60 x 1" 0.80 40 **BFST** N/A 170 Class 0.85 Α ((()) 8815 24 x 72 x 1" ┌ 0.80 40 BEST N/A 170 Class 0.85 Α (()) 8818 30 x 30 x 1" 0.80 40 BEST N/A 170 Class 0.85 (1) Α 24 x 24 x 1" 9/16" 26,43, 8807 0.80 40 BEST N/A 170 Class 0.85 47, 51, (1) Α Square Tegular 8810 24 x 48 x 1" Γ 0.80 40 BEST N/A 170 Class 0.85 Α (1) 8813 24 x 60 x 1" \(\Gamma 0.80 40 BEST N/A 170 Class 0.85 Α (1) 8816 170 Class 0.85 24 x 72 x 1" F 0.80 40 BEST N/A Α ((()) 8819 30 x 30 x 1" 0.80 40 BEST N/A 170 Class 0.85 Α (()) 1" Thick - 15/16" Square Lay-in & Square Tegular Width Length N/A N/A Class 0.85 Made-to-Order N/A N/A STSIZE Α Sizes 4" - 11-1/2 3 WEEKS Visit the product page 12" - 35-1/2' 4" - 72" 4" - 30" online and see "Configure 36" - 48'an Item" to verify capabilities. Questions? email Techline@armstrongceilings.com 1 Total Acoustics® ceiling panels have an ideal combination SUSPENSION SYSTEMS

of sound absorption and sound blocking in one product. GOOD (NRC 0.60-0.65; CAC 35+) BETTER (NRC 0.70-0.75; CAC 35+)

BEST (NRC 0.80+; CAC 35+) * 3VhWfeW hSgWeXad fYZfdWWfS UW i SeZSVeUbsfUZdWefeS UW SdNSbb1UsTWfa i Z[fWffWea' ftž



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GREENGUARD

GOLD

PHYSICAL DATA

Material Wet-formed mineral fiber with acoustically

transparent membrane

Surface Finish

Acoustically transparent membrane with factory-applied latex paint

Fire Performance

Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).

Design Considerations

Combining materials with different run dates may result in shade variations. Order attic stock for any anticipated future needs.

ASTM E1264 Classification

Type IV, Form 2, Pattern E: Fire Class A

Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling tiles with BioBlock® performance resist the growth of

mold and mildew on the tile surface. VOC Emissions GREENGUARD Gold Certified

PRODUCT CERTIFIED FOR LOW CHEMICAL FMISSIONS Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method UL 2818 Health ODPH/EHLD/Stallhald Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED®, WELL Building Standard™, Living Building Challenge® (LBC), Calferen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

High Recycled Content
Classified as containing greater than 50% total recycled content.
Total recycled content based on product composition of

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post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value R Factor - 2.9 (BTU units); R Factor - 0.445 (Watts units)

Cleaning and Disinfecting Cleaning and CDC recommended disinfecting options available on armstrongceilings.com/cleaning

30-Year Performance Guarantee & Warranty When installed with Armstrong® Suspension System.

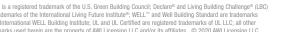
Details at armstrongceilings.com/warranty

Weight; Square Feet/Carton 8805, 8806, 8807 – 1.0 lbs/SF; 40 SF/ctn 8808, 88109, 8810 – 1.0 lbs/SF; 48 SF/ctn 8817, 8818, 8819 – 1.0 lbs/SF; 50 SF/ctn 8814, 8815, 8816 – 1.0 lbs/SF; 72 SF/ctn 8811, 8812, 8813 – 1.0 lbs/SF; 80 SF/ctn

Minimum Order Quantity

1 carton













Creative freedom and acoustic control – no grid required

The design opportunities presented by modern open spaces create a unique set of challenges when it comes to acoustics. Influences as diverse as the creative reuse of factories to the benefits of daylighting have contributed to the popularity of open plenums, exposed structures and the use of glass, wood, metal, polished concrete and other acoustically reflective materials.

A wall-to-wall suspended ceiling may be the most effective acoustic solution, but it's not always an option — for structural reasons as well as design preferences. In adaptive reuse or renovation situations, acoustic solutions often have to accommodate existing HVAC ductwork, plumbing and fire protection systems.

When design dreams and structural realities demand a creative alternative, CertainTeed Ceilings has the sound-absorbing clouds, baffles, direct-to-deck panels and wall panels you need to elevate your designs with outstanding acoustic control.

And our Technical Services team provides the advice to ensure you get the right ceiling for the space.



Left: Ecophon® Solo™ Baffles **Above:** Ecophon® Solo™ Clouds

Designing with free-hanging clouds

Acoustic clouds are the ultimate tool for design freedom. Different colors, shapes and sizes give designers hundreds of options. And that's just the product itself. Consider positioning, angles, stacking and layering, and the possibilities are as open as the spaces.

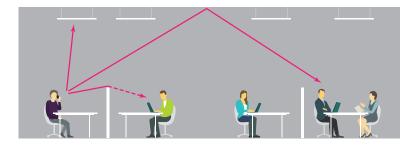
Clouds can also be used with wall-to-wall ceilings to boost noise control in areas where a lot of people are speaking at the same time, such as a call center, reception area or restaurant. Adding lowered clouds directly above tables or desks dramatically reduces the overall noise level and sound propagation.

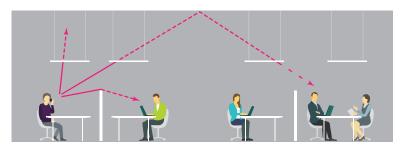
COVERAGE AND PLACEMENT

On average, 30 - 60% coverage with Ecophon® Solo™ Clouds achieves sound absorption similar to a suspended ceiling. But placement is key to acoustic performance.

The closer to the origin of the sound, the better. In spaces where speech is the primary sound source, installing clouds in the middle of the space rather than close to the ceiling is more efficient, because they absorb sound that has bounced off the deck.

How much more efficient? A 16 square foot absorber (e.g. Solo™ Square) installed 40 inches from the ceiling absorbs 15% more sound than one installed 8 inches from the ceiling. Spacing units at least 18 inches apart also ensures better sound absorption.





Positioning clouds toward the middle of the space allows them to absorb sound from the source as well as sound reflected from the deck above, making them more efficient than clouds installed close to the deck.

CREATIVE APPLICATIONS

From this simple principle, you can let your creativity take over. Clouds of any shape and color can be installed in layers, on angles, at any depth you choose to create anything from minimalist acoustic control to dramatic sculptural installations.

HOW MUCH PRODUCT DOES IT TAKE? UNITS REQUIRED TO ACHIEVE 30 - 60% COVERAGE IN A 1,000 SQ. FT. SPACE (PANEL DIMENSIONS APPROXIMATE): 20 - 39 units of Solo Square (≈ 4′ x 4′) 10 - 20 units of Solo Rectangle (≈ 4′ x 8′ size) 56 - 112 units of Solo Circle (≈ 32″ diameter size) 25 - 49 units of Solo Trapezoid (≈ 46″ x 46″) 30 - 60 units of Solo Hexagon (≈ 41″ x 47″) Note: There is a ratio to determine quantities for each product. The above are examples. Work with your CertainTeed Ceilings representative to determine quantities and layouts for your project.





Ecophon® Solo™ Clouds

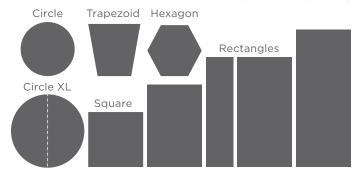
COLORS, SHAPES AND SIZES TO UNLEASH YOUR CREATIVITY

- 6 standard shapes and 10 sizes
- Custom shapes and sizes available with Solo Freedom program
- Premium painted surface on both sides and edges is standard for a finished look from every angle

STANDARD COLORS

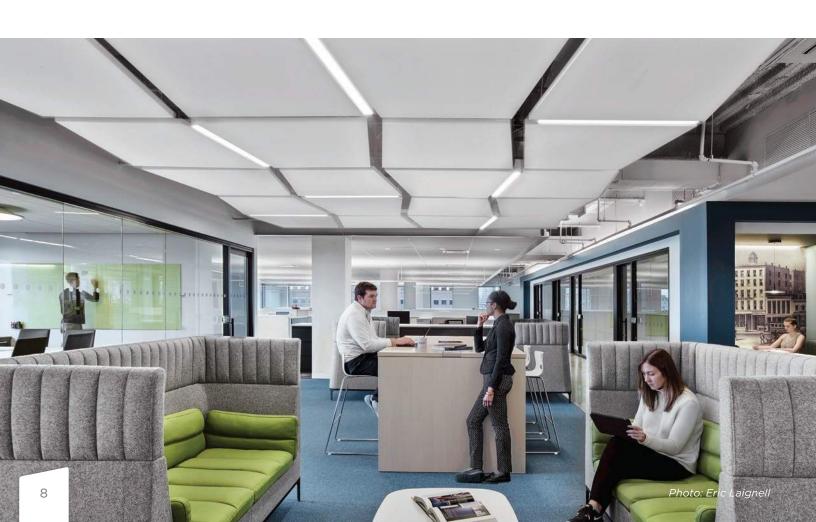
| WHITE | DARK | CLOUDY | GOLDEN |
|---------|---------|----------|-----------|
| | DIAMOND | DAY | FIELD |
| SILK | SILVER | HIGHLAND | MOONLIGHT |
| SLATE | STONE | FOG | SKY |
| PALE | RUBY | SUNSET | VOLCANIC |
| PEARL | ROCK | HEAT | ASH |
| MORNING | OCEAN | SILENT | SUMMER |
| DRIZZLE | STORM | STREAM | BREEZE |

STANDARD SHAPES



SOLO FREEDOM

Ecophon Solo Freedom enables endless design possibilities. Design almost any shape based on a 1200×1200 , 2400×1200 , or 3000×1200 panel. Quick-ship options available for select Solo Cloud and Baffle shapes.





CONFIGURATION SUGGESTIONS



INDIVIDUAL SUSPENSION

Individual clouds can be easily suspended using standard factory anchors and adjustable aircraft hanger wire—no special tools required—for a clean, elegant look.



STACKED OR LAYERED

For added depth, texture and acoustic control, hang multiple Ecophon Solo clouds in tiered layers. Included hardware and hanger wires can support up to 4 flat or 3 angled panels in one tier



ANGLED

To add a sense of movement to your ceiling design, or to create a sculptural point of interest that doubles as sound absorption, Ecophon Solo clouds can be suspended at varying angles up to 60°.

VERSATILE INSTALLATION FOR DESIGN FLEXIBILITY

- Lightweight and resilient high-density fiberglass is easy to handle, yet robust enough to be used in large panels without risk of sagging or requiring extra support.
- Two suspension system options:
 - Adjustable hanger wires
 - Brackets
- One wire can connect to and support up to four layered panels
- Can be angled up to 60° for creative installations
- Lighting fixtures can be installed directly in panels no sagging or extra support*

*Size and weight limits apply and vary with panel shape. See installation guide for details.

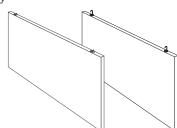
Ecophon® Solo™ Baffles

ELEGANT LINES IN A VARIETY OF COLORS, SHAPES AND SIZES

- 16 standard colors selected to reflect current color trends and customer demand (See page 8 for palette)
- Premium painted surface on both sides and edges standard for a finished look from every angle
- Now available in 3 shapes and 10 size options, all in one thickness (1.5" or 40mm)
- Custom shapes and sizes available with Solo Freedom program
- Horizontal and vertical application options

EASY INSTALLATION

- Lightweight and resilient high-density fiberglass is easy to handle
- Two installation options:
 - Direct anchors for horizontal or vertical mounting
 - Suspended hooks
- Demountable for accessibility



SOLO FREEDOM

Ecophon Solo Freedom enables endless design possibilities. Design almost any shape based on a 1200×1200 , 2400×1200 , or 3000×1200 panel. Quick-ship options available for select Solo Cloud and Baffle shapes.



STANDARD SHAPES

Wave

Rectangles

Zig Zag

CONFIGURATION SUGGESTIONS



STAGGERED

Stagger wave- or zig zag-shaped baffles at varying intervals to create movement with unique angular or flowing expressions.



ON THE WALL

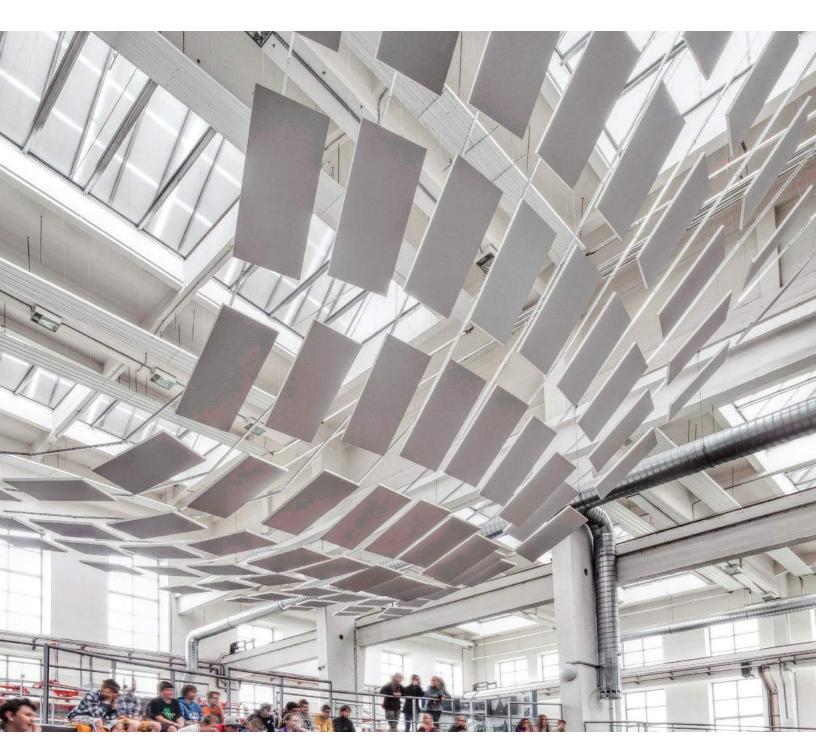
Create stacked or staggered formations for unconventional visual effect on vertical surfaces using the Baffle Wall Fixing Accessory.

CREATE THESE EFFECTS WITH YOUR NEXT PROJECT

Visit CertainTeed.com/SoloBaffle, contact your CertainTeed Ceilings representative or call 800-233-8990 for design patterns using Wave and Zig Zag.

Ready for a creative alternative in your open space design? Contact your CertainTeed Ceilings representative, call 800-233-8990 or visit CertainTeed.com/AcousticalDesign.

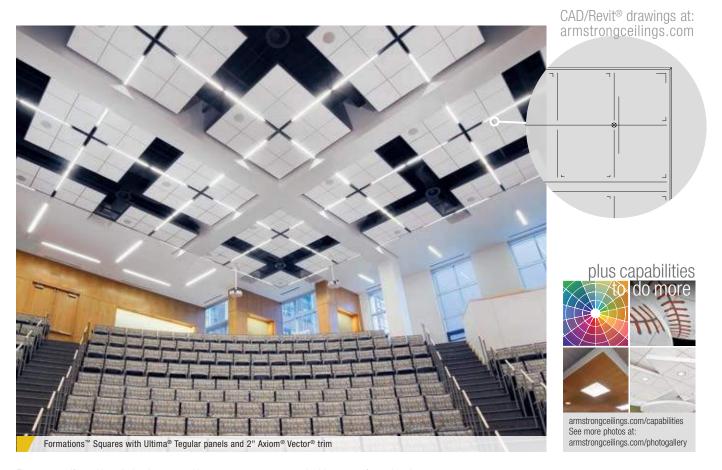




learn more at CertainTeed.com/ceilings



CertainTeed



Easy-to-specify and install cloud system with pre-cut components and wide range of panel options.

KEY SELECTION ATTRIBUTES

- Ideal for acoustically challenged or open plenum spaces:
- Reduce acoustical reverberation time in the space
- Reduce noise levels in the space
- Increase speech intelligibility
- · Clouds appear to float
- Layouts and sizing for full-size panel installation
- · Standard components for custom look

Formations Suspension System and Axiom® Trim Kits

- Axiom trims are made from extruded aluminum, offers better registration, handleability, and finished appearance vs. standard cold-rolled steel
- Axiom® Vector® maintains a clean 1/4" Vector reveal at the perimeter when used within factory-finished panels
- Kits combine the Formations™ Clouds StrongBack™ mounting system with a sleek, strong aircraft cable system to recess the cable two feet away from the vertical face of the cloud, for a clean visual requiring fewer suspension hangers
- Tested for seismic installations
- · Suspension Kits include:
- Axiom trim cut to length with factory-mitered corners
- Unique Axiom trim for Formations Support Hanger carrying channel
- Prelude® XL® suspension system components, cut to length
- Appropriate amount of Axiom splices and T-Bar connectors
- Aircraft cable and hardware for attachment to structure





START BY CHOOSING THE FORMATIONS™ ACCENT AND ACOUSTICAL CLOUD KITS THAT FIT YOUR PROJECT NEEDS

Cloud Type

Description



FORMATIONS Curves Clouds

Soften and quiet any space by adding a few curves.

- · 16 suspension system/trim colors
- · 3 standard trim heights
- · 16 shapes and sizes





FORMATIONS Squares/Rectangles Clouds

A bold, captivating design option with outstanding sound absorption.

- · 16 suspension system/trim colors
- · 3 standard trim heights
- 15 shapes and sizes





FORMATIONS Staggered Design Clouds

Create visually interesting clouds the easy way.

- 16 suspension system/trim colors3 standard trim heights
- · 78 shapes and sizes





FORMATIONS Planks Clouds

Reduce the amount of visible suspension and create a sleek, clean look.

- 16 suspension system/trim colors
- · 3 standard trim heights
- 30 shapes and sizes





FORMATIONS Clouds for Drywall

Improved floating visual compared to field constructed track and channeled clouds.

- 3 standard trim heights
- · 21 shapes and sizes





FORMATIONS Clouds with Integrated Lighting

Distribute safe, low-voltage direct current electrical power through the acoustical ceiling suspension system (grid) for more efficient lighting.

- · 2 standard trim heights
- · 3 suspension systems
- 4 shapes and sizes





SELECT A CEILING PANEL THAT WORKS WITH YOUR CLOUD Panels specified, ordered and shipped separately from Formations™ kits

ACOUSTICAL PANELS Due to printing limitations, shade may vary from actual product

Optima®/Ultima® Tegular and Vector® Panels



Optima Tegular Ultima Tegular & Vector & Vector

NOTE: Ultima® and Optima® Vector® panels are the only available as factory-cut curved panels. Other 24" x 24" mineral fiber/fiberglass panels may be used but may require field cutting.

Staggered & Planks Optima Vector Panels



Ultima® Health Zone™ Create!™ Lay-in Panels







(LC)

For more information on Create! panels visit armstrongceilings.com/create





(OK)





Available

Squares

Lyra®/Calla®/Optima/Ultima/Cirrus®/Cortega®/Dune™/Fine Fissured™ Tegular, Vector®, and Square Lay-in Panels







Optima Tegular &



Ultima Tegular &



Dune Tegular Tegular



Vector

Fine Fissured Tegular



Cortega Tegular

MetalWorks™ Square Tegular and Vector Panels



Extra Micro Microperforated perforated







Gun Metal Grey (MY)



(FXMP)

Effects 0ak (FXOK)



Cherry (FXCH)



Effects Dark Cherry (FXDC)



Effects Walnut (FXWN)



Effects Walnut Espresso (FXWE)

NOTF: Effects colors are only available for extra microperforated panels. Solid wood panels cannot be used for clouds

ACCENT PANELS Due to printing limitations, shade may vary from actual product.

Squares

MetalWorks Mesh Lav-in Panels (24 available)



White Silver Grev (TWH) (SG)



Grey (MY)



Tech Black (BI)



Custom Colors Available



WoodWorks® Grille Tegular Panels

Open Cell Vector Panels (3 panel designs)



Maple

(GMP)



(GLC)

MetalWorks Tin Tegular & Vector Panels





Grille Dark Cherry



Custom Finishes

Infusions Lay-in Panels

Lay-in Color Choices (38 available)

(FZTRT)



(FZTRL)

Splash Splash











Lay-in Color Choices White

(TWH)

(TAM)

Chrome



Steel (TLS)

Copper

Custom Colors

Available

NOTE: For a complete list of panels, visit armstrongceilings.com/metalworks; armstrongceilings.com/woodworks; armstrongceilings.com/infustions

SELECT YOUR SUSPENSION SYSTEM AND TRIM COLORS

Due to printing limitations, shade may vary from actual product.

Suspension System / Axiom® Trim Colors



Cream (CR)



Grev (MY)

Gun Metal



(ST)

Haze

(HA)



(WK)

Camel

(CM)



Vanilla

(VA)





SUSPENSION SYSTEMS



in all kits except Drywall suspension system

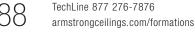




suspension system

Drywall











SELECT YOUR AXIOM® TRIM PROFILE AND HEIGHT

AXIOM® TRIM TYPES

Axiom® Vector® Trim for Formations™









AXIOM TRIM PROFILE OPTIONS











Axiom for Formations Vector Trim (available in 2", 4", and 6" heights)

Vector panel with Axiom for Formations Vector Trim (available in 2", 4", and 6" heights)

Tegular panel with inverted Axiom for Formations Vector Trim (available in 2", 4", and 6" heights)

Tegular panel with Axiom for Formations Knife Edge for Vector Trim

Compatible Ceiling Panels

Vector panel with Axiom for Formations Knife Edge for Vector Trim

Trim Choices:

ENSURE YOUR TRIM IS COMPATIBLE WITH YOUR CEILING PANEL CHOICE.

| Compatible | Ceiling Panels | Trim Choices: | | | | |
|-----------------|-----------------------------------|--|--|-----------------------|----------------------------------|--|
| Edge Profile | Panel | AXIOM® Vector® | AXIOM® Vector® (Inverted) | AXIOM® Knife Edge® | AXIOM® Knife Edge® Vector® | |
| Formation | ıs Curves | Available in 2", 4", and 6" heights | Available in 2", 4", and 6" heights | | | |
| | Lay-in | - | • | _ | _ | |
| | OPTIMA® Square Tegular | _ | _ | _ | _ | |
| 5 | OPTIMA® Vector® (Factory-cut) | • | - | - | - | |
| ι | ULTIMA® Beveled Tegular | _ | • | - | - | |
| 5 | ULTIMA® Vector — (Factory-cut) | • | - | _ | - | |
| Formation | s Squares | | | | | |
| | Lay-in | - | • | • | - | |
| | CALLA® Square Tegular | • | • | • | • | |
| | CALLA® Vector (Factory-cut) | • | - | - | • | |
| | LYRA® Square Tegular | • | • | • | • | |
| <u>_</u> | LYRA® Vector (Factory-cut) | • | _ | - | • | |
| | OPTIMA® Square Tegular | • | • | • | • | |
| 5 | OPTIMA® Vector (Factory-cut) | • | - | - | • | |
| 1 | ULTIMA® — Beveled Tegular | • | • | • | • | |
| _ | ULTIMA® Vector (Factory-cut) | - | • | • | _ | |

| Edge Profile | Panel | AXIOM® Vector® | AXIOM® Vector® (Inverted) | AXIOM® Knife Edge® | AXIOM® Knife Edge® Vector® |
|-----------------|---|--|-------------------------------------|-----------------------|----------------------------------|
| Formatio | ns Squares | Available in 2", 4", and 6" heights | Available in 2", 4", and 6" heights | | |
| | CIRRUS®/ — CORTEGA®/DUNE¹ FINE FISSURED™ Angled Tegular | _ | • | • | _ |
| | ULTIMA® Health Zone™ Create!™ Square Lay-in | - | • | • | _ |
| | METALWORKS™ Square Tegular | • | • | • | • |
| 4 | METALWORKS ™ Vector | • | - | - | • |
| | WOODWORKS® Grille Tegular | • | • | • | • |
| 5 | WOODWORKS® Open Cell Vector | • | - | _ | _ |
| | INFUSIONS® Lay-in | • | • | • | • |
| Formatio | ns Planks & Stag | gered | | | |
| | OPTIMA® Vector | • | _ | _ | _ |
| Formatio | ns for Drywall | | | | |
| | N/A | Axiom D | rywall Trim | | |

FORMATIONS™ Acoustical and Accent Cloud Kits - Curves

76% T1% RECYCLED CONTENT Calculate LEED contribution at armstrongceilings.com/greengenie **E** ш

LOCATION DEPENDENT

SPECIFY KITS, COLORS, AND PANEL SELECTIONS

HOW TO SPECIFY

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number, the special factorycut curved Vector® panel kit number, and any extra cartons of the infill panels you may need.

Standard circle and rounded square clouds feature 15/16" Prelude® suspension system and your choice of 2", 4", or 6" high Axiom® Vector® trim.

EXAMPLE:

C4VES 0606C

4" High 6' x 6' Color Suffix • Axiom® Cloud Vector®

Also order curved Optima® Vector® Panel Kit: 3970

Custom options available that include a wide range of Axiom trim and suspension system options.

• If specifying a color other than White, remember to add the color suffix at the end of the Suspension Kit item number.

VISUAL SELECTION

| Cloud | | Kit Item No. • | | | | |
|----------------|----------------|-------------------------------------|--|--|--|--|
| Size (Feet) | | (Axiom Trim & Suspension System) | | | | |
| Curves | | 15/16" Prelude | | | | |
| 6' | Circle | C _ VES0606C | | | | |
| 6' x 8' | Oval | C _ VES0608 | | | | |
| 6' x 10' | Oval | C _ VES0610 | | | | |
| 6' x 12' | Oval | C _ VES0612 | | | | |
| 6' x 14' | Oval | C _ VES0614 | | | | |
| 8' | Circle | C _ VES0808C | | | | |
| 8' x 8' | Rounded Square | C _ VES0808 | | | | |
| 8' x 10' | Rounded Square | C _ VES0810 | | | | |
| 8' x 12' | Rounded Square | C _ VES0812 | | | | |
| 8' x 14' | Rounded Square | C _ VES0814 | | | | |
| 10' | Circle | C _ VES1010C | | | | |
| 10' x 10' | Rounded Square | C _ VES1010 | | | | |
| 10' x 12' | Rounded Square | C _ VES1012 | | | | |
| 10' x 14' | Rounded Square | C _ VES1014 | | | | |
| 11'-5" | Circle | C _ VES1212C | | | | |
| 12' x 12' | Rounded Square | C _ VES1212 | | | | |
| 12' x 14' | Rounded Square | C _ VES1214 | | | | |
| 14' | Circle | C _ VES1414C | | | | |
| 14' x 14' | Rounded Square | C VES1414 | | | | |

Suspension

PANEL SELECTION

Optima® Vector® Factory-cut Curved Panels

| Kit No. | Cartons Required | Required Extra Item 3900 24" x 24" (Ctns) |
|---------|---------------------|--|
| 3970 | 1 | 0 |
| 3971 | 1 | 1 |
| 3971 | 1 | 1 |
| 3971 | 1 | 1 |
| 3971 | 1 | 1 |
| 3973 | 1 | 1 |
| 3972 | 1 | 1 |
| 3972 | 1 | 1 |
| 3972 | 1 | 1 |
| 3972 | 1 | 2 |
| 3974 | 2 | 1 |
| 3972 | 1 | 2 |
| 3972 | 1 | 2 |
| 3972 | 1 | 2 |
| 3975 | 2 | 2 |
| 3972 | 1 | 2 |
| 3972 | 1 | 3 |
| 3976 | 2 | 3 |
| 3972 | 1 | 4 |
| | | |

Ultima® Vector® Factory-cut Curved Panels

| Kit No. | Cartons Required | Required Extra Item 1920 24" x 24" (Ctn |
|---------|---------------------|--|
| 1970 | 1 | 0 |
| 1971 | 1 | 1 |
| 1971 | 1 | 1 |
| 1971 | 1 | 1 |
| 1971 | 1 | 1 |
| 1973 | 1 | 1 |
| 1972 | 1 | 1 |
| 1972 | 1 | 1 |
| 1972 | 1 | 1 |
| 1972 | 1 | 2 |
| 1974 | 2 | 1 |
| 1972 | 1 | 2 |
| 1972 | 1 | 2 |
| 1972 | 1 | 2 |
| 1975 | 2 | 2 |
| 1972 | 1 | 2 |
| 1972 | 1 | 3 |
| 1976 | 2 | 3 |
| 1972 | 1 | 4 |
| | | |

CLOUD SHAPE AND SIZE SELECTION

Curves



8' x 8'

10' x 10'

Rounded Square

Rounded Square



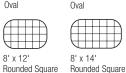
8' x 10'

Rounded Square









Squares (see chart Pg. 91)























Rounded Square

Rounded Square



14' x 14' Rounded Square

























12' x 12

Rounded Square









FORMATIONS™ Acoustical and Accent Cloud Kits - Squares & Rectangles

76% 71% RECYCLED CONTENT Calculate LEED contribution at armstrongceilings.com/greengenie LOCATION DEPENDENT

(continued) SPECIFY KITS, COLORS, AND PANEL SELECTIONS **HOW TO SPECIFY**

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number and the panel item number.

Standard square and rectangle clouds feature 15/16" Prelude® suspension system and your choice of 2", 4", or 6" high Axiom® Vector® Trim, Axiom® Knife Edge® Tegular or Vector trim. EXAMPLE:

C4VES 0606C

4" High 6' x 6' Color Suffix◆ Axiom Cloud Vector

Also order square Optima® Vector Panel Kit: 3900 (24" x 24" panels - 1 carton).

Custom options available that include a wide range of Axiom trim and suspension system options.

• If specifying a color other than White, remember to add the color suffix at the end of the Suspension Kit item number.

VISUAL SELECTION

| VISUAL | SELECTION | | | |
|-----------|--------------------|-------------------------------------|--|--|
| Cloud | Axiom Profile | Suspension Kit Item No. ◆ | | |
| Size | Profile | (Axiom Trim & Suspension System) | | |
| Squares | s/Rectangles | 15/16" Prelude | | |
| 6' x 6' | Vector | C _ VEA0606 | | |
| | Knife Edge Tegular | CKETA0606 | | |
| | Knife Edge Vector | CKEVA0606 | | |
| 6' x 8' | Vector | C _ VEA0608 | | |
| | Knife Edge Tegular | CKETA0608 | | |
| | Knife Edge Vector | CKEVA0608 | | |
| 6' x 10' | Vector | C _ VEA0610 | | |
| | Knife Edge Tegular | CKETA0610 | | |
| | Knife Edge Vector | CKEVA0610 | | |
| 6' x 12' | Vector | C _ VEA0612 | | |
| | Knife Edge Tegular | CKETA0612 | | |
| | Knife Edge Vector | CKEVA0612 | | |
| 6' x 14' | Vector | C _ VEA0614 | | |
| | Knife Edge Tegular | CKETA0614 | | |
| | Knife Edge Vector | CKEVA0614 | | |
| 8' x 8' | Vector | C _ VEA0808 | | |
| | Knife Edge Tegular | CKETA0808 | | |
| | Knife Edge Vector | CKEVA0808 | | |
| 8' x 10' | Vector | C _ VEA0810 | | |
| | Knife Edge Tegular | CKETA0810 | | |
| | Knife Edge Vector | CKEVA0810 | | |
| 8' x 12' | Vector | C _ VEA0812 | | |
| | Knife Edge Tegular | CKETA0812 | | |
| | Knife Edge Vector | CKEVA0812 | | |
| 8' x 14' | Vector | C _ VEA0814 | | |
| | Knife Edge Tegular | CKETA0814 | | |
| | Knife Edge Vector | CKEVA0814 | | |
| 10' x 10' | | C _ VEA1010 | | |
| | Knife Edge Tegular | CKETA1010 | | |
| | Knife Edge Vector | CKEVA1010 | | |
| 10' x 12' | Vector | C _ VEA1012 | | |
| | Knife Edge Tegular | CKETA1012 | | |
| | Knife Edge Vector | CKEVA1012 | | |
| 10' x 14' | | C _ VEA1014 | | |
| | Knife Edge Tegular | CKETA1014 | | |
| | Knife Edge Vector | CKEVA1014 | | |
| 12' x 12' | | C _ VEA1212 | | |
| _ | Knife Edge Tegular | CKETA1212 | | |
| | Knife Edge Vector | CKEVA1212 | | |
| 12' x 14' | | C _ VEA1214 | | |
| | Knife Edge Tegular | CKETA1214 | | |
| | Knife Edge Vector | CKEVA1214 | | |
| 14' x 14' | | C _ VEA1414 | | |
| | Vnifo Edgo Togular | CVETA1414 | | |

PANEL SELECTION

| Optima® Vector® Panels | Ultima® Vector® Panels | Optima Tegular Panels | Ultima® Tegular Panels |
|------------------------------|------------------------------|----------------------------------|------------------------------|
| Item 3900 (Ctns) | Item 1920 (Ctns) | Items 3250, 3354, 3253 (Ctns) | Item 1911 (Ctns) |
| 1 | 1 | 1** | 1** |
| _ | _ | 1 | 1 |
| 1 | 1 | _ | _ |
| 1 | 1 | 1** | 1** |
| _ | _ | 1 | 1 |
| 1 | 1 | _ | _ |
| 2 | 2 | 1** | 2** |
| _ | _ | 1 | 2 |
| 2 | 2 | _ | _ |
| 2 | 2 | 1** | 2** |
| _ | _ | 1 | 2 |
| 2 | 2 | _ | _ |
| 2 | 2 | 1** | 2** |
| _ | _ | 1 | 2 |
| 2 | 2 | | _ |
| 2 | 2 | 1** | 2** |
| _ | _ | 1 | 2 |
| 2 | 2 | | |
| 2 | 2 | 1** | 2** |
| _ | | <u>'</u> 1 | 2 |
| 2 | 2 | | |
| 2 | 2 | 1** | 2** |
| | | 1 | 2 |
| 2 | 2 | | |
| 2 | 2 | 1** | 3** |
| | | 1 | 3 |
| 2 | 2 | | |
| 2 | 3 | 2** | 3** |
| | | 2 | 3 |
| 2 | 3 | | |
| 3 | 3 | 2** | 3** |
| J | 3 | 2 | 3 |
| 3 | 3 | ۷. | <u> </u> |
| 3 | 3 | 2** | 2** |
| <u>ي</u> | | 2** | 3** |
| - | 3 | 2 | 3 |
| 3 | | | 2** |
| 3 | 3 | 2** | 3** |
| - | | 2 | 3 |
| 3 | 3 | - | - |
| 4 | 4 | 2** | 4** |
| _ | | 2 | 4 |
| 4 | 4 | - | - |
| 5 | 5 | 3** | 5** |
| _ | _ | 3 | 5 |

MORE PANEL OPTIONS

Place these panel orders with Armstrong Ceilings Customer Service - 1 877 276 7876

Panel options featured on pg. 59

Calla® / Calla® Vector®

Cirrus®

Cortega®

Dune™

Fine Fissured™

Infusions®

Lyra® / Lyra® Vector®

Ultima® Health Zone™ Create!™

MetalWorks™ Tegular

MetalWorks™ Vector®

MetalWorks™ Tin

MetalWorks™ Mesh

WoodWorks® Grille Tegular

WoodWorks® Open Cell

Knife Edge Vector

Knife Edge Tegular CKETA1414 _

CKEVA1414 _ _



^{**} These items use Axiom for Formations Vector Trim (inverted).

FORMATIONS™ Acoustical and Accent Cloud Kits - Staggered

Applies to standard kits only

LOCATION DEPENDENT

(continued) SPECIFY KITS, COLORS, AND PANEL SELECTIONS

HOW TO SPECIFY

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number and the panel item numbers.

Standard staggered clouds feature 15/16" Prelude® suspension system and your choice of 2", 4", or 6" high Axiom® Vector® trim. EXAMPLE:

0606 V2A 1222V _ _

6' x 6' 2" High 1' x 2' / Color Cloud Axiom® 2' x 2' Suffix ◆ Vector® Optima® Trim Vector® Panels

Also order staggered Optima® Vector Panel Kits: 3903 (12" x 24" panels - 1 carton) and 3900 (24" x 24" panels - 1 carton).

 If specifying a color other than White, remember to add the color suffix at the end of the Suspension Kit item number.

Custom options available that include a wide range of Axiom® trim and suspension systems.

VISUAL SELECTION

| Cloud | Suspension Kit Item No. | | |
|--------|----------------------------|--|--|
| Size | (Axiom Trim & | | |
| (Feet) | Suspension System | | |

| (1 661) | Suspension System) |
|-----------|--------------------|
| Staggered | 15/16" Prelude |
| 6' x 6' | 0606V _ A V |
| 6' x 8' | 0608V _ A V |
| 6' x 10' | 0610V _ A V |
| 6' x 12' | 0612V _ A V |
| 6' x 14' | 0614V _ A V |
| 6' x 16' | 0616V _ A V |
| 8' x 6' | 0806V _ A V |
| 8' x 8' | 0808V _ A V |
| 8' x 10' | 0810V _ A V |
| 8' x 12' | 0812V _ A V |
| 8' x 14' | 0814V _ A V |
| 8' x 16' | 0816V _ A V |
| 10' x 6' | 1006V _ A V |
| 10' x 8' | 1008V _ A V |
| 10' x 10' | 1010V _ A V |
| 10' x 12' | 1012V _ A V |
| 10' x 14' | 1014V _ A V |
| 10' x 16' | 1016V _ A V |
| 12' x 6' | 1206V _ A V |
| 12' x 8' | 1208V _ A V |
| 12' x 10' | 1210V _ A V |
| 12' x 12' | 1212V _ A V |
| 12' x 14' | 1214V _ A V |
| 12' x 16' | 1216V _ A V |
| 14' x 6' | 1406V _ A V |
| 14' x 8' | 1408V _ A V |
| 14' x 10' | 1410V _ A V |
| 14' x 12' | 1412V _ A V |
| 14' x 14' | 1414V _ A V |
| 14' x 16' | 1416V _ A V |
| 16' x 6' | 1606V _ A V |
| 16' x 8' | 1608V _ A V |
| 16' x 10' | 1610V _ A V |
| 16' x 12' | 1612V _ A V |
| 16' x 14' | 1614V _ A V |
| | |

1616V _ A _ _ _ _ V _ _

16' x 16'

PANEL SELECTION

Optima® Vector® Panels

| 2" x 24" / 24" x 24" | 24" x 24" / 24" x 48" | 24" x 48" / 24" x 96" |
|-----------------------|-------------------------|------------------------|
| em 3903 / 3900 (Ctns) | Item 3900 / 3908 (Ctns) | Item 3908 / 3907 (Ctns |
| 1/1 | 1 / 1 | _ |
| 1/1 | 1/1 | _ |
| 1 / 2 | 1/1 | _ |
| 1 / 2 | 1/1 | _ |
| 1 / 2 | 1 / 1 | _ |
| 1 / 2 | 1 / 1 | 1 / 1 |
| 1/1 | 1 / 1 | - |
| 1 / 2 | 1/1 | _ |
| 1 / 2 | 1/1 | _ |
| 1 / 2 | 1 / 1 | - |
| 1/3 | 1 / 1 | _ |
| 1/3 | 1 / 2 | 1 / 1 |
| 1 / 2 | 1/1 | _ |
| 1 / 2 | 1/1 | - |
| 1 / 2 | 1/1 | _ |
| 1/3 | 1 / 2 | _ |
| 1/3 | 1 / 2 | - |
| 1 / 4 | 1 / 2 | 1 / 2 |
| 1/2 | 1/1 | - |
| 1 / 2 | 1/1 | _ |
| 1/3 | 1 / 1 | _ |
| 1/3 | 1 / 2 | _ |
| 1 / 4 | 1 / 2 | _ |
| 1 / 4 | 1 / 2 | 1 / 2 |
| 1 / 2 | 1/1 | _ |
| 1/3 | 1/1 | - |
| 1/3 | 1 / 2 | _ |
| 1 / 4 | 1 / 2 | _ |
| 1 / 4 | 1 / 2 | _ |
| 1/5 | 1/3 | 1 / 2 |
| 1/2 | 1/1 | _ |
| 1/3 | 1/1 | _ |
| 1/3 | 1 / 2 | _ |
| 1 / 4 | 1 / 2 | _ |
| 1/5 | 1/2 | _ |
| 1/5 | 1/3 | 1 / 2 |



FORMATIONS™ Acoustical and Accent Cloud Kits – Staggered

STAGGERED CLOUD SHAPE AND SIZE SELECTION

| OTAGGETTE | D OLOOD OIIAI | L AND OIZE | OLLLOTION | | | |
|------------------------------|----------------|------------|-----------|-----------|-----------|------------------------------|
| 12" X 24" / 24" X 24" PANELS | | | | | | |
| 6' x 6' | 6' x 8' | | 6' x 10' | 6' x 12' | 6' x 14' | 6' x 16' |
| 8' x 6' | 8' x 8' | | 8' x 10' | 8' x 12' | 8' x 14' | 8' x 16' |
| 10' x 6' | 10' x 8' | | 10' x 10' | 10' x 12' | 10' x 14' | 10' x 16' |
| | | | | | | |
| 12' x 6' | 12' x 8' | | 12' x 10' | 12' x 12' | 12' x 14' | 12' x 16' |
| 14' x 6' | 14' x 8' | | 14' x 10' | 14' x 12' | 14' x 14' | 14' x 16' |
| | / 24" X 48" PA | NELS | 10 X 10 | .0 x .2 | | 24" X 48" / 24" X 96" PANELS |
| 6' x 6' | 6' x 8' | 6' x 10' | 6' x 12' | 6' x 14' | 6' x 16' | 6' x 16' |
| 8' x 6' | 8, x 8, | 8' x 10' | 8' x 12' | 8' x 14' | 8' x 16' | 8' x 16' |
| 10' x 6' | 10' x 8' | 10' x 10' | 10' x 12' | 10' x 14' | 10' x 16' | 10' x 16' |
| 12' x 6' | 12' x 8' | 12' x 10' | 12' x 12' | 12' x 14' | 12' x 16' | 12' x 16' |
| 14' x 6' | 14' x 8' | 14' x 10' | 14' x 12' | 14' x 14' | 14' x 16' | 14' x 16' |
| | | 17 % 10 | 17 A 12 | 17 A 17 | | |

16' x 16'

16' x 8'

16' x 10'

16' x 12'

16' x 14'

16' x 16'

16' x 6'

FORMATIONS™ Acoustical and Accent Cloud Kits - Planks

76% T1% RECYCLED CONTENT Calculate LEED contribution at armstrongceilings.com/greengenie **E** ш

LOCATION DEPENDENT

(continued) SPECIFY KITS, COLORS, AND PANEL SELECTIONS

HOW TO SPECIFY

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number and the panel item number.

Standard plank clouds feature 15/16" Prelude® suspension system and your choice of 2", 4", or 6" high Axiom® Vector® trim.

EXAMPLE:

1210 V4P 26V _ _

12' x 10' 4" High 2' x 6' Color Axiom Optima Suffix Cloud Vector Vector Trim Panels

Also order plank Optima® Vector® Panel Kit: 3906 (2' x 6' - 1 carton).

• If specifying a color other than White, remember to add the color suffix at the end of the Suspension Kit item number.

VISUAL SELECTION

| Cloud | Kit Item No. ◆ (Axiom Vector Trim & Suspension System) | | |
|-----------|--|--|--|
| Size | | | |
| Planks | 15/16" Prelude | | |
| 8' x 6' | 0806V _ P24V | | |
| 8' x 8' | 0808V _ P24V | | |
| 8' x 10' | 0810V _ P24V | | |
| 8' x 12' | 0812V _ P24V | | |
| 8' x 14' | 0814V _ P24V | | |
| 8' x 16' | 0816V _ P24V | | |
| 12' x 6' | 1206V _ P V | | |
| 12' x 8' | 1208V _ P V | | |
| 12' x 10' | 1210V _ P V | | |
| 12' x 12' | 1212V _ P V | | |
| 12' x 14' | 1214V _ P V | | |
| | | | |

PANEL SELECTION

Optima® Vector® **Panels**

| 2' x 4' | 2' x 6' | 2' x 8' | |
|------------------|------------------|------------------|--|
| Item 3908 (Ctns) | Item 3906 (Ctns) | Item 3907 (Ctns) | |
| 1 | - | _ | |
| 1 | - | - | |
| 1 | - | _ | |
| 2 | - | - | |
| 2 | - | - | |
| 2 | _ | _ | |
| 1 | 2 | - | |
| 2 | 2 | - | |
| 2 | 2 | _ | |
| 2 | 3 | _ | |
| 2 | 3 | _ | |
| 3 | 3 | _ | |
| 2 | - | 2 | |
| 2 | _ | 2 | |
| 2 | - | 2 | |
| 3 | - | 3 | |
| 3 | _ | 3 | |
| 3 | _ | 3 | |
| | | | |

PLANKS CLOUD SHAPE AND SIZE SELECTION

1216V _ P _ _ V _ _

1606V _ P _ _ V _ _

1608V _ P _ _ V _ _

1610V _ P _ _ V _ _

1612V _ P _ _ V _ _ 1614V _ P _ _ V _ _

1616V _ P _ _ V _ _

24" x 48" Panels

12' x 16' 16' x 6'

16' x 8'

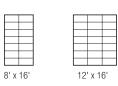
16' x 10'

16' x 12'

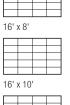
16' x 14' 16' x 16'

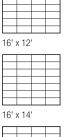
| 8' x 6' | 12' x 6' | 16' x 6' |
|----------|-----------|-----------|
| | | |
| 8' x 8' | 12' x 8' | 16' x 8' |
| | | |
| 8' x 10' | 12' x 10' | 16' x 10' |
| | | |

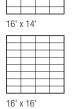
| 8' x 12' | 12' x 12' |
|----------|-----------|
| | |
| | |
| 8' x 14' | 12' x 14' |



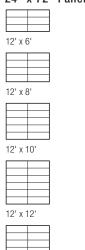


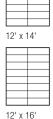


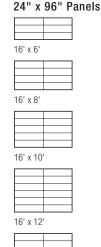


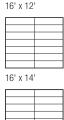


24" x 72" Panels















FORMATIONS™ Cloud Kits for Drywall



This pre-engineered drywall cloud kit looks great every time.

KEY SELECTION ATTRIBUTES

- · Pre-cut suspension system components, perimeter trim, and easy-to-adjust aircraft hanging cables make assembly and installation fast and easy
- · Perimeter trim integrates with 5/8" thick drywall (not included in kit)

COLOR

Unfinished

· Improved floating visual compared to black iron and hat channel built drywall clouds

TYPICAL APPLICATIONS

- Auditoriums
- · Performance venues
- · Open plenum spaces

Formations™ Drywall Clouds - 10' x 14' with 6" Axiom® one-piece Drywall Trim (continued): SPECIFY KITS, COLORS, AND PANEL SELECTIONS

HOW TO SPECIFY

Based on the cloud size and shape you choose, you need to specify and order the suspension and trim kit item number. Formations™ drywall cloud kits are only compatible with 5/8" thick drvwall.

Standard drywall cloud kits feature your choice of 2", 4", or 6" high unfinished Axiom® drywall trim for easy on-site painting.

EXAMPLE:

0404D A1P6UF

4' x 4' Drywall Axiom Drywall Trim

6" High One-piece Unfinished

VISUAL SELECTION

| Cloud Size | Suspension Kit Item No. (Axiom Trim & Suspension System) | Cloud Size | Suspension Kit Item No. (Axiom Trim & Suspension System) | |
|---------------|---|---------------|---|--|
| Drywall | 1-1/2" Drywall Grid | Drywall | 1-1/2" Drywall Grid | |
| 4' x 4' | 0404DA1P_ UF | 8' x 8' | 0808DA1P_ UF | |
| 4' x 6' | 0406DA1P_ UF | 8' x 10' | 0810DA1P_ UF | |
| 4' x 8' | 0408DA1P_ UF | 8' x 12' | 0812DA1P_ UF | |
| 4' x 10' | 0410DA1P_ UF | 8' x 14' | 0814DA1P_ UF | |
| 4' x 12' | 0412DA1P_ UF | 10' x 10' | 1010DA1P_ UF | |
| 4' x 14' | 0414DA1P_ UF | 10' x 12' | 1012DA1P_ UF | |
| 6' x 6' | 0606DA1P_ UF | 10' x 14' | 1014DA1P_ UF | |
| 6' x 8' | 0608DA1P_ UF | 12' x 12' | 1212DA1P_ UF | |
| 6' x 10' | 0610DA1P_ UF | 12' x 14' | 1214DA1P_ UF | |
| 6' x 12' | 0612DA1P_ UF | 14' x 14' | 1414DA1P_ UF | |
| 6' x 14' | 0614DA1P_ UF | | | |

DRYWALL CLOUD SHAPE AND SIZE SELECTION

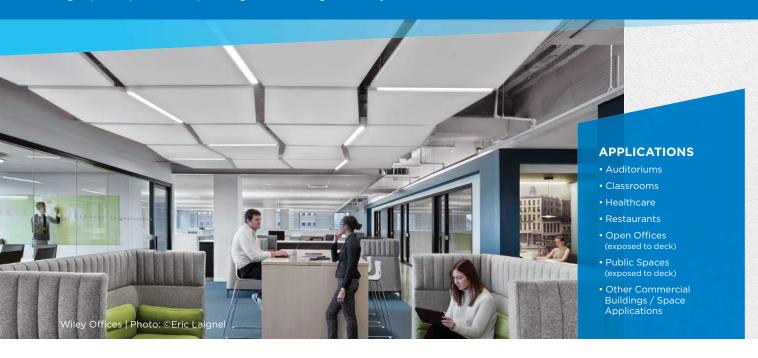
| 4' x 4' 4' x 6' 4' x 8' 4' x 10' 4' x 12' 4' x 7 | 14' |
|---|-----|
| | |
| 6' x 6' 6' x 8' 6' x 10' 6' x 12' 6' x 14' | |
| 8' x 8' 8' x 10' 8' x 12' 8' x 14' | |
| 10' x 10' 10' x 12' 10' x 14' 12' x 12' 12' x 14' 14' x | 414 |

All company, product names, and trademarks are property of their respective owners.



Clouds & Baffles Fiberglass

Acoustical, lightweight free-hanging clouds offer superior sound absorption and can be installed angled, tiered, or on a wall, offering limitless design flexibility.





FEATURES AND BENEFITS

- · Free-hanging panel with superior sound absorption
- Easy installation, can be angled up to 60°, can be layered as many as 4 deep
- Frameless panels with fully painted edges enable two-sided sound absorption
- Simple integration of lighting components
- Highly engineered Akutex[™] FT surface in white finish has perfect light diffusion (+99%)
- shapes and sizes
- Custom shapes and sizes available with Solo Freedom Program.
- content (71%)
- Solo Clouds are demountable

• Available in 20 colors and a variety of

- Extremely high post-consumer recycled

AVAILABLE HANGING OPTIONS











Clouds & Baffles Fiberglass

All products in this line feature these attributes:











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| SOLO | Dimensions | Avg Sabins/ | Pieces/ | Lbs./ |
|-----------|---|-------------|---------|--------|
| SQUARE | mm (in.) | unit | carton | carton |
| 3544 2050 | 1200 x 1200 x 40 (≈ 48 x 48 x 1-1/2) | 22.6 | 4 | |



| SOLO CIRCLE | Dimensions mm (in.) | Avg Sabins/ unit | Pieces/ carton | Lbs./ carton |
|----------------|-------------------------------|---------------------|-------------------|-----------------|
| 3544 2262 | D800 x 40 (≈ D32 x 1-1/2) | 9.4 | 4 | 24 |
| 3544 2086 | D1200 x 40 (≈ D48 x 1-1/2) | 18.6 | 4 | 51 |



| SOLO | Dimensions | Avg Sabins/ | Pieces/ | Lbs./ |
|------------|------------|-------------|---------|--------|
| CIRCLE XL* | mm (in.) | unit | carton | carton |
| 3544 2420 | D1600 x 40 | 31.5 | 1 | 24 |



| SOLO RECTANGLE | Dimensions mm (in.) | Avg Sabins/ unit | Pieces/ carton | Lbs./ carton |
|-------------------|--|---------------------|-------------------|-----------------|
| 3544 2077 | 600 x 2400 x 40 (≈ 24 x 95 x 1-1/2) | 22.7 | 4 | 65 |
| 3544 2068 | 1200 x 1800 x 40 (≈ 48 x 72 x 1-1/2) | 33.4 | 2 | 49 |
| 3544 2051 | 1200 x 2400 x 40 (≈ 48 x 95 x 1-1/2) | 43.3 | 2 | 62 |
| 3544 2612 | 1200 x 3000 x 40 (≈ 48 x 118 x 1-1/2) | 51.1 | 2 | 78 |



| SOLO | Dimensions | Avg Sabins/ | Pieces/ | Lbs./ |
|-----------|---|-------------|---------|--------|
| TRAPEZOID | mm (in.) | unit | carton | carton |
| 3544 7245 | 1168 x 1168 x 40 (≈ 46 x 46 x 1-1/2) | 19.2 | 4 | |



| SOLO | Dimensions | Avg Sabins/ | Pieces/ | Lbs./ |
|-----------|---|-------------|---------|--------|
| HEXAGON | mm (in.) | unit | carton | carton |
| 3544 2254 | 1040 x 1200 x 40 (= 41 x 47 x 1-1/2) | 15.9 | 4 | |

SOLO FREEDOM

*Solo Circle XL ships in 2 pieces

Ecophon Solo Freedom enables endless design possibilities. Design almost any shape based on a 1200 x 1200, 2400 x 1200, or 3000 x 1200 panel. Quick-ship options available for select Solo Cloud and Baffle shapes.

Average Sabins per unit calculations based on 1000 mm depth of system at NRC frequencies











Contact your local Sales Representative for more information or call 800-233-8990



CONFIGURATION SUGGESTIONS





INDIVIDUAL SUSPENSION Individual clouds can be easily suspended using standard factory anchors and adjustable aircraft hanger wire—no special tools required—for a clean, elegant look.





STACKED OR LAYERED
For added depth, texture
and acoustic control, hang
multiple Ecophon Solo
clouds in tiered layers.
Included hardware and
hanger wires can support
up to 4 flat or 3 angled
panels in one tier.





ANGLED
To add a sense of movement to your ceiling design, or to create a sculptural point of interest that doubles as sound absorption, Ecophon Solo clouds can be suspended at varying angles up to 60°.

Clouds & Baffles Fiberglass

ACCESSORIES

| SOLO ACCESSORIES | | Product Name | Pieces/carton | Use |
|------------------|-----------|---|---------------|---|
| | 2647 2270 | Connect Absorber Anchor | 4 | For suspension of Ecophon Solo panels |
| | 2647 2290 | Connect Absorber Anchor | 24 | For suspension of Ecophon Solo panels |
| | 2647 2171 | Connect Absorber Anchor Bit | 5 | 4 mm allen key bit for Connect Absorber Anchor |
| | 2647 2174 | Connect Adjustable Wire Hanger Wire Length: 2000 mm | 24 | For hanging attachment of Solo panels to structure (6′-6″ in length) |
| | 2647 2180 | Connect Adjustable Wire Hanger Wire Length: 5000 mm | 24 | For hanging attachment of Solo panels to structure (16´-4´ in length) |
| | 2630 0691 | Connect Edge Sealant White* | 1 | For re-sealing cut edges (typically 100-150 lf/container); 1 liter Container |
| \$ | 2630 0048 | Connect Absorber Bracket | 24 | For suspension of Solo™ clouds close to structure (50-70 mm). Used with Connect Absorber Anchor. |
| • | 2630 0049 | Connect Absorber Bracket | 24 | For suspension of Solo™ clouds close to structure (70-90mm). Used with Connect Absorber Anchor. |

^{*}Connect Edge Sealant is available in all standard colors. Please contact your local Sales Representative or call 800-233-8990.

PHYSICAL DATA

MATERIAL

Fiberglass

ASTM E1264 CLASSIFICATION Type XII, Form 2, Pattern G

FIRE CLASS (ASTM E1264)

All are Class A per ASTM E84 & CAN S102 Flame Spread: 25 or less Smoke Developed: 50 or less

MOLD/MILDEW RESISTANCE

Fiberglass substrate is inherently resistant to the growth of mold and mildew.

MAINTENANCE

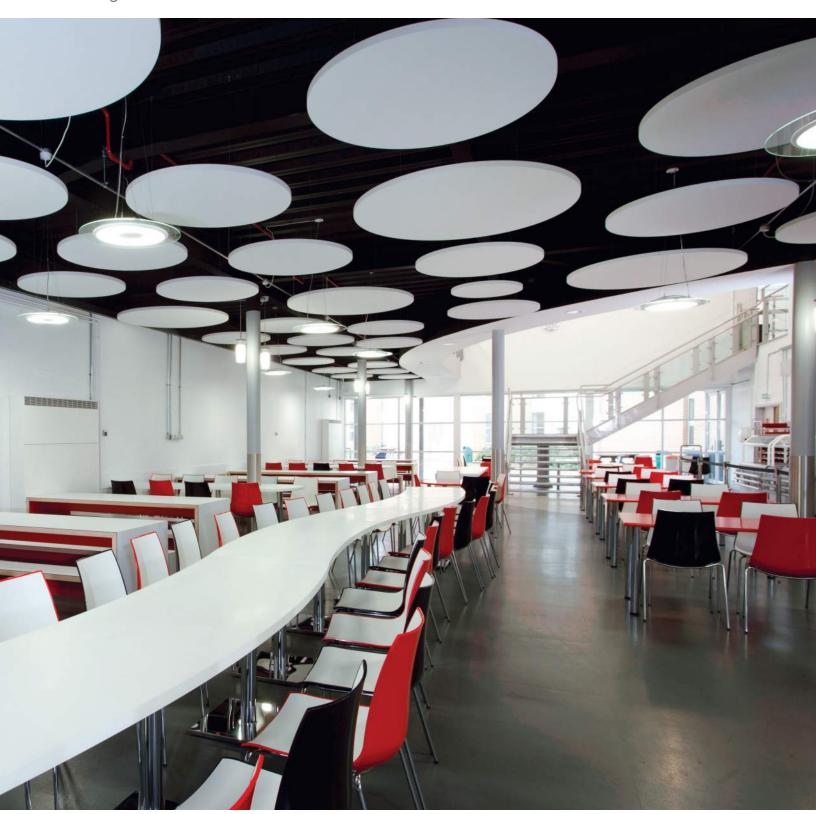
Wipe with a soft cloth or vacuum with brush attachment. Cleanable with mild detergent.

WARRANTY

10-year Ecophon Warranty increases to 15 years when installed with CertainTeed suspension systems. Full warranty information can be found at certainteed.com/ceilings.



Clouds & Baffles Fiberglass





Wood Ceilings & Walls

This line of prefabricated veneered beams creates unique ceiling designs and can be used to complement additional ceiling and walls products to provide depth, separation, and visual interest for a comprehensive visual.



SOLID WOOD SIMULATED FINISHES

Basswood finished to simulate the natural color and appearance of each species for cost-effectiveness and visual consistency



VENEERS AND FINISHES



Actual shades or grains may vary; request a sample for more accurate finish portrayal. Additional special order options available.

FEATURES AND BENEFITS

- Order from our extensive library of veneers and finishes, or specify a custom wood, veneer, finish, paint color or laminate to match project elements
- Installs on strut as large-format baffles or beams to create visual interest, separation, or depth
- Beams available in widths up to 6". heights up to 16", and lengths up to 10'

Bamboo Veneers

• FSC® available on request



¹Recycled content applies to veneered products only

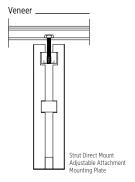
²Ask about FSC® availability (FSC-C151918)

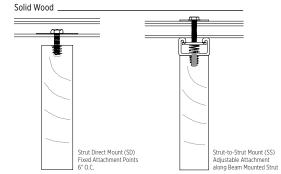
Additional Credits may apply; contact Wood Ceilings and Walls Technical Sales for information

LEED® is a registered trademark of the U.S. Green Building Council.



MOUNTING





VENEERED BEAM CONFIGURATION OPTIONS

- Open on both ends for splice attachment to two adjacent beams (OE)
- Open on one end for splice attachment to one beam and closed on exposed opposite end (OC)
- Closed on both visible ends (CE)







Open End & Closed End (OC) (Single Splice Attachment; Splice Plate Shown)



Closed Ends (CE) (Independent Beam)

Dimensions (in.)

| STANDARD PRODUCT OFFERING | | | Beam Height | Beam Length | Configuration Options | Finish | Weight (lbs. / sq. ft.) | Fire Class |
|--|--------|-------|----------------|----------------|--------------------------|------------|----------------------------|------------|
| Veneer Strut Direct Mount | | | | | | | | |
| | 8005 | 2 | 4 | 96 | 0E, 0C, CE | Veneer | 2.0 | А |
| l¶1 | 8010 | 2 | 6 | 96 | 0E, 0C, CE | Veneer | 3.0 | А |
| l | 8015 | 4 | 4 | 96 | 0E, 0C, CE | Veneer | 2.5 | Α |
| LHJ | 8020 | 4 | 6 | 96 | 0E, 0C, CE | Veneer | 3.4 | А |
| Solid Wood Strut Direct Mount (SD) | | | | | | | | |
| | 8105SD | 1-1/2 | 4 | 96 | SD | Solid Wood | 1.25 | А |
| | 8110SD | 1-1/2 | 6 | 96 | SD | Solid Wood | 1.9 | А |
| | | | | | | | | |
| Solid Wood Beams Strut-to-Strut Mount (SS) | | | | | | | | |
| | 8205SS | 1-1/2 | 4 | 96 | SS | Solid Wood | 1.4 | А |
| M | 8210SS | 1-1/2 | 6 | 96 | SS | Solid Wood | 2 | А |
| | | | | | | | | |

SPECIAL ORDER BEAM DIMENSIONS

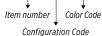
| | Veneer | Solid Wood* |
|--------|-----------|--------------|
| Height | Up to 16" | Up to 12" |
| Width | 2" - 6" | Up to 2-1/2" |
| Length | Up to 10' | Up to 10' |

*Width, Height and Length Combinations vary by Species

UNDERSTANDING ITEM NUMBERS

To specify or order a specific product, include the 4-digit Item Number followed by the 2-character Configuration Code and the 4-character Color Code.

Example: To order a 2" wide, 4" high Veneer Strut Direct Mount beam with Closed Ends in Natural Cherry, the item number would be **8005 CE VPCO**



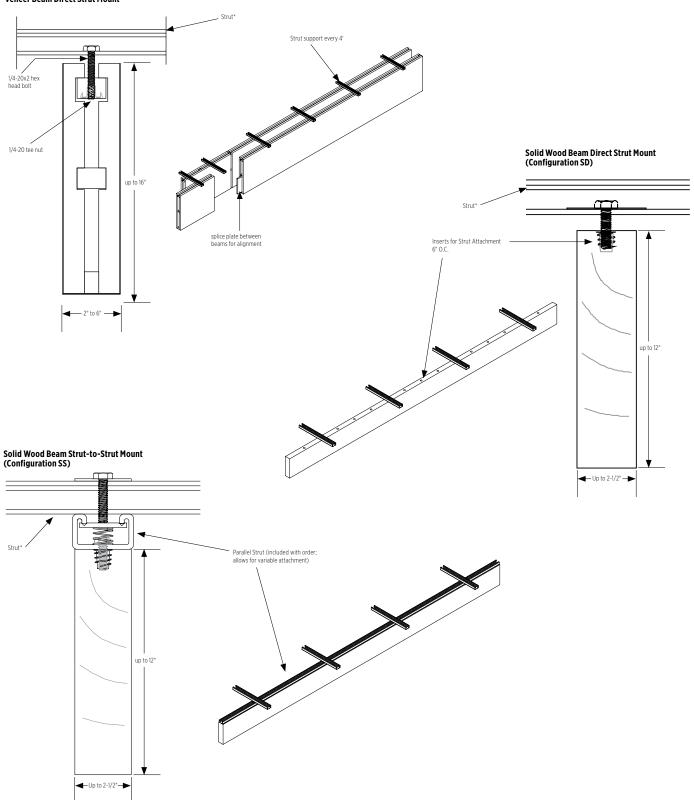


BEAMS

Wood Ceilings & Walls

MOUNTING AND HARDWARE

Veneer Beam Direct Strut Mount



*Attachment hardware provided with order; Strut by others



SPECIAL ORDER SOLID WOODS AND FINISHES



SPECIAL ORDER VENEERS AND FINISHES



Actual shades or grains may vary; request a sample for more accurate finish portrayal.





PHYSICAL DATA

Fire-Retardant MDF, Fire-Retardant Particle Board, or solid basswood

SURFACE FINISH

Clear topcoat with 20% sheen

FIRE CLASS

Veneered Products: Class A per ASTM E84/ULC S102 Flame Spread: 25 or less Smoke Developed: 50 or less

Solid Wood Products: Class C per ASTM E84/ULC S102 Flame Spread: 200 or less Smoke Developed: 450 or less

SITE CONDITIONS

Wood panels must be acclimatized for 72 hours prior to installation. Maintain relative humidity between 25% and 55% and temperature between 50°F and 89°F (10°C and 32°C) for the life of the product. Wood is a natural material with varying grain and color characteristics. Characteristics may vary from panel to panel.

SEISMIC RESTRAINT

See installation instructions for seismic area installation information.

WARRANTY

Full warranty information can be found at Certain Teed. com/ceilings.

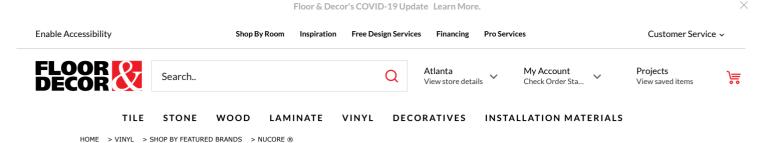


SPECIFICATIONS

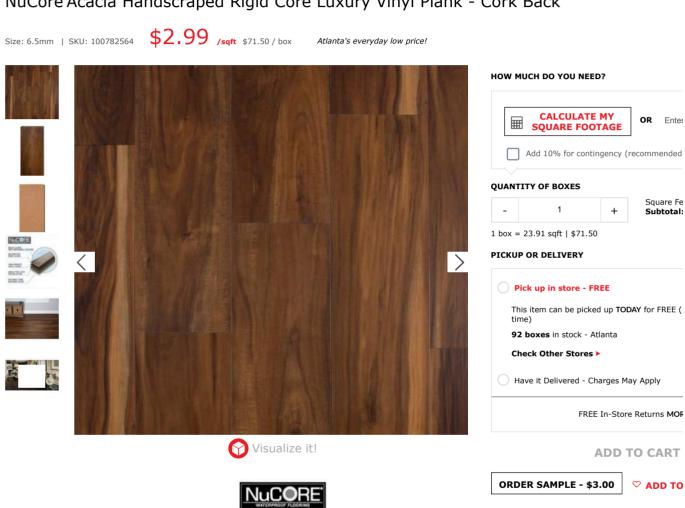
09 60 00 FLOOR FINISHES

POLISHED CONCRETE LUXURY VINYL TILE TILE CARPETING FLOOR TILE

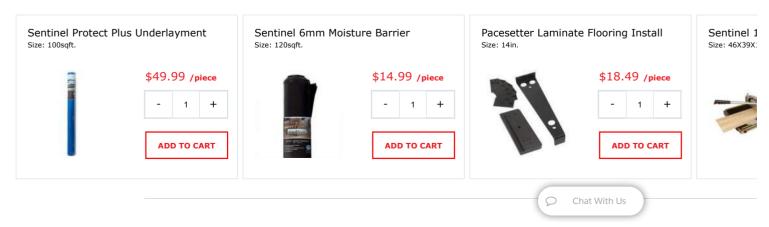




NuCore Acacia Handscraped Rigid Core Luxury Vinyl Plank - Cork Back



MATERIALS YOU NEED FROM START TO FINISH



SPECIFICATIONS

| Product Length | 48.8 | Product Width | | 7.6 | Product (i) Thickness | 6.5mm |
|-----------------------------------|---|--------------------------|-----|----------------------------|---------------------------------|-------------------------------------|
| Box Length | 7.600 | Box Width | | 48.820 | Box Weight (lbs) | 33.95 |
| Material | Rigid Core Luxury Vinyl Plank & Tile | Color | | Brown | Shade | Medium |
| Edge | Micro Beveled | Texture | (i) | Handscraped | Gloss Level | Low |
| Wear Layer (i |) 22MIL | Attached Pad | (i) | Cork | Water (i) Resistance | Waterproof |
| Scratch Resistant |) Yes | Dent Resistant | | Yes | Stain Resistant (i) | Yes |
| Installation Type (i |) Floating/ Locking | Elevation | (i) | On/ Above/ Below | Placement | Indoor |
| Installation (i |) Floor Only | Approved for Sunrooms | (i) | Yes if Glued Down | Commercial / Residential Use | Residential/ Commen |
| Minimum Acclimation (i Time | No Acclimation Required | Subfloor | (i) | All | Underlayment | Sentinel Protect Plu Recommended |
| Cleaning Method (i | Vacuum, Wet Mop, Steam Mop | Warranty | (i) | Lifetime Res./ 15 Yr Comm. | | |

PRODUCT DETAILS

6.5mm NuCore® Acacia Handscraped Rigid Core Luxury Vinyl Plank - Cork Back looks and feels like wood and tile, but can be installed where real wood cannot. quick and easy installation, it's the perfect flooring option for any room! Even better, the anti-microbial coating on each plank makes it resistant to staining or od

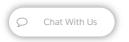
- 100% waterproof—Install it in virtually any room in the home (kitchens, full bathrooms, and basements).
- Install up to 6,400 square feet—No need for transition molding
- You can install it right away—Pre-installation acclimation is unnecessary.
- Pre-attached hypoallergenic natural cork underlayment for a quieter, warmer floor.
- Anti-microbial coating on top is naturally resistant to staining and odor-causing mold and mildew.
- Features a floating angle-and-tap installation method. No glue or nails required.
- Can be installed over most existing hard-surface flooring.
- This NuCore® product is backed by a lifetime res./ 15 yr comm. warranty.

It is recommended to use Sentinel Protect Plus Underlayment for optimal sound absorption and moisture resistance or a standard vapor barrier like 6mil PE Film.

BLOGS & VIDEOS

INSTALL & PRODUCT DOCUMENTS

COORDINATING TRIM PIECES



Ⅲ Mohawk Group

Visual Edge Collection

Mohawk Group



DESIGN

Product Type: Tile Construction: Tufted No Minimum Minimum Sq Yd:

Textured Patterned Loop Surface Texture: Gauge: 1/12 (47.00 rows per 10 cm) Tufted Pile Weight: 15 oz/yd2 (509 g/m2) Finished Pile Thickness: .104" (2.64 mm) 11.0 (43.31 per 10 cm) Stitches Per Inch: Dye Method: Solution Dyed

Fiber Type: Colorstrand® SD Nylon

Stain Release Technology: EcoSentry Plus Stain Protection **EcoSentry Soil Protection** Soil Release Technology:

Density: 5,192 Weight Density: 77,884 Backing Material: **EcoFlex Matrix**

Installation Method: Half Lap, Plank Half Lap, Herringbone 12" x 36" (.3048 m x .9144 m)

Pattern Repeat:

Not Applicable



Indigo Ink Quickship Available



Warm Neutral Quickship Available



Wet Cement Quickship Available



948 Rustic Taupe Quickship Available



Metal Grey Quickship Available



Dark Charcoal Quickship Available

SUSTAINABILITY

Pre-Consumer Recycled Content: 52%

NSF 140: EcoFlex Matrix - NSF 140 Gold CRI Green Label Plus GLP1171 Indoor Air Quality: Declare Label: **Declared Red List Free**

PERFORMANCE

Flammability: ASTM E 648 Class 1 (Glue Down) Smoke Density: ASTM E 662 Less than 450 Static Propensity: AATCC-134 Under 3.5 KV

Foot Traffic Recommendation TARR: Heavy

SERVICE

Warranties:

Lifetime Limited Carpet Tile Warranty, Lifetime Limited Colorfastness to Light, 10 Year Colorfastness to Atmospheric Contaminants, 10 Year Stain Warranty, 10 Year Limited Static

Ⅲ Mohawk Group

Visual Edge Collection Mohawk Group



DESIGN

Product Type: Tile Construction: Tufted No Minimum Minimum Sq Yd:

Surface Texture: **Textured Patterned Loop** Gauge: 1/12 (47.00 rows per 10 cm) Tufted Pile Weight: 15 oz/yd2 (509 g/m2) Finished Pile Thickness: .092" (2.34 mm) Stitches Per Inch: 11.2 (44.09 per 10 cm)

Dye Method: Solution Dyed

Colorstrand® SD Nylon Fiber Type:

Stain Release Technology: EcoSentry Plus Stain Protection **EcoSentry Soil Protection** Soil Release Technology:

5,869 Density: Weight Density: 88,043 Backing Material: **EcoFlex Matrix**

Monolithic, Half Lap, Brick Ashlar, Basket Weave, Plank Half Lap, Random, Herringbone Installation Method:

Size: 12" x 36" (.3048 m x .9144 m)

Pattern Repeat: Not Applicable



Indigo Ink Quickship Available



Warm Neutral Quickship Available



Wet Cement Quickship Available



948 Rustic Taupe Quickship Available



Metal Grey Quickship Available



Dark Charcoal Quickship Available

SUSTAINABILITY

Pre-Consumer Recycled Content:

NSF 140: EcoFlex Matrix - NSF 140 Gold Indoor Air Quality: CRI Green Label Plus GLP1171 Declare Label: **Declared Red List Free**

PERFORMANCE

Flammability: ASTM E 648 Class 1 (Glue Down) Smoke Density: ASTM E 662 Less than 450 Static Propensity: AATCC-134 Under 3.5 KV

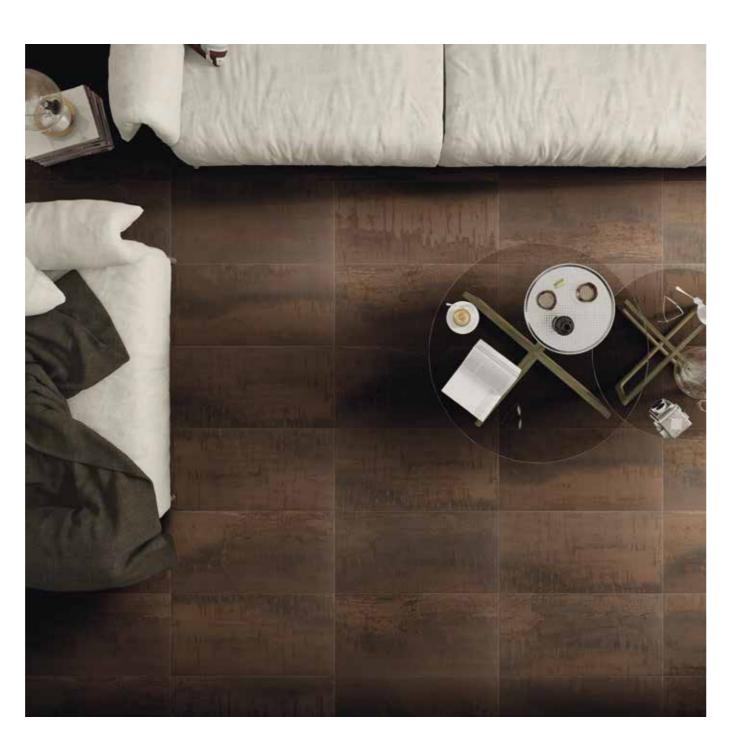
Foot Traffic Recommendation TARR: Heavy

SERVICE

Warranties:

Lifetime Limited Carpet Tile Warranty, Lifetime Limited Colorfastness to Light, 10 Year Colorfastness to Atmospheric Contaminants, 10 Year Stain Warranty, 10 Year Limited Static

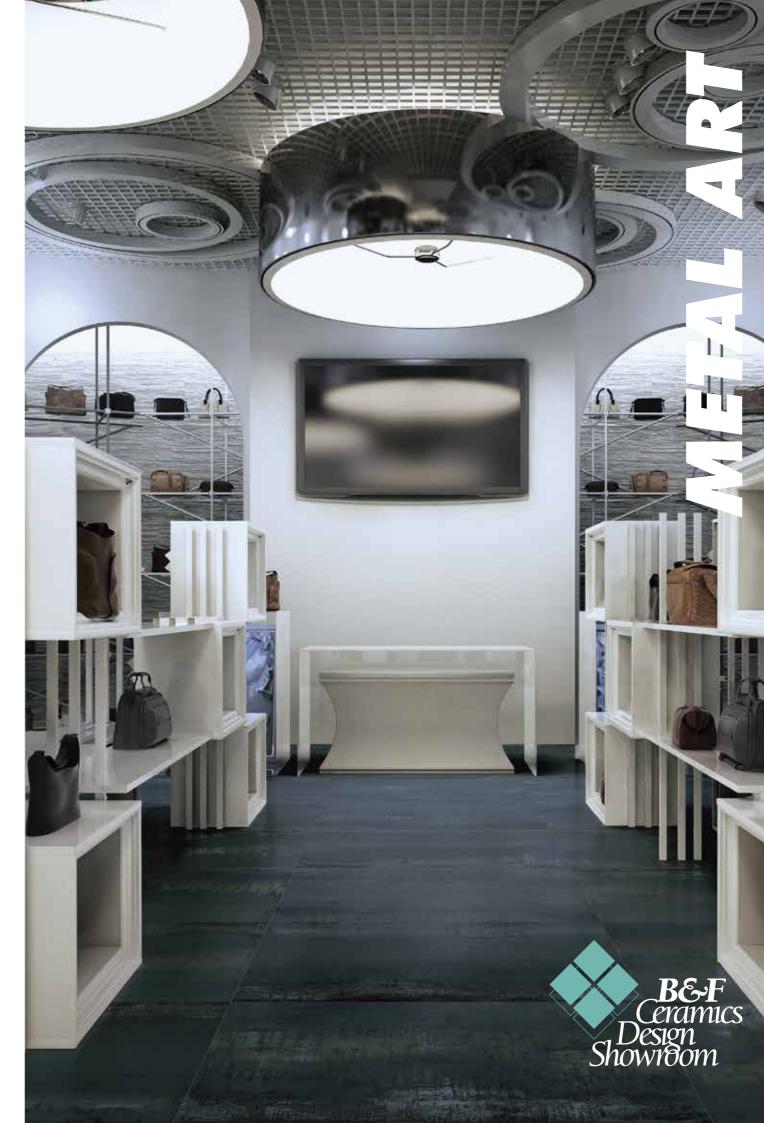
METAL ART COPPER











METAL ART









\$2448MAC COPPER • 24"x48" RECT



\$1224MAC COPPER • 12"x24" RECT

S412MAC COPPER • 4"x12" RECT



S4HMAC 4" HEXAGON MOSAIC COPPER • 12"x13"



S22MAC Mosaic Copper • 2"x2"





METAL ART





METAL ART





METAL ART









OXIDE





\$2448MAO OXIDE • 24"x48" RECT



\$1224MAO OXIDE • 12"x24" RECT

S412MAO OXIDE • 4"x12" RECT



S4HMAO 4" HEXAGON MOSAIC OXIDE • 12"x13"

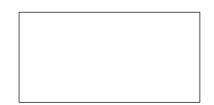


S22MAO Mosaic Oxide • 2"x2"



LIGHT SILVER





\$2448MALS LIGHT SILVER • 24"x48" RECT



\$1224MALS LIGHT SILVER • 12"x24" RECT





S4HMALS 4" HEXAGON MOSAIC LIGHT SILVER • 12"x13"



S22MALS Mosaic Light Silver • 2"x2"

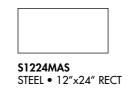


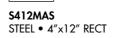






S2448MAS STEEL • 24"x48" RECT







4" HEXAGON MOSAIC STEEL • 12"x13"



S22MAS Mosaic Steel • 2"x2"



DARK







S4HMAD 4" HEXAGON MOSAIC DARK • 12"x13"



S22MAD MOSAIC **DARK • 2"x2"**

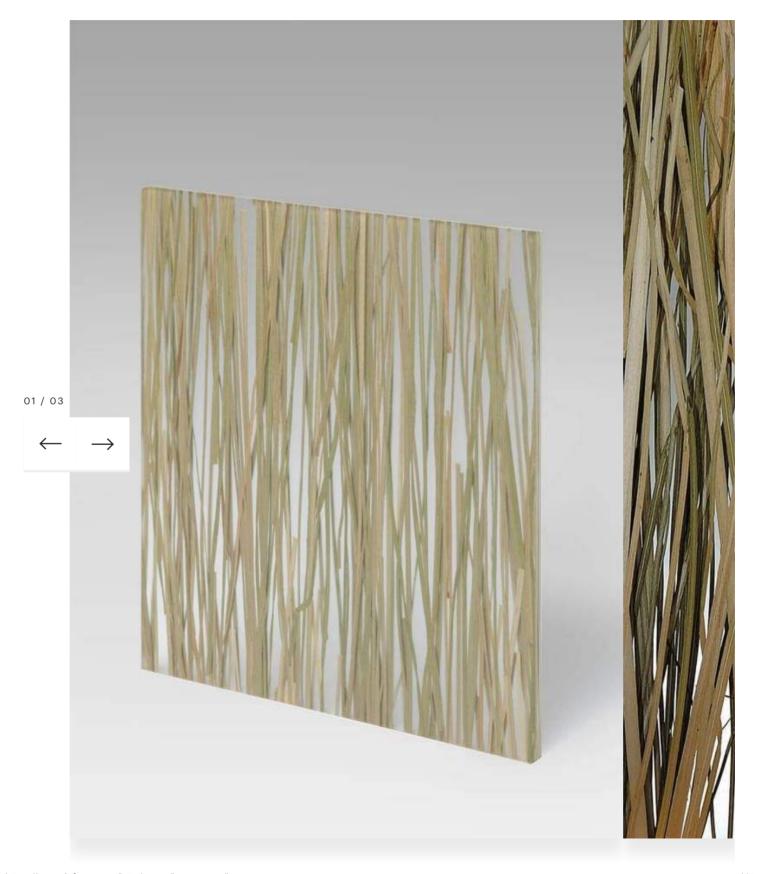


SPECIFICATIONS

09 70 00 WALL FINISHES / 09 90 00 PAINTING AND COATING

ACRYLIC TRANSLUCENT PANELS CHALKBOARD PAINT DRY ERASE COATING FELT WALL COVERING INTERIOR PAINT WALL TILES





Bear Grass

This stout, woody, tactile perennial is a visual feast that can be used lightly, as a fade, or full on for maximum density.

Varia - ideal for partitions



Order Sample



Download High-Res Image

Colors & Variants / Bear Grass















Details

Gauges

Varia: 1/8", 3/16", 1/4", 3/8", 1/2", 3/4", 1"

Infinite Glass: 3/8", 7/16", 1/2", 9/16", 5/8", 7/8", 15/16",

11/8", 13/16"

Panel Sizes

Varia: 48" x 96", 48" x 120", 60" x 120"

Infinite Glass: 48" x 96"

Pattern Direction

Parallel to 8'

Available Materials



Varia

Price Group



Disclaimer

Note: Pattern is randomized according to natural disposition and placement of products. Pattern direction is also available in a horizontal layup (parallel to the 4' side) The varia system panels utilizing natural products as a decorative interlayer may change in appearance over time. Natural materials are also subject to inherent inconsistency in color, texture and shape. This product is available in 1/8" in a single layer density (50% density of the two-layer, 1/4" product that is standard) in order to accommodate the change to a thinner gauge.

Materials

To Realize Your Vision



Varia

Form, Texture, and Light in One Groundbreaking Material Home / Paint / Craft Paint / Chalkboard Paint

Customers Who Viewed This Also Viewed



Rust-Oleum Specialty 30 oz. Dark Gray

(227)



Rust-Oleum Specialty 30 oz. Clear Chalkboard

\$21⁴⁶/case



Rust-Oleum Specialty 16 oz. Gloss White Dry

\$**21**⁵⁸



Rust-Oleum Specialty 11 oz. Chalkboard Flat

\$418



Rust-Oleum Specialty 11 oz. Chalkboard Flat

\$**4**42





Internet #100141287

\$21⁵⁸

Model # 206540

Store SKU #125652



Share

Save to Favorites

Print

Rust-Oleum Specialty

30 oz. Flat Black Chalkboard Paint

(446)

Write a Review

Questions & Answers (139)

- · Creates a fun and functional black chalkboard virtually anywhere
- · Works on wood, metal, concrete, masonry, drywall, glass and more
- Indoor formula provides a scratch resistant, easy-to-clean finish

\$10⁹⁸

Save up to \$100° on your qualifying purchase. Apply for a Home Depot Consumer Card

How to Get It

Home / Fitness & Sports / Outdoor Activities / Geocaching / Geocaching Hiding Gear /

Shoppers Also Considered...

shop more geocaching



\$99.90

AplusBuy Portable Hobby Airbrush Spray Booth Paint Kit Exhaust Filter LED Light Set Model



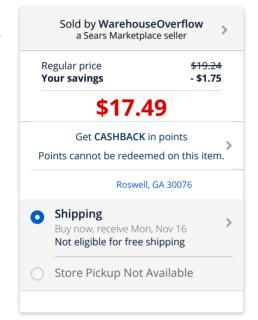
\$19.90

Dan&Darci Rock Painting Kit for Kids - Arts and Crafts for Girls & Boys Ages 6-12 - Craft Kits Art Set - Supplies for Painting Rocks -...

Krylon Dry Erase Brush Quart Paint, White, 6 1

Description









add to list

add to registry ▼

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All marketplace sales are backed by our Sears Marketplace Guarantee. If you're not satisfied with your experience, Sears will step in and help. If we can't, we'll refund the cost of your order - including shipping. Limitations apply. Learn more

Description Item # SPM13207887330 Model # K03943000

Krylon Dry Erase Brush Quart Paint, White, 61



About

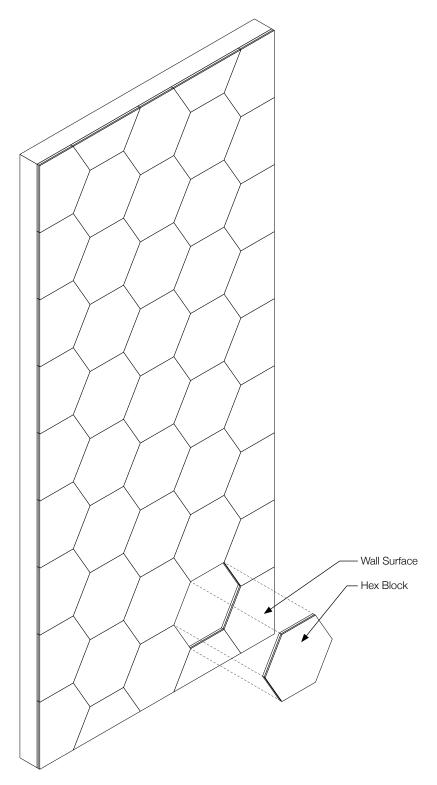




Like its Hanging Panel cousin, Hex is evocative of a honeycomb with its six-sided shape. Available in over sixty colors of 100% Wool Design Felt mounted to a high-performing acoustic substrate, the modular tiles install easily with heavy-duty construction adhesive while providing sound absorption and natural texture.



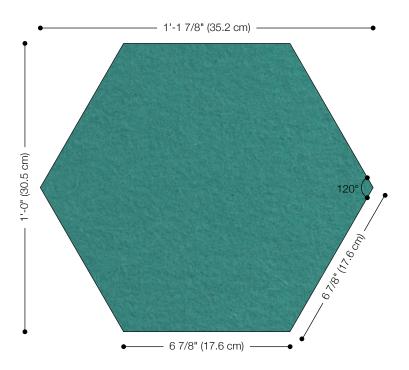
About



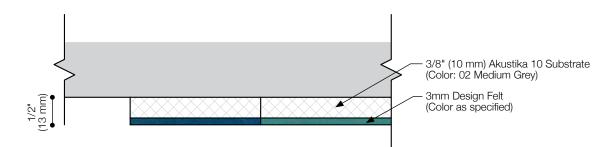
Exploded Axonometric Not to scale



Standard Size



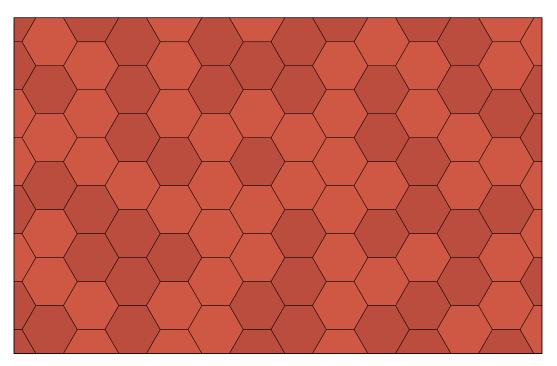
Elevation Scale: 3" = 1'-0"



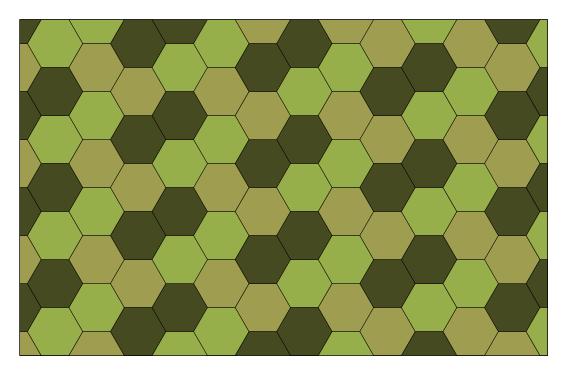
Plan Detail at Edge

Scale: 6" = 1'-0"

Suggested Configurations



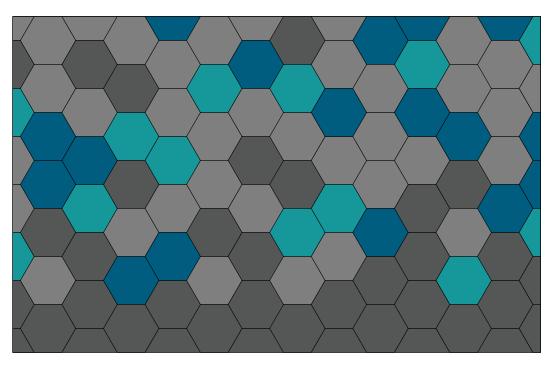
2-Color Pattern Code: FF-AK-BLHE-001



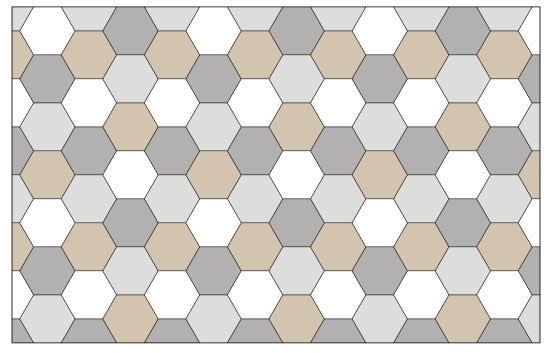
3-Color Pattern Code: FF-AK-BLHE-002



Suggested Configurations



4-Color Pattern Code: FF-AK-BLHE-003



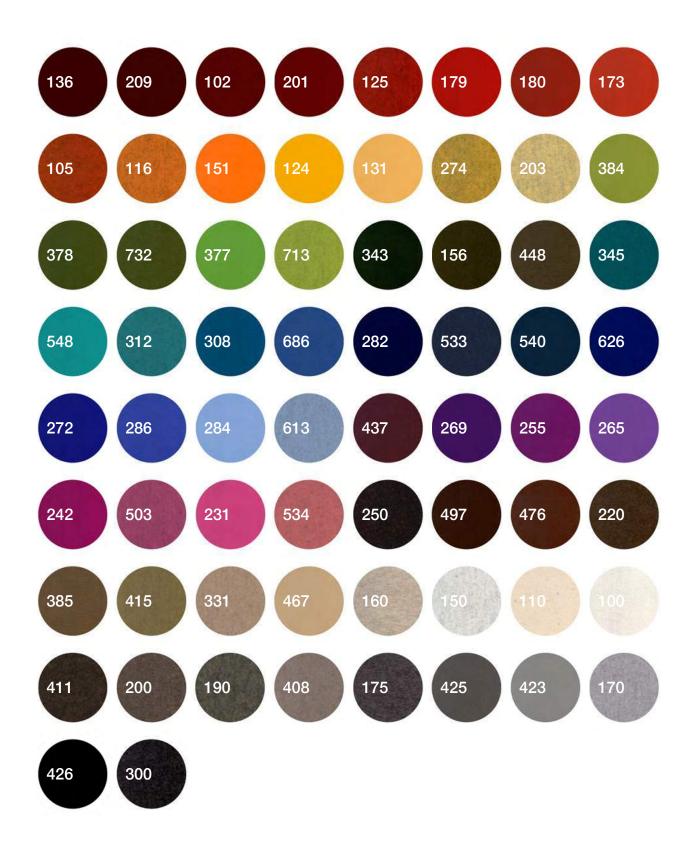
4-Color Pattern Code: FF-AK-BLHE-004

Suggested Configurations

| Name | Hex Block |
|---------------------------|---|
| Content | 100% Wool Design Felt + Akustika 10 Substrate |
| Tile Thickness | 1/2 in (13 mm) |
| Thickness Tolerance | ±1/16 in (2 mm) |
| Tile Size | 1'-1 7/8" x 1'-0" (35.2 x 30.5 cm) |
| Durability | Contract or residential |
| Maintenance | Vacuum occasionally to remove general air-borne debris. Should soiling occur, spot clean with mild soap and lukewarm water. Avoid aggressive rubbing as this can continue the felting process and change the surface appearance of the felt. Refer to 100% Wool Design Felt Maintenance + Cleaning for detailed care instructions. |
| Lead Time | Made to order and certain lead times will apply |
| Environmental | 100% Wool Design Felt is 100% biodegradable and Akustika 10 Substrate is 100% recyclable Contains no formaldehyde, 100% VOC free, no chemical irritants, and free of harmful substances 100% Wool Design Felt contributes to LEED© |
| Design Tool | A Design Tool is available to assist in the design of Block tiles. This tool allows patterns to be configured and is available at: dt.filzfelt.com |
| Installation | Tiles attach to a wall surface using a heavy-duty construction adhesive and may be trimmed to size with a utility knife. |
| Custom | Standard pricing applies to standard size and shape only—other sizes, shapes, and mounting options must be quoted. 5mm felt available with a 10% upcharge. |
| Variation | Wool felt is a natural material and color variation and inclusions of natural fiber on the surface are evidence of the 100% natural origin of the material. Product color is only indicative, as it is not possible to assure consistency of color in a natural product due to the natural color of raw wool and absorption of dyes. Color matching cannot be guaranteed on shipments and variation will be more pronounced beyond the normal commercial range. |
| Acoustics | ASTM C 423: NRC – 0.50, SAA – 0.51 |
| Colorfastness to Light | Class 4-5 (40 hours) |
| Colorfastness to Crocking | Class 3–4 (wet), Class 4–5 (dry) |
| Environmental | Oeko-Tex© Standard 100 Certified Product Class II (100% Wool Design Felt + Akustika 10 Substrate) Meets VOC test limits for the CDPH v1.2 method (100% Wool Design Felt + Akustika 10 Substrate) |
| Flammability | Test reports available upon request |



Standard Felt Colors





Standard Substrate Color

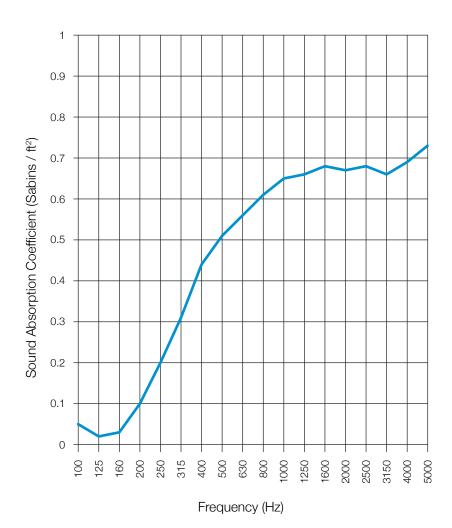




Sound Absorption Results

| Frequency (Hz) | Sound Absorption Coefficient (Sabins / ft²) |
|-------------------|--|
| 100 | 0.05 |
| 125 | 0.02 |
| 160 | 0.03 |
| 200 | 0.10 |
| 250 | 0.20 |
| 315 | 0.31 |
| 400 | 0.44 |
| 500 | 0.51 |
| 630 | 0.56 |
| 800 | 0.61 |
| 1000 | 0.65 |
| 1250 | 0.66 |
| 1600 | 0.68 |
| 2000 | 0.67 |
| 2500 | 0.68 |
| 3150 | 0.66 |
| 4000 | 0.69 |
| 5000 | 0.73 |





Hex Block Test Report

The test report quotes the frequency dependent sound absorption data as well as the single number ratings. Data taken from Test Report NGC 4017035 conducted by NGC Testing Services.

Complete test results are available upon request.

ProMar® 200 HP Zero V.O.C.

Interior Acrylic Semi-Gloss

B31-1900 Series



CHARACTERISTICS

ProMar 200 HP Zero V.O.C. Interior Acrylic is a high performance durable, professional quality, interior acrylic finish for use on walls, ceilings, and trim of primed plaster, wallboard, wood, masonry, and primed metal.

ProMar® 200 HP Zero V.O.C. Interior Acrylic is for commercial or light industrial projects that require greater durability and abrasion resistance.

MPI® compliance in Standard, High Performance, Institutional and X-Green® categories.

Color: Most Colors
To optimize hide and color development, always use

the recommended P-Shade primer

350 - 400 sq. ft. per gallon @ 4 mils wet;

4 mils wer, 1.5 mils dry

Drying Time, @ 77°F, 50% RH:

Touch: 1 Hour Recoat: 4 Hours

Drying and recoat times are temperature, humidity, and film thickness dependent

Finish: 25-35 units @ 60°

Tinting with CCE only:

Coverage:

| Base: oz. per Stro gallon | |
|------------------------------|---------|
| High Ref White 0-6 She | erColor |
| Extra White 0-6 She | erColor |
| Deep Base 4-12 She | erColor |
| Ultradeep Base 10-12 She | erColor |

Extra White B31W01951

(may vary by color)

V.O.C. (less exempt solvents):

less than 50 grams per litre; 0.42 lbs. per gallon As per 40 CFR 59.406

Volume Solids: $37 \pm 2\%$ Weight Solids: $47 \pm 2\%$ Weight per Gallon:10.08 lbsFlash Point:N/AVehicle Type:Acrylic

Shelf Life: 36 months unopened WVP Perms (US): 31.28 grains/(hr ft² in Hg)

*Anti-microbial

This product contains agents which inhibit the growth of mold and mildew on the surface of this paint film.

COMPLIANCE

As of 08/05/2020, Complies with:

| отс | Yes |
|----------------------------|-----|
| OTC Phase II | Yes |
| SCAQMD | Yes |
| CARB | Yes |
| CARB SCM 2007 | Yes |
| Canada | Yes |
| LEED® v4 & v4.1 Emissions | Yes |
| LEED® v4 & v4.1 V.O.C. | Yes |
| EPD-NSF® Certified | Yes |
| MIR-Manufacturer Inventory | Yes |
| MPI® | Yes |
| | |

APPLICATION

Apply at temperatures above 50°F. No reduction needed.

Brush

Use a nylon-polyester brush. Purdy XL Elite

Roller:

Use a 3/8 to 3/4 inch nap synthetic cover. Purdy Marathon.

For specific brushes and rollers, please refer to our Brush and Roller Guide.

Spray—Airless

Pressure 2000 p.s.i. Tip .017-.021 inch

APPLICATION TIPS

Make sure product is completely agitated (mechanically or manually) before use.

Priming and application of two coats at the recommended film thickness can help where hiding of a previous coating or application to new drywall is a factor.

Using the same method of application and batch to touch up with as that originally used will help improve touch up.

When original application was by spray, preconditioning of touch up paint by running it through the spray tip will help touch up appearance.

SPECIFICATIONS

Block:

1 coat ConFlex Block Filler*
2 coats ProMar 200 HP Zero V.O.C. Interior Latex

Drywall:

1 coat ProMar 200 Zero V.O.C. Latex Primer 2 coats ProMar 200 HP Zero V.O.C. Interior Latex

Masonry:

1 coat Loxon Concrete and Masonry Primer* 2 coats ProMar 200 HP Zero V.O.C. Interior Latex

Plaste

1 coat Loxon Concrete and Masonry Primer* 2 coats ProMar 200 HP Zero V.O.C. Interior Latex

Wood:

1 coat Premium Wall and Wood Primer* 2 coats ProMar 200 HP Zero V.O.C. Interior Latex

*These primers contain less than 50 grams per litre V.O.C.

Other primers may be appropriate.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

ProMar® 200 HP Zero V.O.C.

Interior Acrylic Semi-Gloss

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (**NIOSH** approved) and proper containment and cleanup. For more information, call the National Lead Information Center at **1-800-424-LEAD** (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer-sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

Caulking:

Gaps between walls, ceilings, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.

Drywall:

Fill cracks and holes with patching paste/ spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

Masonry, Concrete, Cement, Block:

All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer.

SURFACE PREPARATION

Mildew:

Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach-water solution.

Plaster:

Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with clear water and allow to dry.

Wood:

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.

CAUTIONS

For interior use only.
Protect from freezing.
Non-photochemically reactive.

Before using, carefully read **CAUTIONS** on label

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eves and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

HOTW 08/05/2020 B31W01951 09 00 FRC,SP

CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.





TECHNICAL DATA*

ANSI A137.1: 2012 Version 1 Glazed Wall Tile, Class P4 · Non-Vitreous · 7.0% < w.a. ≤ 20.0%

| | Property | Test Method | Minimum | Maximum | Obs. | Results |
|--------------|------------------------|-------------|---|------------------------------|------|--------------------|
| | | C | ALIBRATED TILES | | | |
| | Nominal Size | ASTM C499 | -2.00% | 2.00% | - | OK |
| | Caliber Range | ASTM C499 | -0.30% or -0.04 in (-1.0 mm) | 0.30% or 0.04 in (1.0 mm) | 1 | ± 0.25% |
| X | Warpage Edge | ASTM C485 | -0.30% or -0.04 in (-1.0 mm) | 0.40% or 0.05 in (1.3 mm) | 1 | ± 0.25% |
| | Warpage Diagonal | ASTM C485 | -0.30% or -0.05 in (-1.3 mm) | 0.40% or 0.07 in (1.8 mm) | 1 | ± 0.25% |
| | Wedging | ASTM C502 | -0.40% or -0.05 in (-1.3 mm) | 0.40% or 0.05 in (1.3 mm) | 1 | ± 0.25% |
| | | | ALL TILES | | | |
| <u>↓</u> | Thickness | ASTM C499 | N/A | Range: 0.031 in (0.79 mm) | 3 | ± 5% |
| \ | Bond Strength | ASTM C482 | ≥ 50 psi (0.34 Mpa) | - | - | Conforms |
| 00 | Water Absorption | ASTM C373 | P4 | P4 | - | P4 (18.0% to 20.0% |
| | Color Uniformity | ASTM C609 | n.a. | VO – 3 Judds | 2 | n.a. |
| > | Crazing Resistance | ASTM C424 | Pass | - | - | Resists |
| ☆ | Thermal Shock | ASTM C484 | Pass | - | - | Resists |
| À | Chemical Resistance | ASTM C650 | As Reported | As Reported | - | GA, GLA |
| DCOF | DCOF | Section 9.6 | - | - | - | - |
| \$ | Stain Resistance | ASTM C1378 | As Reported | As Reported | - | Class 5 |
| \downarrow | Breaking Strength | ASTM C648 | Average ≥ 125 lbf (0.56 kN) Indiv. ≥ 100 lbf (0.44 kN) | | - | ≥ 0.50 kN |
| * | Resistance to Freeze / | ASTM C1026 | As Reported | As Reported | 4 | Non Resistant |

n.a. Not Applicable n.p.d. No Performance Declarated GL Glazed Tiles UGL Unglazed Tiles

* Whichever is less for tiles up to $24" \times 24"$ (610 mm x 610 mm). ** Aplies to tiles larger than $24" \times 24"$ (610 mm × 610 mm).

(1) Whichever is less. (2) Glazed Tile Only. (3) Class V0 Tile Only. (4) May not apply to textured surfaces or tiles with uneven back patterns. (5) When installation subject to freeze / thaw conditions. (6) For level interior spaces expected to be walked upon when wet.

DISCLAIMER: Specifications subject to change without further notice. This information is issued as is and without any further warranty of fitness for a particular purpose, so in no event shall cinca be liable for any direct, indirect, or consequential damage whatsoever arising out of or in any way related to the use of their product.

| DACKING AND | ME |
|-------------|-----|
| PACKING AND | WEI |

| | | | Box 🖹 | | | |
|----------|---------|-----------|-------------|-------------|--------|--|
| | Format | Thickness | Pcs per Ctn | Square Feet | Pounds | |
| | 10"×22" | 0.32 in | 10 | 14.80 | 41.67 | |
| | 4"×12" | 0.32 in | 30 | 9.69 | 25.57 | |
| Bullnose | 3"×10" | 0.32 in | 12 | 0.74 | 6.35 | |











10"×22"

WHITE

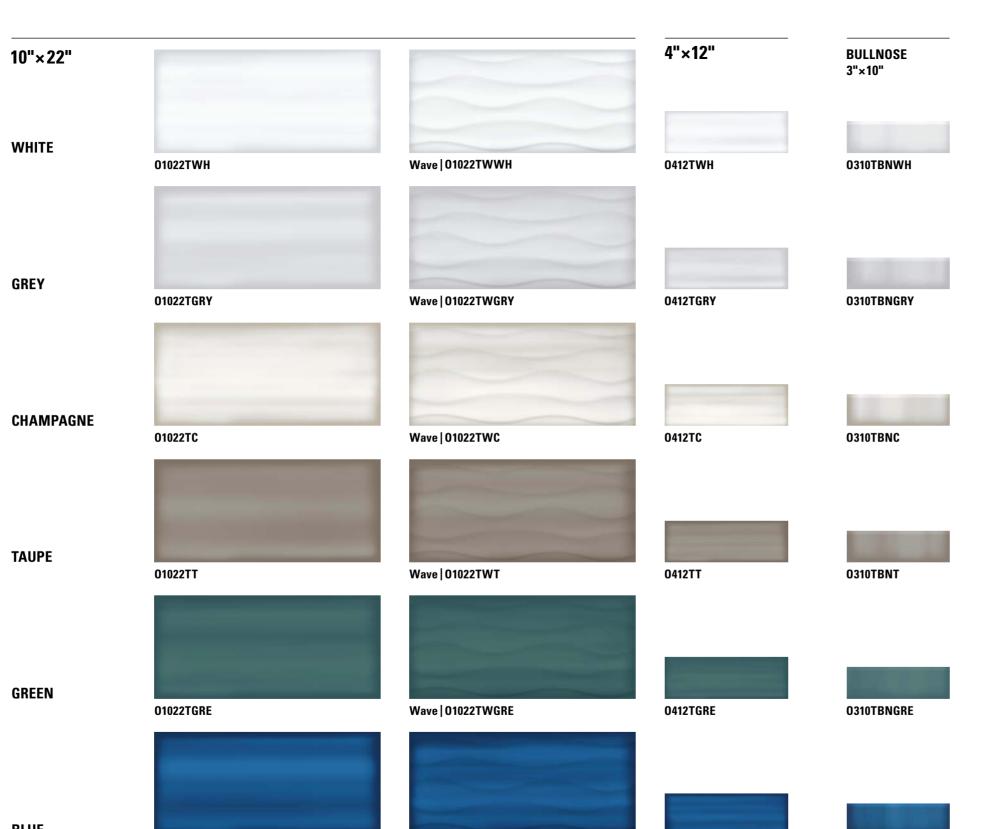
GREY

TAUPE

GREEN

BLUE

01022TBL



0412TBL

0310TBNBL

Wave | 01022TWBL



SPECIFICATIONS

26 51 00 INTERIOR LIGHTING

LED PENDANT FIXTURES LED RECESSED FIXTURES LED SCONCE FIXTURES LED TROFFER FIXTURES



PROJECT -

| Job | Notes |
|--------|-------|
| Туре | |
| Part # | |

SPECIFICATIONS -

Source Xicato XTM LED module - up to 2000 lumens

CCT 2700K, 3000K, 3500K or 4000K

Color Consistency 1x2 SDCM (MacAdam) along BBL, CCT +/- 40K to 70K, Duv +/- .001

CRI (Ra) 83 or 98

Driver / Location Included / Remote mount or deep canopy options

 $\textbf{Dimming} \quad \text{O-10V or phase dimming to 10\% standard; DALI, DMX and 1\% dimming available}$

 $\textbf{Input Voltage} \quad \text{100 to 277VAC, phase dimmable versions are 120VAC only}$

Power Up to 24 watts max, depending on LED module / driver

Reflector 20° , 40° or 60° - field replaceable without tools

Material CNC machined aluminum with stainless steel hardwareFinish Powder coat - TGIC polyester for exterior and interior use

Weight 2 lb. [0.9 kg]

Location Listed for Wet & Damp locations

Approvals ETL Listed to UL 1598, 2108, 8750 and CSA C22.2# 9 & #250.0

L80 Life > 50,000 hours at 80% lumen maintenance based on IESNA LM-80-08

Warranty Lifetime Limited Warranty - see warranty for details

IES Files LM-79-08 IES files available

Modifications Any modification or customization is possible - consult factory

















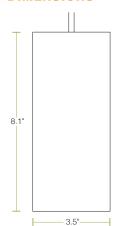
| Model | Driver Location | Dimming | Mounting Location | Output | CRI * | C.C.T. | Reflector | Shell Color | Suspension | Options - |
|-------|------------------------------|---|------------------------------|--|---|--|----------------------------------|--------------------------|---|-----------|
| | R=Remote D=Deep Canopy | N=None P=Phase V=0-10V Z=Other | D =Damp W =Wet | 07=700 lm 10=950 lm 13=1300 lm 20=2000 lm | 83 =83 98 =98* * 98 CRI | 27=2700K 30=3000K 35=3500K 40=4000K | 40 =40° 60 =60° | XX (see chart on page 4) | BK=Black Cord WH=White Cord CB=Clear Cord CC=Colored Cord add /AC to any cord for aircraft cable | |
| | | | | | | | | | RS##=Rigid Stem SS##=Swivel Stem ## = length in inches | |

Example Part Number: C2LP-RND-13832740-S3BK

CORE 200 LX Pendant - Remote Driver, No Dimming, Damp Location - 1300 lm, 83 CRI, 2700K, 40° Reflector - S3 Red Shell, Black Cord

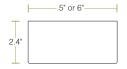
CORE 200 LX PENDANT

DIMENSIONS





Standard shallow canopy for remote mounted LED drivers



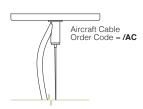
Optional deep canopy for canopy mounted LED drivers Order Code = **D** Diameter depends on LED driver size Standard cable length = 6'

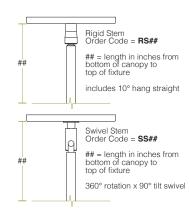
Cable length is field adjustable

To order longer cable put length in options section at end of part number

All canopies fit standard 3.5" and 4" round and octagonal junction boxes

Not to scale, dimensions are nominal Consult factory for CAD drawings





LED OPTIONS -

| Reflector | LED Specifications | | | | | | | |
|----------------|--------------------|--------------------------------|---------------------------|--------------------------|------------------------------|--|--|--|
| Option | LES1 | CRI | Lumens ^{2, 3, 4} | Wattage ⁵ (W) | Efficacy ⁶ (Im/W) | | | |
| | | Ra = 83 ± 3 | 700 | 5.6 | 129 | | | |
| | | | 950 | 8.2 | 118 | | | |
| | | | 1300 | 11.7 | 111 | | | |
| 20°, 40° & 60° | 19mm | | 2000 | 19.5 | 102 | | | |
| | | Ra = 98 R9 ≥ 90 R15 ≥ 95 | 700 | 7.4 | 97 | | | |
| | | | 950 | 10.9 | 89 | | | |
| | | | 1300 | 15.6 | 83 | | | |

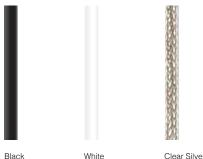
- ¹ LES: Light Emitting Surface diameter
- 2 ±10%
- 3 Source lumens see photometrics on page 3 for LOR to calculate delivered lumens
- ⁴ Higher lumen outputs are available in CORE / QUBE 300 and 400 series
- 5 Maximum luminaire wattage including LED driver = LED wattage x 1.2
- 6 Higher efficacies are available via lower drive currents consult factory

CONTROL OPTIONS

| | Order Code V = 0-10V dimming to 10% |
|--------------------------|---|
| | Order Code P = Phase dimming to 10% |
| (included in base price) | Compatible with both forward and |
| | reverse phase dimmers |
| | eldoLED 0-10V, DALI, or DMX dimming to 0% |
| Optional LED Drivers* | Lutron Hi-lume™ A-series, EcoSystem or |
| Optional LLD Drivers | forward phase dimming to 1% |
| | Lutron Hi-lume™ 5-series, EcoSystem dimming to 5% |

- * All LED drivers must be mounted in a deep canopy or remote
- * Standard LED drivers are suitable for Wet Location
- * Optional LED drivers are suitable for Damp Location
- * For EM applications: All LED drivers may be used with 3rd party inverter style systems

CORD OPTIONS



For all locations

A 1035 22nd Avenue, Unit 1 · Oakland, CA 94606

Order Code = **BK**For all locations

White Clear Silver Braid Order Code = **WH** Order Code = **CB**



id C CB O

For dry and damp

locations only

Cloth Cover Order Code = **CC** For dry and damp

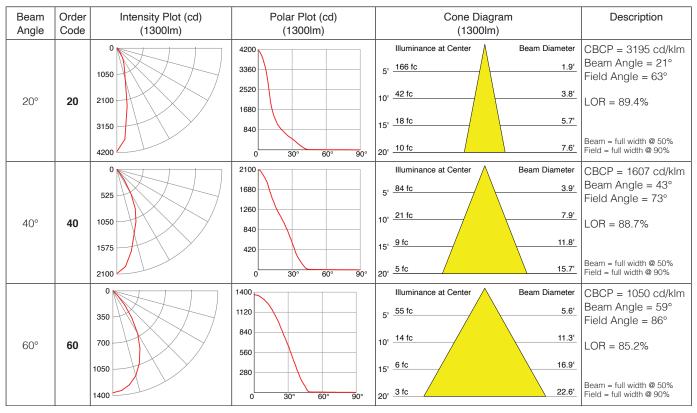
locations only

Specify cloth cord color in option section at the end of the part number



PHOTOMETRICS

LM-79-08 IES files available



Beam Shaping Options

Add the order code shown below to the options box at the end of the part number:

| Order Code | Description |
|------------|---|
| -HL | Honeycomb Louver |
| -DF | Diffusion Lens |
| -SF | Satin finish on any standard reflector |
| -LS | Linear Spread Lens (60° x 1°) |
| -WW | Wall Wash Lens (shifts beam 20° from vertical |

CORE 200 LX PENDANT

COLOR OPTIONS

Basic Powder Coat



GW Gloss White



SW
Satin White
AW
Antimicrobial
option



TWTextured
Matte White



TBTextured
Matte Black

Satin Anodized Effect Powder Coat



CS Clear Silver



OB Oil-Rubbed Bronze



DB Dark Bronze



SB Satin Black

Metallic Powder Coat



SG Silver Gray



CG Charcoal Gray



CU Copper



BR Brass

Gloss Powder Coat (80-95% Gloss)



GO Orange (RAL 2003)



GR Red (RAL 3020)



GM Magenta (RAL 4010)



GB Blue (RAL 5015)

Aluminum



Brushed Aluminum
Cost adder applies.

Special Order



Most RAL Classic Colors (80-95% Gloss) are available for powder coat - consult ALW. Minimum setup fee applies.
See: alwusa.com/finishes for more information



CAT _ _ _

The complete range of powder coat colors from the Tiger Drylac and TCI catalogs are available - consult ALW. Minimum setup fee applies.

Custom



CUSTOM _ _ _ _ Custom powder coat color matching is available - consult ALW.

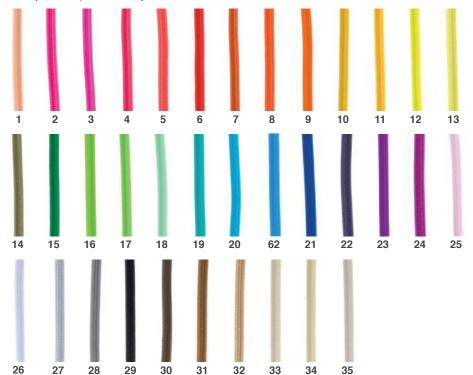
Premium setup fee applies.

Printed or on-screen colors are only approximations - consult actual Color Chip Set before specifying Note: An individual setup fee will apply to each unique Special Order/Custom Finish per purchase order. (ex: RAL 5023 and RAL 2008 are specified for multiple line items on a purchase orer. 2x setup fees will apply)

CORE 200 LX PENDANT

CLOTH CORD COLOR OPTIONS -





37

36



38









41



42





43



44



46







49

50





Patterned Cloth Cords

Antique Brown

Chocolate Brown

Solid Color Cloth Cords

Peach

Pink Neon Pink Hot Pink Neon Coral

Red

Adobe

Orange Neon Orange

Goldenrod Sunshine Yellow

Neon Yellow

Citrus Yellow Olive Green

Kelly Green

Neon Green

Lime Green Mint Green

Turquoise

Electric Blue

Cobalt Blue Navy

Skyblue

Purple

Blush

White

Silver

Gray

Black

Khaki

Sand

Magenta

2.

6.

7.

8.

9.

10.

11. 12.

13.

14.

15.

16. 17.

18. 19.

20.

62.

21. 22.

23.

24.

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26.

27.

28.

29.

30.

31.

32. Flax

33.

34.

35. Ivory

- White & Gray Dot
- 37. Gray & Citrus Yellow Dot
- Neutral Tweed
- 39. Cool Tweed
- 40. Warm Tweed
- 41. Magenta & Orange Stripe
- Turquoise & Brown Stripe
- 43. Green Argyle
- 44. Turg. & Yellow Houndstooth 45. Navy & Coral Houndstooth
- Brown & Ivory Houndstooth 46.
- 47. Black & White Houndstooth
- Black & White Zigzag 48.
- 49. Red & White Zigzag
- Yellow & White Zigzag 50.

Metallic Cloth Cords

- 51. Pearl Metallic
- Champagne Metallic
- Yellow Gold Metallic
- 54. Brass Metallic
- Copper Metallic
- 56. Copper Penny 57. Currant Metallic
- 58. Bronze Metallic
- 59. Gunmetal
- 60. Black Patent
- Black Satin



Specify cloth cord color in option section at the end of the part number Printed or on-screen colors are only approximations - consult sample before specifying

POWELL STREET PENDANT

TECH LIGHTING

PRODUCT FEATURES

- High-end spun metal pendant that features a high-gloss finish
- Four finish options. Gloss White/White, Gloss White/Black, Satin Nickel/Sunrise Orange and Satin Nickel/White
- · Three hardware finishes Satin Nickel, White and Black
- Dimmable with most LED compatible ELV and TRIAC dimmers
- Available lamping options include energy efficient LED or no-lamp, leaving you the option to light this fixture with your preferred lamping
- Protected by a 5-year warranty, please visit the "About Us" Page on techlighting.com for more for warranty details



LAMPING

Rated for (1) 150 watt max E26 medium base lamp (Lamp Not Included). LED includes 12 watt 1114.5 total delivered lumens, 3000K medium base LED G40 lamp surrounded by a blown white glass globe diffuser. Fixture provided with six feet of field cuttable satin cable. Dimmable with most LED compatible ELV and TRIAC dimmers.



Satin Nickel/Sunrise Orange

Satin Nickel/White Gloss White/White Gloss Black/White

ORDFRING INFORMATION

| 700 | SYSTEM | PSP24 | COLOR | FINISH | LAMP |
|-----|--------------------------------|-------|--------------------------------|----------------|---|
| | TD LINE-VOLTAGE PENDANTS/SUSPE | NSION | BW GLOSS BLACK/WHITE | B BLACK | NO LAMP |
| | | | WW GLOSS WHITE/WHITE | S SATIN NICKEL | - LED830 G40 LED 80 CRI 3000K 120V |
| | | | SO SATIN NICKEL/SUNRISE ORANGE | W WHITE | |
| | | | SW SATIN NICKEL/WHITE | | |

| 700 | PSP24 | | |
|----------|-------|------|--|
| JOB NAME | | | |
| NOTES | | | |
| | | | |

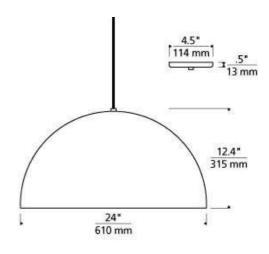


POWELL STREET PENDANT

TECH LIGHTING

SPECIFICATIONS

| HARDWARE MATERIAL | Metal |
|-------------------------------|---------|
| SHADE MATERIAL | Metal |
| NET WEIGHT | 5.5 lbs |
| HEIGHT | 12.4in |
| WIDTH | 24in |
| LENGTH | 24in |
| UP LIGHT / DOWN LIGHT / BOTH? | |
| WET LISTED | |
| DAMP LISTED | Yes |
| DRY LISTED | |
| MIN. HANGING HEIGHT | 18.9in |
| MAX HANGING HEIGHT | 84.9in |
| TOTAL CORD LENGTH | 72in |
| TOTAL STEM LENGTH | |
| STEM QTY | |
| SLOPED CEILING ADAPTABLE? | |
| GENERAL LISTING | |
| INCLUDES | |



LAMPING SPECIFICATIONS

| | LED LAMP | INTEGRATED LED | NON LED | NO LAMP |
|-----------------------|-----------------|----------------|-----------------|---------|
| DELIVERED LUMENS | 1114.5 | | | |
| WATTS | 12 | | | |
| MAX WATTAGE PER BULB | 150W | | 150W | |
| INPUT VOLTAGE | 120V | | 120V | |
| DIMMING TYPE* | ELV, TRIAC | | ELV, TRIAC | |
| ССТ | 3000K | | | |
| CRI | 80 CRI | | | |
| LED LIFETIME | | | | |
| L70 | | | | |
| AVERAGE BULB HOURS | | | | |
| FIELD SERVICEABLE LED | | | | |
| LAMP BASE | E26 Medium Base | | E26 Medium Base | |
| LAMP SHAPE | G40 | | G40 | |
| LAMP INCLUDED? | Υ | | Υ | |
| WARRANTY** | 1 Year | | 1 Year | |

 $^{* \}texttt{Dimming information available at} \underline{www.techlighting.com/Downloads\#dimming}$

T20 / T24 INFORMATION

| | Integrated LED | Replacement LED Lamp | No Lamp * |
|--|-------------------|-------------------------|--------------|
| This product can be used to comply with California Building Energy Efficiency Standards 2016 Title 24 Part 6. | | No | N/A |
| This product can be used to comply with California Appliance Efficiency Standards 2016 Title 20 and may be shipped to and sold in California. | | No | N/A |

 $^{^*}$ If a light fixture or component does not include a lamp or light source, it is the responsibility of the customer to select a lamp that meets the T24 and T20 requirements.



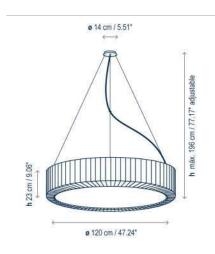
^{**} Visit techlighting.com for specific warranty limitations and details.

Urban S/120

Design / Diseño: Joana Bover / 2011

Typology: Pendant lamp Tipología: Suspensión

Environment: Indoor Ambiente: Interior





Technical description / Descripción técnica:



Net Weight: 41.01 lbs Peso Neto: 41.01 lbs



1 Box/Caja 50 x 50.39 x 17.72 inches | 25.833 ft³ Gross Weight / Peso bruto: 73.11 lbs

Materials: Iron Materiales: Hierro

Upper diffuser: Polycarbonate Lower diffuser: Methacrylate

Difusor superior: Policarbonato Difusor inferior: Metacrilato

Shade GWFI: 960°

Hilo incandescente pantalla: 960°

Customizable

Personalizable

Bulbs not included

Bombillas no incluidas

Certifications Certificaciones







Spare parts / Recambios:

R907004U

R4103325DIF Upper Diffuser / Difusor superior Bottom Diffuser / Difusor inferior Cable 3X18AWG

Manguera 3X18AWG

R907011U

Cable 5X18AWG Manguera 5X18AWG

Lamps description / Descripción lámpara:

| 120-277V DRY | IP-20 | vin CFL BIG |
|---------------|--|---------------|
| Ref | Finishing / Acabados | Ean13 |
| 410332506BU | White Translucent Ribbon Shade Pantalla Cinta Translúcida Blanca | 8436544890135 |
| 410332506CU | Cream Translucent Ribbon Shade Pantalla Cinta Translúcida Crema | 8436544890142 |
| *D410332506BU | Dimmable 0-10V White Translucent Ribbon Shade Dimable 0-10V Pantalla Cinta Translúcida Blanca | 8436544891927 |
| *D410332506CU | Dimmable 0-10V Cream Translucent Ribbon Shade Dimable 0-10V Pantalla Cinta Translúcida Crema | 8436544891934 |

Family / Familia: Urban















Dancing Pendant



Design is an art of storytelling according to Copenhagen duo Iskos-Berlin, and their Dancing Pendant puts that principle into practice. Exquisite yet with a playful twist, the lamp has the look of a dancer's pleated skirt caught flaring-up mid-twirl. A partnership between two of Scandinavia's leading young designers, Boris Berlin and Aleksej Iskos, the studio is committed to sustainability.

Dancing Pendant is made from felt, a 100% recycled material produced mainly from used water bottles.

Product Type

Pendant

Environment

Indoor

Dimensions (cm/in)

H: 58 cm / 22,8" O: 95 cm / 37,4

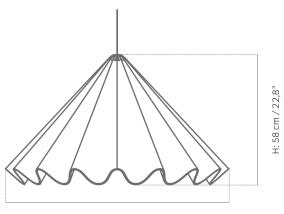
Colours

Off-White

About the Designer

The company works within the fields of industrial, furniture and graphic design. The firm was only established in late 2010, but Boris and Aleksej have been working together for a number of years. In 1987, Boris co-founded Komplot Design, where Aleksej was employed as an assistant for more than 11 years. This long and fruitful cooperation has allowed them to develop a shared philosophy of design.

Dancing Pendant Technical Specifications



Ø: 95 cm / 37,4

Production Process

Pressed wool felt is made from high quality felt fibers which are mechanically pressed using heat, moisture and pressure using a wooden form.

Materials

Felt

Weight item (kg/lbs)

2,6 kg/ 5,7 lbs

Voltage (V)

100-130 V

Light Source & Energy Efficiency Class

E26 (Not Included), MAX 60 W, A++, A+, A, B, C, D

Light Specification

Lumen, Kelvin and Ra Value depends on which bulb is used.

Dimmer

No. The lamp can be fitted with a dimmer by a certified electrician.

Canopy

Yes (Cone Shape), ABS, White Ø: 9 cm / 3,5" * H: 9 cm / 3,5"

Cord Material and Colour

Textile, White

Cord Length (cm / in)

300 cm / 118,1"

Classification

CE and IP20

Certifications

N/A

Packaging Type

Giftbox

Packaging Measurement (H * W * D)

100 cm * 95 cm * 59 cm

Care Instructions

Use a soft dry cloth to clean. Do not use any cleaners with chemicals or harsh abrasives. Avoid using water. The brass will oxidise from the moment it is exposed to air. To maintain a shiny appearance, use a mild metal polish and a soft cloth.

PRULITE COM 213 746 0360

Type:

Job:

47/16"



Open office illumination, wall washing or grazing.

Industry best combination of optics, efficacy and aesthetics in a sleek extruded aluminum housing. See our P40 Series for the same great optics with a budget-friendly steel housing.

BIONIC SERIES INCLUDES —

Direct/Indirect: Wash, Graze, Perimeter Fill, Batwing and

Ceiling Wash Optics

Recessed Linear: Wash, Graze and Batwing Optics
Perimeter: Graze and Perimeter Fill Optics



(SYMG)

41/8







Glow Top Lens



SO НО lm/ft 960 1415 1825 2265 CW with SAL-D1 w/ft 9 24 14 20 lm/ft 475 690 925 1090 SAL-D1 w/ft 4.5 7 10 12 lm/ft 425 665 900 1080 ABW-D1X w/ft 7 10 12 lm/ft 437 940 1072 675 AWL-D1W/R w/ft 4.5 7 10 12 500 700 800 lm/ft 350 AWW-D1G w/ft 4.5 7 10 12 Im/ft 485 725 1025 1175 **CW** only w/ft 4.5 7 10 12 lm/ft 450 650 925 1075 SYM only 7 w/ft 4.5 10 12 HO - Not available for Lutron

(LI(K

HERE

Lumen output may vary +/- 5% 4000K used for Im/ft estimates above 3500K -2% IIf, 3000K -4%, 2700K -6% -10% LLF for 90 CRI (4K, 3500K and 3K) See LED Details PDF for more info

| SE- RIES | LED COLOR | OUT- PUT | NOM LENGTH | COLOR/ FINISH | SHIELD- ING | DISTRIBUTIO | N | CIRCU- ITING | VOLT- AGE | MOUNT- ING | CEILING SYSTEMS | DRIVERS | OPTIONS, SENSORS & CONTROLS |
|-------------|--|---|---|--|---|--|---|--|--|--|---|--|--|
| BIO- LIN | | _ | | | | - | - | | | | | | |
| Linear | LED27 2700K (90CRI) LED3 3000K LED35 3500K LED4 4000K LED3- 90 90CRI LED35- 90 90CRI LED4- 90 90CRI | LO Low MO Me- dium SO Stan- dard HO High NOTE: Specify separate output Down / Up if desired e.g. HO/ LO PROG Pro- gram- mable Light Out- put (Specify desired lm/ ft or w/ft) | lengths, last 1' of odd lengths will be SYMLIn- dividual fixtures are not intended for row mount- ing | CC Custom Color NOTE: All canopies are painted the same color as the fix- ture. Consult factory to specify | ABW Acrylic Batwing Lens (D1 only) AWL Wall Wash Lens (D1R only) AWW Wall Graze Lens (D1G only) | DOWN: NW No Downlight D1 Direct (SAL only) D1X Batwing (ABW only) D1W Wall Wash (AWL only) D1R Perimeter Fill D1G Wall Grazer (AWW only. WB recommended for wall mount) | wn -AND- Up UP: NU No Uplight CW Ceiling Wash (Corners have SYM Lens) SYM Symmetric SYMG Symmetric (with Glow Top Lens) SYMADC Symmetric (with Acrylic Dust Cover) ASY-R/W Asymmetric ASY-R-Room Side (Optic direction) ASY-W: Wall Side ASYMADC- R/W Asymmetric (with Acrylic Dust Cover) WL-D1R AWW-D1 | SC Single Circuit DC Dual Circuit (Two feeds required) | 347 (Emergency battery re- quires a Step Down trans- former) | CA48", 96" or 144" Nircraft Cable (Adjustable) SUR Surface Mount (D1/NU only) WS 22" Wall Spacer WS2 2" Wall Spacer WM Direct to Wall WB Wall Bracket SSC_Stem Mount (Specify length, NU only) SYM ASY | X1 T-Bar ¹⁵ / ₁₆ - or ⁹ / ₁₆ - or ⁹ / ₁₆ - Exposed (Standard) X3 Hard Ceiling X6 Slot Grid or Interlude | ND Non-Dimming, Osram DM01 0-10v, 1% Dimming (Standard) STEP Step Dimming 100-50-Off NOTE: Lumens and watts per foot may differ for STEP drivers, consult factory LDE5 Lutron 5-Series EcoSystem LED LDE1 Lutron Hi-lume 1% EcoSystem LED (Soft fade on, fade-to-black dimming) ECO 1% 0-10v, EldoLED (Logarithmic dimming std) ECDA 1% DALI, EldoLED (Logarithmic dimming std) SOLO 0.1% 0-10v, EldoLED (Dim-to-dark, Logarithmic dimming std) SODA 0.1% DALI, EldoLED (Dim-to-dark, Logarithmic dimming std) | EMHE CA T20 Emergency Battery (D1, D1W~1000, D1G~750 delivered lumens; CA Title 20 compliant; 4' or longer [remote for < 4']) IBC Insulated Braided Cord PRUBIN Meticulous Binning and Labeling every LED Board within a 2-Step MacAdams Ellipse SENSORS: 205 WattStopper PIR Occupancy 205-STEP: Dim to 50% 205-DM: Dim to 10%/ 1% LUX Phillips DLH ENL Enlighted 2-Wire DLH & Environmental CORNERS: C2 90° 2-Way Lit C2X Special Angled Connector (Consult factory) |

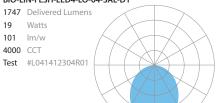
885



SAL DISTRIBUTION

Low Output:

BIO-LIN-FLSH-LED4-LO-04-SAL-D1



| Zonai Lumen Summar | ١ |
|--------------------|---|
| 0-90 (Down) = 100% | |
| | |

| Vertical Angle | 0 ° | 25° | 45° | 65° | 90° |
|-------------------|------------|-----|-----|-----|-----|
| 0 ° | 803 | 803 | 803 | 803 | 803 |
| 5° | 795 | 795 | 796 | 796 | 795 |
| 15° | 725 | 730 | 741 | 749 | 752 |
| 25° | 610 | 620 | 639 | 660 | 671 |
| 35° | 477 | 489 | 515 | 544 | 561 |
| 45° | 350 | 363 | 388 | 420 | 439 |
| 55° | 241 | 250 | 272 | 298 | 316 |
| 65° | 155 | 161 | 176 | 194 | 207 |
| 75° | 77 | 80 | 87 | 96 | 103 |
| 85° | 20 | 20 | 21 | 23 | 24 |
| 90° | 0 | 0 | 0 | 0 | 0 |

Luminance Chart:

| Angle | 0 ° | 45° | 90° |
|-------|------------|------|------|
| 45° | 4093 | 4540 | 5132 |
| 55° | 3471 | 3920 | 4550 |
| 65° | 3024 | 3437 | 4050 |
| 75° | 2451 | 2765 | 3299 |
| 85° | 1903 | 2009 | 2302 |



BATWING DISTRIBUTION

Low Output:

BIO-LIN-FLSH-LED4-LO-ABW-D1X



621

Zonal Lumen Summary:

0-90 (Down) = 100%

| Vertical Angle | 0 ° | 25° | 45° | 65° | 90° |
|-------------------|------------|-----|-----|-----|-----|
| 0 ° | 621 | 621 | 621 | 621 | 621 |
| 5° | 616 | 621 | 630 | 638 | 641 |
| 15° | 585 | 615 | 657 | 683 | 695 |
| 25° | 527 | 586 | 643 | 665 | 670 |
| 35° | 447 | 525 | 577 | 592 | 591 |
| 45° | 354 | 432 | 476 | 464 | 440 |
| 55° | 258 | 319 | 344 | 299 | 266 |
| 65° | 169 | 210 | 213 | 170 | 149 |
| 75° | 86 | 99 | 96 | 75 | 67 |
| 85° | 23 | 21 | 19 | 17 | 16 |
| 90° | 0 | 0 | 0 | 0 | 0 |

Luminance Chart:

| Angle | 0 ° | 45° | 90° |
|-------|------------|------|------|
| 45° | 4262 | 5726 | 5293 |
| 55° | 3832 | 5107 | 3941 |
| 65° | 3395 | 4295 | 3005 |
| 75° | 2839 | 3140 | 2189 |
| 85° | 2213 | 1902 | 1540 |



CEILING WASH ONLY

Low Output:

BIO-LIN-LED4-LO-CW

1945 Delivered Lumens 17 Watts 112 lm/w



| Vertical Angle | 0 ° | 25° | 45° | 65 | 90 |
|-------------------|------------|-----|-----|-----|-----|
| 95° | 94 | 187 | 138 | 31 | 16 |
| 105° | 671 | 495 | 169 | 95 | 37 |
| 115° | 632 | 481 | 250 | 168 | 117 |
| 125° | 603 | 492 | 320 | 233 | 176 |
| 135° | 569 | 486 | 365 | 286 | 233 |
| 145° | 496 | 447 | 381 | 319 | 281 |
| 155° | 437 | 418 | 382 | 344 | 324 |
| 165° | 402 | 394 | 379 | 366 | 358 |
| 175° | 383 | 381 | 380 | 378 | 376 |
| 180° | 380 | 380 | 380 | 380 | 380 |

MO НО lm/ft 485 725 1025 1175 w/ft 12 4.5 10

WALL WASH

Low Output:



682

Zonal Lumen Summary:

| Vertical Angle | 0 | 25 | 45 | 65 | 90 |
|-------------------|------|------|------|------|-----|
| 0 | 682 | 682 | 682 | 682 | 682 |
| 5 | 941 | 920 | 874 | 798 | 652 |
| 15 | 1247 | 1183 | 1086 | 947 | 624 |
| 25 | 1060 | 1146 | 1271 | 1044 | 535 |
| 35 | 776 | 801 | 933 | 1127 | 427 |
| 45 | 544 | 563 | 623 | 943 | 329 |
| 55 | 344 | 347 | 377 | 555 | 248 |
| 65 | 206 | 208 | 214 | 281 | 157 |
| 75 | 96 | 97 | 95 | 110 | 79 |
| 85 | 18 | 19 | 45 | 20 | 16 |
| 90 | 0 | 0 | 0 | 0 | 0 |

Luminance Chart:

| Angle | 0 ° | 45° | 90° |
|-------|------------|------|------|
| 45° | 6363 | 7287 | 3848 |
| 55° | 4960 | 5436 | 3576 |
| 65° | 4032 | 4188 | 3073 |
| 75° | 3068 | 3036 | 2525 |
| 85° | 1708 | 1803 | 1518 |



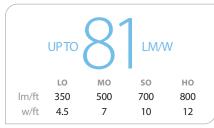
WALL GRAZER

| Low O | Output: | |
|---------------|--------------------------|---------------------|
| BIO-LI | IN-LED4-LO-04-AWW-D1G | |
| 1408 | Delivered Lumens | |
| 17 | Watts | |
| 81 | lm/w | $\nearrow \nearrow$ |
| 4000 | ССТ |)) |
| Test #L021 | 507502R02 | 7 |
| | Lumen Summary: | |
| 0-90 ([| Down) = 100% 2619 | |

| Vertical Angle | 0 | 22.25 | 45 | 67.5 | 90 |
|-------------------|------|-------|------|------|------|
| 0 | 2619 | 2619 | 2619 | 2619 | 2619 |
| 5 | 2290 | 2337 | 2462 | 2578 | 2603 |
| 15 | 1486 | 1526 | 1675 | 2096 | 2463 |
| 25 | 1101 | 1134 | 1233 | 1588 | 2149 |
| 35 | 787 | 814 | 898 | 1145 | 1692 |
| 45 | 559 | 580 | 623 | 792 | 1141 |
| 55 | 381 | 394 | 432 | 521 | 673 |
| 65 | 255 | 260 | 272 | 311 | 346 |
| 75 | 157 | 153 | 151 | 147 | 146 |
| 85 | 54 | 50 | 47 | 41 | 32 |
| 90 | 0 | 0 | 0 | 0 | 0 |

Luminance Chart:

| Angle | 0 ° | 45° | 90° |
|-------|------------|------|------|
| 45° | 2948 | 3146 | 5954 |
| 55° | 2567 | 2725 | 4312 |
| 65° | 2407 | 2505 | 3170 |
| 75° | 1342 | 2333 | 2237 |
| 85° | 1993 | 1993 | 1518 |



NOTE: D1R - Use D1W IES Files and flip in room application software.

LUMEN MAINTENANCE

Designed to last with cool running mid-power LEDs projected to maintain 90% (L90) of their initial output for 100,000 hours (at HO), and L70 exceeding 150,000 hours.

LED SYSTEM

LED modules and drivers are field

replaceable.

PROG

Programmable light output. Specify desired lumens or watts per linear foot. Min: 2.5 w/ft, consult factory for

requests above 12 w/ft.

BINNING

Standard binning (all Prudential LED boards) includes testing at the chip level and board integration to provide consistent color temperature within a 3-step MacAdams ellipse. +/- 100 lumens, +/- 100k CCT and

+/-.004 Duv

PRUBIN™

Prudential Ltg's exclusive 'job binning' method that ensures color temperature consistency across all luminaires on a project. Meticulously testing and labeling EVERY LED BOARD to +/- 25 lumens, +/- 50k CCT and +/-.004 Duv - while also separating positive from negative — allows us to match color, hue and intensity throughout a project and provides a consistent color temperature within a 2-step

LABELS

CSA and ETL damp labeled and I.B.E.W. manufactured

MacAdams ellipse.

ELECTRICAL

Must specify LED dimming controls. LED fixtures have constant current driver(s) with less than 20% THD when loaded to a minimum of 60%. Drivers sink a maximum of 6mA per driver. DM10 LED drivers are 0-10V dimmable and are compatible with most 0-10V wall slide dimmers and direct 0-10V analog signal dimmers. Max driver size 1.625" w x 1.25" h.

CONSTRUCTION

Power cord is White except for fixtures painted Black (YBB, YBK)

have Black power cords.

Housing Extruded aluminum>25% PC

recycled, 100% recyclable.

Acrylic, 100% recyclable. Lens

Weight 6.5 lbs / Ft.

MOUNTING Surface mounted to walls,

suspended by cable, wall spacer

or wall bracket to walls.

WARRANTY Single-source, 5 year limited

warranty covers standard components and construction.



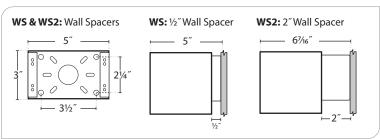


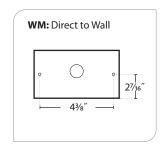
Choose from one of our Premium Colors with no set-up fee.

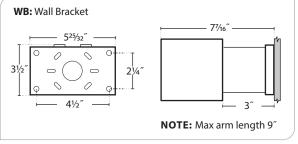
For paint chip samples, please email: info@prulite.com



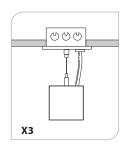
WALL MOUNTING



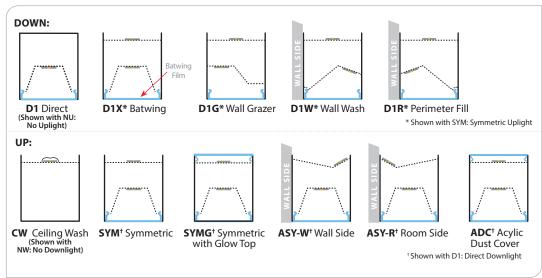




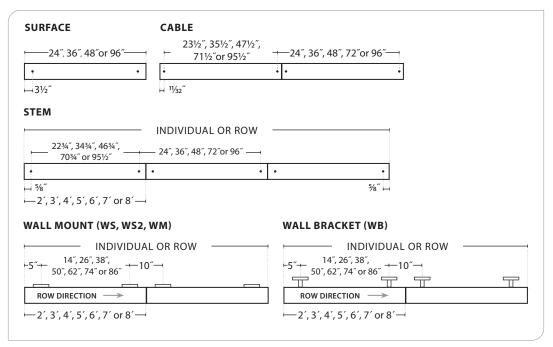
CEILING SYSTEMS W



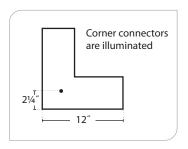
DISTRIBUTION — CROSS SECTIONS



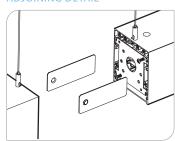
MOUNTING LOCATIONS



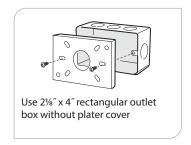
C2: LIT CORNER



ADJOINING DETAIL



ELECTRICAL OUTLET BOX

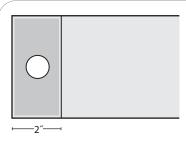


CONTROL SENSORS





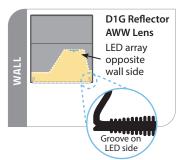


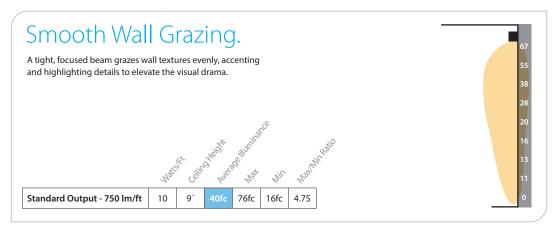


NOTE: Sensor plate will match fixture color finish

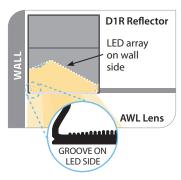
Consult factory for other sensors, please email: info@prulite.com

WALL GRAZER ORIENTATION



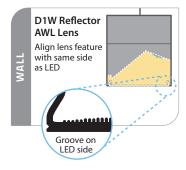


PERIMETER FILL ORIENTATION



Perimeter Fill. Fill a Corridor with Light — from the Perimeter. It's a perimeter optic that washes corridors in light, offering outstanding light distribution, far more energy efficient than typical soft glow solutions and significantly reduces installation cost. Ideal for corridors where budget and energy efficiency conflict with strict IES requirements for high footcandles. Suspended, surface mounted or recessed, perimeter lighting system. 9' 41 22 23 24 29 22 20 23

WALL WASH ORIENTATION



Wall Washing. Footcandles on Wall 9′ Our PruOptics™ reflector/refractor design delivers a high performance wall wash. No mechanical kickers needed. ⊢30″*−* Standard Output - 750 lm/ft 76/16

Standard Output - 875 lm/ft

1.25

Footcandles along the floor Reflectances 80: 50: 20

Portfolio

6 inch LED recessed narrow, medium, or wide beam downlight designed for glare free even illumination. Featuring a two-stage diffused reflector system producing smooth distribution with excellent light control and low aperture brightness. Lumen packages range from 1000 to 7000 with color temperatures of 2400K, 2700K, 3000K, 3500K, 4000K, and 5000K. VividTune: Dim-to-warm technology - similar to halogen at full power, the 3000K LED warms smoothly as dimmed to 1850K creating a rich warm glow within the space. Tunable white technology - adjust the color temperature from warm white to cool white while independently controlling intensity.

| Catalog # | Туре |
|-------------|------|
| | |
| Project | |
| Comments | Date |
| Prepared by | |

SPECIFICATION FEATURES

Lower Shielding Reflector

Painted die cast aluminum or spun aluminum lower reflector with a lensed upper optical chamber providing superior lumen output with minimal source brightness. Spun reflectors are offered in all Portfolio Alzak® finishes. Available with non-conductive polymer trim. Reflector is retained with two torsion springs holding the flange tight to the finished ceiling surface.

Plaster Frame / Collar

Die cast aluminum 1-1/2" deep collar accommodates ceiling materials up to 2". Universal mounting bracket accepts 1/2" EMT, C channel and bar hangers and adjusts 5" vertically from above and below the ceiling.

Junction Box

Listed for (8) #12 AWG (four in. four out) 90°C conductors and feed thru branch wiring. (4) 1/2" and (2) 3/4" trade size pry outs positioned to allow straight conduit runs. Lever connectors for simple push in wiring.

Thermal

Aluminum heat sink conducts heat away from the LED module for optimal performance and long life.

LED

Chip on board with a multitude of highly efficient white LED's, combined with a high reflectance upper reflector and convex transitional lens produce even distribution with no pixilation. Lumen output shall not decrease

by more than 10% over the minimum life of 55,000 hours (L90 > 55,000 hours). Auto resetting, thermally protected, LED's are turned off when safe operating temperatures are exceeded. Color variation within 3-step MacAdam ellipses. Quick disconnect allows for tool-less replacement of LED engine from below ceiling. Available in 80, 90 or 97 CRL

D2W[™] – dim-to-warm shifts CCT from 3000K to 1850K as fixture dims mimicking halogen sources. W2N - Tunable white CCT range 2700K to 6500K or 2000K to 5000K, 90 CRI.

Driver

Standard 120-277V 0-10V dimming driver provides flicker free dimming from 100% to 1% (offered up to 4000 lumens). Optional 120V leading edge, <1% 0-10V, Fifth Light, DMX or Lutron® Ecosystem. Driver can be serviced from above or through the aperture.

Connected Lighting Systems

Factory installed WaveLinx tile mount sensor kit and Field installed WaveLinx accessory tile mount sensor kit.

The WTA WaveLinx tile mount sensor kit offers daylight dimming. PIR motion sensing control, and optional RLTS - Real Time Location Services available. (Refer to WaveLinx system specifications and application guides for details) The WTA WaveLinx kit includes control module that mounts on the luminaire electrical junction box

via 1/2" knock-out, and tilemount sensor with direct-mount spring clips or for octagon ceiling box with included mounting bracket. (Field mount kit ordered and installed separately).

Enlighted wireless tile mount sensor and relay accessory enables wireless control using a tile mount sensor accessory.

Distributed low voltage power system combines power, lighting, and controls with ease of installation.

Code Compliance

Thermally protected and cULus listed for wet locations with covered ceiling. IP66 rated when used with IP66 gasket kit accessory. Optional City of Chicago environmental air (CCEA) marking for plenum applications. EMI/RFI emissions per FCC 47CFR Part 18 Class B consumer limits. Non-IC rated - Insulation must be kept 3" from top and sides of housing. IC rated up to 1500 lumens. 5000 lumen and above are marked spacing and must follow spacing requirements. RoHS Compliant. Photometric testing completed in accordance with IES LM 79. Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.

Warranty 5-year warranty



LD6B EU6B **6LBW 6LBM** 6LBN

1000 - 7000 lumens LED

Die cast or Spun Aluminum Narrow, Medium, or Wide Beam Reflector **New Construction**



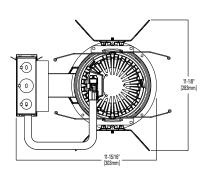


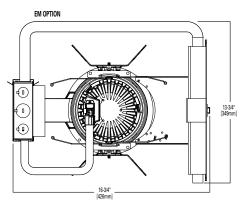


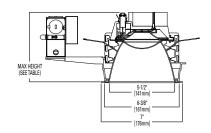




Refer to ENERGY STAR® Qualified Products List. Can be used to comply with California Title 24 High Efficacy requirements.







| | 1000-2000 LUMENS | 3000-5000 LUMENS | 6000-7000 LUMENS |
|-------------------------|------------------|------------------|------------------|
| NARROW 5-15/16" [151mm] | | 5-15/16" [151mm] | 7-11/16" [195mm] |
| MEDIUM | 5-7/8" [149mm] | 5-7/8" [149mm] | 7-5/8" [194mm |
| WIDE | 5-1/2" [140mm] | 5-1/2" [140mm] | 6-13/16" [173mm] |
| SHALLOW TRIM | 5-1/2" [140mm] | 5-1/2" [140mm] | NA |



SAMPLE NUMBER: LD6B15D010EMBOD

| Housing | Lumens ¹ | Voltage | Driver |
|---|--|--|-------------------|
| LD6B=LED Downlight 6" Nominal Aperture LD6BCP=LED Downlight 6" Nominal Aperture, Chicago Plenum | 10=1000 lumens 15=1500 lumens 20=2000 lumens 30=3000 lumens 40=4000 lumens 50=5000 lumens ¹⁰ 60=6000 lumens ¹⁰ 70=7000 lumens ¹⁰ | Blank=120-277V 3=347V (step down transformer) | 1000 - 4000 Lumen |

SAMPLE NUMBER: EU6B10208035

| Power Module | Lumen Levels ¹ | CRI | Color | | |
|---------------------------------|--|---|--|--|--|
| EU6B=6" Universal LED Module | 1020 =1000, 1500, 2000 lumens 3050 =3000, 4000, 5000 lumens 6070 =6000, 7000 lumens 1015IC =1000, 1500 lumen IC rated | 80=80 CRI Minimum 90=90 CRI Minimum 97=97 CRI Minimum | 80 CRI 27=2700K 30=3000K 35=3500K 40=4000K 50=5000K | 90 CRI 24=2400K 27=2700K 30=3000K 35=3500K 40=4000K 50=5000K | 97 CRI 27=2700K 30=3000K |
| | Dim 2 Warm 109030D2W=1000 lumen, 90 CRI, Dim 2 Warm, IC rated 159030D2W=1500 lumen, 90 CRI, Dim 2 Warm, IC rated 209030D2W=2000 lumen, 90 CRI, Dim 2 Warm 309030D2W=3000 lumen, 90 CRI, Dim 2 Warm | | | 60 =1000, 1500, 2000 lumens, 90 | CRI, tunable white 2000K-5000K CRI, tunable white 2700K-6500K |

SAMPLE NUMBER: 6LBM1LIE

| Trim | Distribution ⁵ | Flange | Finish | | Options |
|--------------------|--|---|---|---|---|
| 6LB =6" LED | N=Narrow (30° Beam), Spun Aluminum M=Medium (50° Beam), Spun Aluminum W=Wide (75° Beam), Spun Aluminum S=Shallow (75° Beam), Spun Aluminum ¹² PS=Non-Conductive Shallow (75° Beam), Injection Molded white, non-conductive ^{11, 12} CS=Cast Shallow (90° Beam), Die Cast Aluminum BA=Baffle (50° Beam), Spun Aluminum ⁷ | 0=White Polymer Trim Ring 1=Self-flanged ¹³ 2=White Painted Self-flanged | LI=Specular Clear ⁹ H=Semi-Specular Clear ⁹ WMH=Warm Haze ⁹ WH=Wheat ⁹ GPH=Graphite Haze ⁹ | B=Specular Black ⁹ MW=Matte White MB=Matte Black ⁸ MMS=Matte Metallic Silver ⁸ | E=Integral Emergency Test Switch Hole ⁶ |

Accessories HSA6=Slope Adapter for 6" **Transformers** Aperture Housings, Specify H347=347 to 120V Step Down Slope TRM6=MetalTrim Ring, Specify H347200=347 to 120V Step Down Color²

TRR6=Rimless Trim Ring for Flush Mount²

PRR6=Plaster Lathing Ring² LGSKT6IP66=IP66 Gasket Kit

DT6=DecoTrim²

Bar Hangers

HB26=C-channel Bar Hanger, 26" Long, Pair HB50=C-channel Bar Hanger, 50"

Long, Pair RMB22=Wood Joist Bar Hanger, 22" Long, Pair

Transformer, 75VA

Transformer, 200VA

Connected Lighting Systems

PORLWTPD1=Enlighted wireless sensor kit (0-10V only) field installed15

WTA=WaveLinx wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with D010 only (Refer to WaveLinx system specifications and guides for details) Field installed.15

- 1 Nominal Lumens will vary depending on selected color, driver and reflector finish.
- 2 Order trim with polymer trim ring (Consult specification sheet for color ordering information and options).
- 3 Not available with Chicago Plenum.
- 4 ULus listed only
- **5** Beam angles are nominal with LI finish trims.
- 6 Only available with Narrow and Medium Spun Aluminum trims. Required for use with all IEMBOD, IEM7, IEM14, IEMV7 and IEMV14 housings.
- 7 Only available with Matte White and Matte Black Finishes.
- 8 Available only on CS distributions.
- 9 Not available on PS, CS or BA distributions.

- 10 Product is marked spacing and must be installed with the following minimum spacing.
 - Center to center of adjacent luminaires: 36"
 - Center of luminaire to side of building member: 18"
 - Minimum overhead: 1/2"
 - Not available with CS or PS trims
- 11 PS available in self-flanged MW finish only.
- 12 Offered up to 2000 lumens
- 13 Flange is the same finish as the reflector
- 14 DMX fixtures default to full on upon loss of DMX signal.
- 15 Refer to system specifications for additional information, features, and benefits. Order either factory installed option or accessory. Use with 0-10V driver.
- 16 Non-IC

Options³

Test Switch

Switch

Switch

Test Switch

Remote Test Switch

Remote Test Switch4

Remote Test Switch4

Integral Test Switch4

Integral Test Switch⁴

EMBOD=Bodine® Emergency Module with Remote

EMBOD7ST=Bodine® Emergency Module with SelfTest

EM7=7W Emergency Module with Remote Test Switch EM14=14W Emergency Module with RemoteTest

IEMBOD=Bodine® Emergency Module with Integral

EMV7=7W Low Voltage Emergency Module with

EMV14=14W Low Voltage Emergency Module with

IEMV7=7W Low Voltage Emergency Module with

IEMV14=14W Low Voltage Emergency Module with

WTA=Factory installed WaveLinx Sensor Kit (WTA = WaveLinx wireless sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with D010 only)15 LWTPD1=Factory installed Enlighted wireless sensor kit

IEM7=7W Emergency Module with Integral Test Switch IEM14=14W Emergency Module with Integral Test

ENERGY

| ENERGY DATA | | | | |
|--|--|--|--|--|
| Sound Rating: Class A standards | | | | |
| (Values at non-dimming line voltage) | | | | |
| Minimum Starting Temperature: -30°C (-22°F) | | | | |
| EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer) | | | | |
| Input Voltage: UNV (120V - 277V) | | | | |
| Power Factor: >0.90 (at nominal input 120-277 VAC & 100% of Rated Output Power) | | | | |
| Input Frequency: 50/60Hz | | | | |

| 1000 Lumen D010 | | 1500 Lumen D010 | |
|---|---|---------------------------|---------------------------|
| Input Power: 11W | t Power: 11W THD: <14% Input Power: 15.5W THD: <13% | | THD: <13% |
| 120V Input Current: 0.09A 277V Input Current: 0.04A | | 120V Input Current: 0.13A | 277V Input Current: 0.06A |
| 2000 Lumen D010 | | 3000 Lumen D010 | |
| L D 01 014/ | THD: <9% | Input Power: 27.6W | TUD 100/ |
| Input Power: 21.2W | THD: <9% | IIIput Power. 27.6vv | THD: <10% |

| 4000 Lumen D010 | | 5000 Lume | en D010TE |
|---------------------------|---------------------------|---------------------------|---------------------------|
| Input Power: 41.6W | THD: <13% | Input Power: 57.9W | THD: <14% |
| 120V Input Current: 0.35A | 277V Input Current: 0.15A | 120V Input Current: 0.49A | 277V Input Current: 0.22A |

| 6000 Lumen D010TE | | 7000 Lume | en D010TE |
|---------------------------|---------------------------|---------------------------|---------------------------|
| Input Power: 59.7W | THD: <14% | Input Power: 75.8W | THD: <13% |
| 120V Input Current: 0.50A | 277V Input Current: 0.22A | 120V Input Current: 0.64A | 277V Input Current: 0.29A |

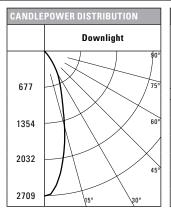
| | 120V | | 277V | |
|-------------------|------------|---------------|------------|---------------|
| Lumens | Inrush (A) | Duration (ms) | Inrush (A) | Duration (ms) |
| 1000 Lumen D010 | 1.02 | 0.041 | 2.18 | 0.021 |
| 1500 Lumen D010 | 1.02 | 0.042 | 2.24 | 0.064 |
| 2000 Lumen D010 | 1.02 | 0.077 | 2.43 | 0.027 |
| 3000 Lumen D010 | 1.15 | 0.067 | 3.26 | 0.027 |
| 4000 Lumen D010 | 1.2 | 0.088 | 3.9 | 0.03 |
| 5000 Lumen D010TE | 5.1 | 0.132 | 10.2 | 0.153 |
| 6000 Lumen D010TE | 5.4 | 0.123 | 10.8 | 0.154 |
| 7000 Lumen D010TE | 4.9 | 0.13 | 9.8 | 0.156 |



PHOTOMETRY

| NARROW (30° BEAM) | | | |
|-------------------|--------------|--|--|
| Test Number | P201217 | | |
| Housing | LD6B15D010 | | |
| Module | EU6B10208035 | | |
| Trim | 6LBN1LI | | |
| Lumens | 1195 | | |
| Efficacy | 83.6 Lm/W | | |
| sc | 0.53 | | |
| | | | |





| CONE OF LIGHT | | | | |
|---------------|----|-----|-----|--|
| 000 | | | | |
| D | FC | L | W | |
| 5.5' | 90 | 2.8 | 2.8 | |
| 7' | 55 | 3.6 | 3.6 | |
| 8' | 42 | 4.2 | 4.2 | |
| 9' | 33 | 4.6 | 4.6 | |
| 10' | 27 | 5.2 | 5.2 | |
| 12' | 19 | 6.2 | 6.2 | |

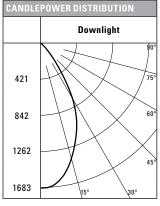
| CANDELA | TABLE |
|---------------------|---------|
| Degrees Vertical | Candela |
| 0 | 2709 |
| 5 | 2526 |
| 15 | 1468 |
| 25 | 708 |
| 35 | 299 |
| 45 | 44 |
| 55 | 4 |
| 65 | 1 |
| 75 | 0 |
| 85 | 0 |
| 90 | 0 |

| ZONALI | LUMEN SL | JMMARY |
|--------|----------|-----------|
| Zone | Lumens | % Fixture |
| 0-30 | 960 | 80.4 |
| 0-40 | 1149 | 96.2 |
| 0-60 | 1193 | 99.9 |
| 0-90 | 1195 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 1195 | 100 |

| v | 1 | LUMINANC | c | | | |
|---|----|--------------------|---------------|--|--|--|
| Ч | ļ | LUMINANCE | | | | |
| е | | Average Candela | Average 0° | | | |
| | ΙL | Degrees | Luminance | | | |
| | | 45 | 677 | | | |
| | | 55 | 76 | | | |
| | | 65 | 26 | | | |
| | | 75 | 0 | | | |
| | | 85 | 0 | | | |

| MEDIUM | MEDIUM (50° BEAM) | | |
|----------------|-------------------|--|--|
| Test Number | P201215 | | |
| Housing | LD6B15D010 | | |
| Module | EU6B10208035 | | |
| Trim | 6LBM1LI | | |
| Lumens | 1345 | | |
| Efficacy | 94.1 Lm/W | | |
| sc | 0.85 | | |
| | | | |





| CONE | CONE OF LIGHT | | | | |
|------|---------------|-----|-----|--|--|
| 0° D | | | | | |
| D | FC | L | W | | |
| 5.5' | 56 | 4.6 | 4.6 | | |
| 7' | 34 | 5.8 | 5.8 | | |
| 8' | 26 | 6.6 | 6.6 | | |
| 9' | 21 | 7.6 | 7.6 | | |
| 10' | 17 | 8.4 | 8.4 | | |
| 12' | 12 | 10 | 10 | | |

| CANDELA TABLE | | |
|---------------------|---------|--|
| Degrees Vertical | Candela | |
| 0 | 1683 | |
| 5 | 1661 | |
| 15 | 1386 | |
| 25 | 993 | |
| 35 | 430 | |
| 45 | 76 | |
| 55 | 7 | |
| 65 | 3 | |
| 75 | 2 | |
| 85 | 0 | |
| 90 | 0 | |

| ZONALI | LUMEN SL | JMMARY | LUMIN |
|--------|----------|-----------|----------------|
| Zone | Lumens | % Fixture | Avera Cande |
| 0-30 | 990 | 73.6 | Degre 45 |
| 0-40 | 1265 | 94 | |
| 0-60 | 1341 | 99.7 | 55 |
| 0-90 | 1345 | 100 | 65 |
| 90-180 | 0 | 0 | 75 |
| 0-180 | 1345 | 100 | 85 |
| | | | |

| | LUMINANCE | | | | |
|---|-------------------------------|-----------|--|--|--|
| | Average Average Candela 0° | | | | |
| 1 | Degrees | Luminance | | | |
| | 45 | 1159 | | | |
| | 55 | 130 | | | |
| | 65 | 87 | | | |
| | 75 | 71 | | | |
| | 85 | 0 | | | |

| WIDE (75 | ° BEAM) |
|----------------|--------------|
| Test Number | P201213 |
| Housing | LD6B15D010 |
| Module | EU6B10208035 |
| Trim | 6LBW1LI |
| Lumens | 1519 |
| Efficacy | 106.2 Lm/W |
| SC | 1.23 |



| CANDLE | CANDLEPOWER DISTRIBUTION | | |
|--------|--------------------------|--|--|
| | Downlight | | |
| 245 | 75° | | |
| 490 | 60° | | |
| 735 | 450 | | |
| 980 | 15° 30° | | |

| 0 | CONE OF LIGHT | | | |
|---|---------------|----|------|------|
| | 0. | | | |
| | D | FC | L | W |
| | 5.5' | 32 | 6.6 | 6.6 |
| | 7' | 20 | 8.6 | 8.6 |
| | 8' | 15 | 9.8 | 9.8 |
| | 9' | 12 | 11 | 11 |
| | 10' | 10 | 12.2 | 12.2 |
| L | 12' | 7 | 14.6 | 14.6 |

| | | | CANDELA TABLE | | |
|---|------|--|---------------------|---------|--|
| T | | | Degrees Vertical | Candela | |
| | Þ | | 0 | 963 | |
| | | | 5 | 963 | |
| | L | | 15 | 976 | |
| | W | | 25 | 913 | |
| | 6.6 | | 35 | 687 | |
| | 8.6 | | 45 | 316 | |
| | 9.8 | | 55 | 56 | |
| | 11 | | 65 | 6 | |
| | " | | 75 | 2 | |
| | 12.2 | | 85 | 0 | |
| | 14.6 | | 90 | 0 | |

| Zone Lumens % Fixture Average Candel: Degree 0-30 785 51.7 45 0-40 1207 79.5 55 0-60 1510 99.4 65 0-90 1519 100 75 90-180 0 0 85 | ZONALI | LUMEN SU | JMMARY | LUMINA |
|--|--------|----------|-----------|--------|
| 0-30 | Zone | Lumens | % Fixture | Candel |
| 0-60 1510 99.4 55 0-90 1519 100 65 90-180 0 0 75 | 0-30 | 785 | 51.7 | |
| 0-60 1510 99.4 65 0-90 1519 100 75 90-180 0 0 | 0-40 | 1207 | 79.5 | |
| 0-90 1519 100 75 90-180 0 0 | 0-60 | 1510 | 99.4 | 33 |
| 90-180 0 0 | 0-90 | 1519 | 100 | 65 |
| 0-180 1519 100 85 | 90-180 | 0 | 0 | 75 |
| | 0-180 | 1519 | 100 | 85 |

| _ | _ | | | | |
|---|-------------------------------|----------------------------|--|--|--|
| 1 | LUMINANC | LUMINANCE | | | |
| е | Average Candela Degrees | Average 0° Luminance | | | |
| | 45 | 4835 | | | |
| | 55 | 1055 | | | |
| | 65 | 151 | | | |
| | 75 | 84 | | | |
| | 85 | 0 | | | |

| SHALLOW | (75° BEAM) |
|----------------|--------------|
| Test Number | P201212 |
| Housing | LD6B15D010 |
| Module | EU6B10208035 |
| Trim | 6LBCS1MMS |
| Lumens | 1546 |
| Efficacy | 110.4 Lm/W |
| sc | 1.16 |



| CANDLEPOWER DISTRIBUTION | | | |
|--------------------------|-----------|--|--|
| | Downlight | | |
| | 90° | | |
| 178 | 75° | | |
| 355 | 60° | | |
| 533 | 45° | | |
| 710 | 15° 30° | | |

| | 0°/ | · · · | D D | |
|---|------|-------|--------|------|
| | D | FC | L | W |
| | 5.5' | 24 | 6.2 | 6.2 |
| | 7' | 15 | 8 | 8 |
| 1 | 8' | 11 | 9.2 | 9.2 |
| | 9' | 9 | 10.4 | 10.4 |
| | 10' | 7 | 11.6 | 11.6 |
| | 12' | 5 | 13.8 | 13.8 |
| | | | | |

CONE OF LIGHT

| CANDELA TABLE | |
|---------------------|---------|
| Degrees Vertical | Candela |
| 0 | 710 |
| 5 | 704 |
| 15 | 666 |
| 25 | 596 |
| 35 | 502 |
| 45 | 393 |
| 55 | 261 |
| 65 | 130 |
| 75 | 33 |
| 85 | 1 |
| 90 | 0 |

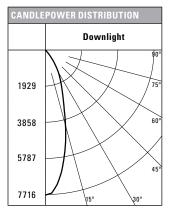
| ZONAL LUMEN SUMMARY | | |
|---------------------|--------|-----------|
| Zone | Lumens | % Fixture |
| 0-30 | 529 | 34.2 |
| 0-40 | 843 | 54.5 |
| 0-60 | 1377 | 89 |
| 0-90 | 1546 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 1546 | 100 |

| | LUMINANCE | |
|---|-----------|-----------|
| | Average | Average |
| | Candela | l 0° |
| ĺ | Degrees | Luminance |
| | 45 | 36260 |
| | 55 | 29687 |
| | 65 | 20068 |
| | 75 | 8318 |
| | 85 | 749 |

PHOTOMETRY

| NARROW (30° BEAM) | | |
|-------------------|--------------|--|
| Test Number | P201218 | |
| Housing | LD6B40D010 | |
| Module | EU6B30508035 | |
| Trim | 6LBN1LI | |
| Lumens | 3404 | |
| Efficacy | 81.4 Lm/W | |
| sc | 0.53 | |
| | | |





| CONE OF LIGHT | | | | |
|---------------|-----|-----|-----|--|
| 0° | | | | |
| D | FC | L | W | |
| 5.5' | 255 | 2.8 | 2.8 | |
| 7' | 158 | 3.6 | 3.6 | |
| 8' | 121 | 4.2 | 4.2 | |
| 9' | 95 | 4.6 | 4.6 | |
| 10' | 77 | 5.2 | 5.2 | |
| 12' | 54 | 6.2 | 6.2 | |

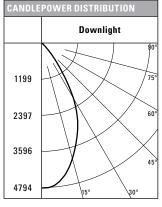
| CANDELA TABLE | | |
|---------------------|---------|--|
| Degrees Vertical | Candela | |
| 0 | 7716 | |
| 5 | 7196 | |
| 15 | 4183 | |
| 25 | 2017 | |
| 35 | 853 | |
| 45 | 126 | |
| 55 | 11 | |
| 65 | 3 | |
| 75 | 0 | |
| 85 | 0 | |
| 90 | 0 | |

| ZONALI | LUMEN SU | JMMARY |
|--------|----------|-----------|
| Zone | Lumens | % Fixture |
| 0-30 | 2735 | 80.4 |
| 0-40 | 3274 | 96.2 |
| 0-60 | 3399 | 99.9 |
| 0-90 | 3404 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 3404 | 100 |

| Υ | LUMINANC | LUMINANCE | | | |
|---|--------------------|---------------|--|--|--|
| e | Average Candela | Average 0° | | | |
| | Degrees | Luminance | | | |
| | 45 | 1928 | | | |
| | 55 | 215 | | | |
| | 65 | 74 | | | |
| | 75 | 0 | | | |
| | 85 | 0 | | | |

| MEDIUM | (50° BEAM) |
|----------------|--------------|
| Test Number | P201216 |
| Housing | LD6B40D010 |
| Module | EU6B30508035 |
| Trim | 6LBM1LI |
| Lumens | 3831 |
| Efficacy | 91.7 Lm/W |
| SC | 0.85 |
| | |





| CONE | CONE OF LIGHT | | | | | |
|---------------|---------------|-----|-----|--|--|--|
| 0° D | | | | | | |
| D | FC | L | W | | | |
| 5.5' | 159 | 4.6 | 4.6 | | | |
| 7' | 98 | 5.8 | 5.8 | | | |
| 8' 75 6.6 6.6 | | | | | | |
| 9' 59 7.6 7.6 | | | | | | |
| 10' | 48 | 8.4 | 8.4 | | | |
| 12' | 33 | 10 | 10 | | | |

| CANDELA | TABLE |
|---------------------|---------|
| Degrees Vertical | Candela |
| 0 | 4794 |
| 5 | 4731 |
| 15 | 3946 |
| 25 | 2829 |
| 35 | 1226 |
| 45 | 216 |
| 55 | 20 |
| 65 | 10 |
| 75 | 5 |
| 85 | 0 |
| 90 | 0 |

| ZONAL LUMEN SUMMARY | | | LUMINANC | E |
|---------------------|--------|-----------|--------------------|-------------------|
| Zone | Lumens | % Fixture | Average Candela | Average 0° |
| 0-30 | 2819 | 73.6 | Degrees 45 | Luminance 3303 |
| 0-40 | 3602 | 94 | 55 | 370 |
| 0-60 | 3819 | 99.7 | 33 | 370 |
| 0-90 | 3831 | 100 | 65 | 251 |
| 90-180 | 0 | 0 | 75 | 205 |
| 0-180 | 3831 | 100 | 85 | 0 |

| WIDE (75 | ° BEAM) |
|----------------|--------------|
| Test Number | P201214 |
| Housing | LD6B40D010 |
| Module | EU6B30508035 |
| Trim | 6LBW1LI |
| Lumens | 4326 |
| Efficacy | 103.5 Lm/W |
| SC | 1.23 |



| CANDLEPOWER DISTRIBUTION | | | | | |
|--------------------------|-----------|--|--|--|--|
| | Downlight | | | | |
| 698 | 90° | | | | |
| 1396 | 60° | | | | |
| 2094 | 450 | | | | |
| 2792 | 15° 30° | | | | |

| CONE | CONE OF LIGHT | | | | | |
|------|---------------|------|------|--|--|--|
| 0° | 0° D | | | | | |
| D | FC | L | W | | | |
| 5.5' | 91 | 6.6 | 6.6 | | | |
| 7' | 56 | 8.6 | 8.6 | | | |
| 8' | 8' 43 9.8 9.8 | | | | | |
| 9' | 34 | 11 | 11 | | | |
| 10' | 27 | 12.2 | 12.2 | | | |
| 12' | 19 | 14.6 | 14.6 | | | |

| CANDELA TABLE | | | | |
|---------------------|---------|--|--|--|
| Degrees Vertical | Candela | | | |
| 0 | 2742 | | | |
| 5 | 2742 | | | |
| 15 | 2778 | | | |
| 25 | 2600 | | | |
| 35 | 1957 | | | |
| 45 | 899 | | | |
| 55 | 159 | | | |
| 65 | 17 | | | |
| 75 | 6 | | | |
| 85 | 0 | | | |
| 90 | 0 | | | |

| ZONAL LUMEN SUMMARY | | | LUMINANC | E |
|---------------------|--------|-----------|--------------------|---------------|
| Zone | Lumens | % Fixture | Average Candela | Average 0° |
| | | | Degrees | Luminance |
| 0-30 | 2236 | 51.7 | 45 | 13769 |
| 0-40 | 3439 | 79.5 | | |
| | | | 55 | 3006 |
| 0-60 | 4301 | 99.4 | | |
| 0-90 | 4326 | 100 | 65 | 430 |
| 90-180 | 0 | 0 | 75 | 234 |
| 0-180 | 4326 | 100 | 85 | 0 |

| SHALLOW (75° BEAM) | | | | |
|--------------------|--------------|--|--|--|
| Test Number | P35144 | | | |
| Housing | LD6B40D010 | | | |
| Module | EU6B30508035 | | | |
| Trim | 6LBCS1MMS | | | |
| Lumens | 4403 | | | |
| Efficacy | 105.3 Lm/W | | | |
| sc | 1.16 | | | |
| | | | | |



| CANDLEPOWER DISTRIBUTION | | | | |
|--------------------------|-----------|--|--|--|
| | Downlight | | | |
| 500 | 90° | | | |
| 506 | | | | |
| 1011 | 60° | | | |
| 1517 | 45° | | | |
| 2022 | 15° 30° | | | |

| ٩ | | | | | | | |
|---|------|----|------|------|--|--|--|
| | 0. | | | | | | |
| | D | FC | L | W | | | |
| | 5.5' | 67 | 6.2 | 6.2 | | | |
| | 7' | 41 | 8 | 8 | | | |
| 1 | 8' | 32 | 9.2 | 9.2 | | | |
| | 9, | 25 | 10.4 | 10.4 | | | |
| | 10' | 20 | 11.6 | 11.6 | | | |
| | 12' | 14 | 13.8 | 13.8 | | | |
| | | | | | | | |

CONE OF LIGHT

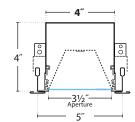
| CANDELA TABLE | | | | | |
|---------------------|---------|--|--|--|--|
| Degrees Vertical | Candela | | | | |
| 0 | 2022 | | | | |
| 5 | 2005 | | | | |
| 15 | 1897 | | | | |
| 25 | 1697 | | | | |
| 35 | 1430 | | | | |
| 45 | 1119 | | | | |
| 55 | 743 | | | | |
| 65 | 370 | | | | |
| 75 | 94 | | | | |
| 85 | 3 | | | | |
| 90 | 0 | | | | |

| ZONALI | LUMEN SU | JMMARY | | LUMINANC | E |
|--------|----------|-----------|----|--------------------|---------------|
| Zone | Lumens | % Fixture | | Average Candela | Average 0° |
| | | | IJ | Degrees | Luminance |
| 0-30 | 1506 | 34.2 | | 45 | 17139 |
| 0-40 | 2399 | 54.5 | | | |
| 0 40 | 2000 | 34.5 | | 55 | 14033 |
| 0-60 | 3921 | 89 | | | |
| | | | | 65 | 9486 |
| 0-90 | 4403 | 100 | | | |
| 90-180 | 0 | 0 | | 75 | 3933 |
| 0-180 | 4403 | 100 | | 85 | 348 |



OLITE.COM 213.740.030

Type:
Job:



(LI(K HERE

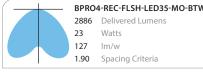
UPTO но 🌶 LO МО SO BTW Lm/Ft 490 720 1000 1250 BPRO4-REC-FLSH-LED35-MO-BTW W/Ft 4 6 8 10.5

sal Lm/Ft

LED tech advancements continue, so must linear manufacturers. Budget-friendly, fast delivery and easy installs are a given.

What distinguishes BionicPro?

Fantastic batwing performance with a seamless lens and smooth, satin look. BionicPro delivers remarkably soft, even illumination with low glare (UGR) and no light leaks, anywhere.









Lumen output may vary +/- 5% **Light Loss Factor (LLF) for CCTs other than 3500K:** 4000K +2%, 3000K -5%, 2700K -20% 90 CRI -15% (3K, 3500K, 4K & 5K)

685

LUMEN CHART AT 3500K-80 CRI

460

945

1185

| J (- | , | 5 | , , | | | | | | LED Details | | See LED Details PDF for more info |
|-----------------|-----------------------|--|--|---|---|---|-------------------------|--|--|--|--|
| SERIES | LENSPO- SITION | LED COLOR | OUT- PUT | NOMINAL LENGTH | TRIM COLOR | DISTRI- BUTION | CIRCU- ITING | VOLT- AGE | CEILING SYSTEMS | DRIVERS | OPTIONS & CONTROL SENSORS |
| BPro4- REC | | | | | | | | | | | |
| Bion- icPro4 | FLSH Flush Lens | LED27 2700K (90CRI) LED3 3000K LED35 3500K LED4 4000K LED3- 90 90CRI LED35- 90 90CRI LED4- 90 90CRI LED5- 90 90CRI | LO Low MO Medium SO Stan- dard HO High PROG Pro- gram- mable Light Output (Specify desired Im/ ft or w/ft) | 2´3´4´4´5′6´7′8´8´8 R_(RowLength, 1'increments) NOTE: Individual fixtures are NOT intended for row mounting | TMW Tex- tured Matte White (Standard) YGW Gloss White Y Pre- mium Color CC Custom Color | SAL Satin Lens BTW Ba- twing | SC Single Circuit | UNV (120-277) 120 277 347 (Emergency battery requires remote driver box) | X1 1%6"T-Bar X1M %6"T-Bar X1T 15%6" T-Bar Tegular X2 Dimensional T-Bar Armstrong %6" Interlude® X3 Hard Ceiling (Flange Trim) X6 %6" Slot Grid X7 Mud-Over Flange X9 Finished Ex- truded Side for Grid Ceilings (See pages 3-4 for detail and notes) | ND Non-Dimming DM01 0-10v, 1% Dimming (Standard) LDE5 Lutron 5-Series EcoSystem LED LDE1 Lutron Hi-lume 1% EcoSystem LED (Soft fade on, fade-to-black dimming) ECO 1% 0-10v, EldoLED (Logarithmic dimming std) SOLO 0.1% 0-10v, EldoLED (Dim-to-dark, Logarithmic dimming std) SODA 0.1% DALI, EldoLED (Dim-to-dark, Logarithmic dimming std) SODA 0.1% DALI, EldoLED (Dim-to-dark, Logarithmic dimming std) | 1250 Delivered lumens; Fixtures 4' or longer, CA Title 20 compliant) ETS-DR Lota ETS-DR Emergency Transfer Switch EMC Emergency Circuiting CP Chicago Plenum OMB Overhead Mounting Bracket (X3, X7 and X9 optional installation [2x per fixture]) SENSORS: 205-ON/OFF WattStopper PIR Occupancy (No power to fixture) 205-DM WattStopper PIR Occupancy (Sets to min. dimming level) ENL Enlighted SU-5E-IOT LVOC Lutron Vive (Occ & RF) LVRF Lutron Vive (RF Only) NXSMP Hubbell (Occ) |



BionicPro4[™] | Recessed Linear



PRULITE COM 213 746 0360

SATIN LENS — DISTRIBUTION

Medium Output:

BPRO4-REC-FLSH-LED35-MO-SAL

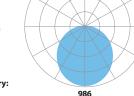
2740 Delivered Lumens23 Watts

120 lm/w 3500 CCT

1.22 Spacing Criteria

1.22 Test

#104013131LAX-003F



| Zonal Lumen | Summary: |
|--------------------|----------|
| 0-90 = 100% | - |

| Vertical Angle | 0 ° | 25° | 45° | 65° | 90° |
|-------------------|------------|-----|-----|-----|-----|
| 0° | 986 | 986 | 986 | 986 | 986 |
| 5° | 980 | 980 | 977 | 982 | 982 |
| 15° | 934 | 935 | 934 | 942 | 943 |
| 25° | 852 | 852 | 854 | 865 | 869 |
| 35° | 742 | 742 | 746 | 760 | 463 |
| 45° | 613 | 612 | 617 | 630 | 639 |
| 55° | 472 | 471 | 477 | 488 | 497 |
| 65° | 323 | 323 | 329 | 339 | 348 |
| 75° | 175 | 175 | 181 | 190 | 198 |
| 85° | 37 | 37 | 42 | 49 | 56 |
| 90° | 0 | 0 | 0 | 0 | 0 |

BATWING — DISTRIBUTION

Medium Output:

BPRO4-REC-FLSH-LED35-MO-BTW

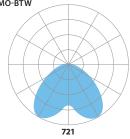
2886 Delivered Lumens

23 Watts127 Im/w

3500 CCT

1.90 Spacing Criteria

Test #104013131LAX-003B



Zonal Lumen Summary: 0-90 = 100%

| | , | | | 721 | |
|-------------------|------------|------|-----|-----|-----|
| Vertical Angle | 0 ° | 25° | 45° | 65° | 90° |
| 0 ° | 721 | 721 | 721 | 721 | 721 |
| 5° | 773 | 765 | 742 | 724 | 714 |
| 15° | 996 | 961 | 854 | 724 | 655 |
| 25° | 1110 | 1074 | 933 | 698 | 561 |
| 35° | 1084 | 1057 | 925 | 634 | 463 |
| 45° | 906 | 907 | 824 | 533 | 378 |
| 55° | 612 | 640 | 635 | 411 | 306 |
| 65° | 360 | 381 | 402 | 287 | 235 |
| 75° | 183 | 192 | 204 | 170 | 154 |
| 85° | 48 | 49 | 55 | 55 | 55 |
| 90° | 0 | 0 | 0 | 0 | 0 |

LUMEN MAINTENANCE

L70 — 200,000+ Hours

L90 — 100,000+ Hours (LO, MO & SO)

L90 — 60,000+ Hours (HO)

LED SYSTEM LED modules and drivers are field replaceable.

PROG Programmable light output. Specify desired lumens or watts

per linear foot.

BINNING Standard binning (all Prudential LED boards) includes testing at the chip level and board integration to provide consistent

color temperature within a 3-step MacAdams ellipse, with +/-

5% lumen output range and +/- .004 Duv.

LABELS CSA and ETL damp labeled and I.B.E.W. manufactured.

ELECTRICAL Must specify LED dimming controls. LED fixtures have

constant current driver(s) with less than 20% THD when loaded to a minimum of 60%. Drivers sink a maximum of 6mA per driver. DM01 LED drivers are 0-10V dimmable and are compatible with most 0-10V wall slide dimmers and direct 0-10V analog signal dimmers. Max driver size 1.65° w x 1.25° h.

CONSTRUCTION

Housing Extruded aluminum trim and side wall

>25% PC recycled, 100% recyclable.

20-gauge steel top housing

>20% PC recycled, 100% recyclable.

Lens Acrylic, 100% recyclable.

Weight 4.5 lbs / ft.

MOUNTING Recessed into drywall or t-bar ceilings.

WARRANTY Single-source, 5 year limited warranty covers standard

components and construction.



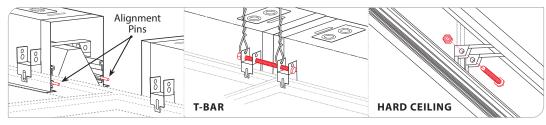


Choose from one of our Premium Colors with no set-up fee.

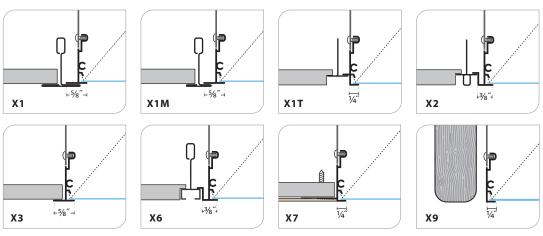
For paint chip samples, please email: info@prulite.com



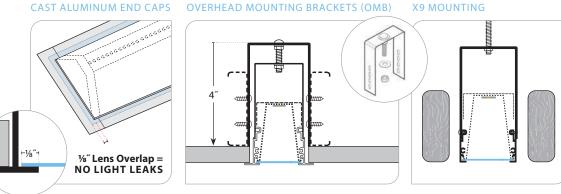
ADJOINING DETAILS



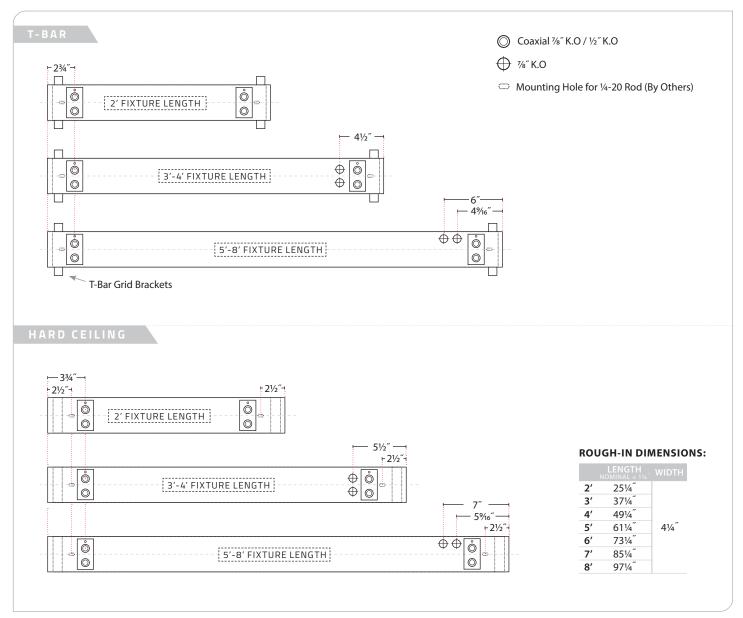
CEILING SYSTEMS



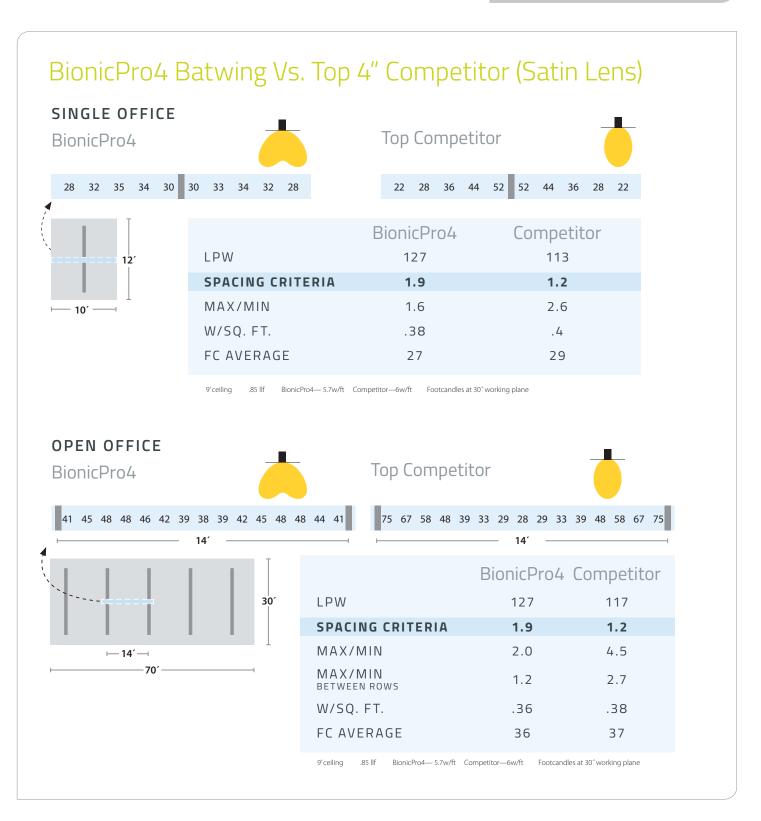
CAST ALUMINUM END CAPS



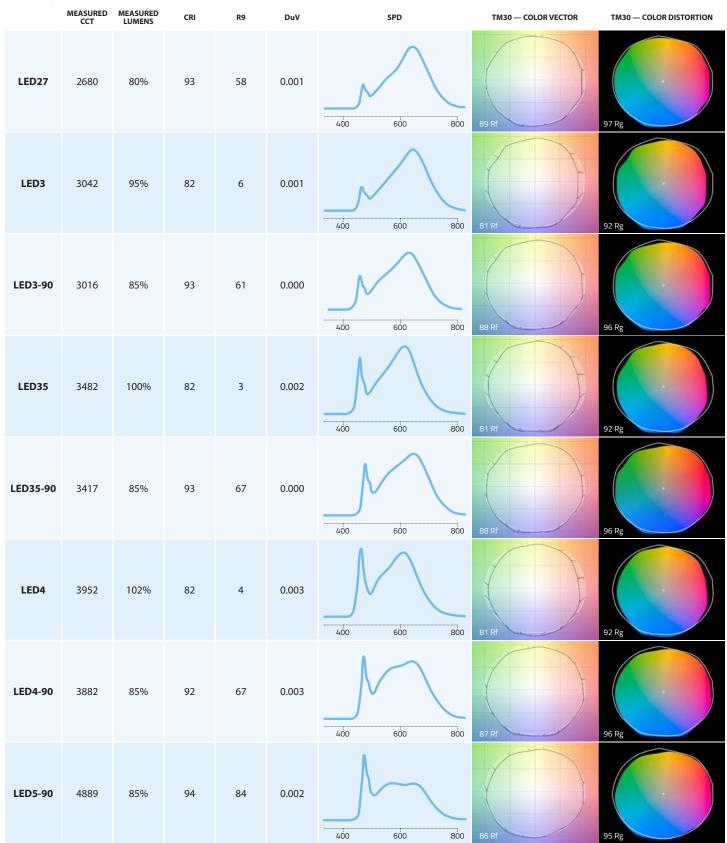
MOUNTING LOCATIONS







LM79 & TM30 DATA:





Slice LED Sconce SLCS Series

Features

Modern sconce with wall wash effect.
Ideal use in hallways, entrances or anywhere general lighting is needed.
Provides lighting in residential, commercial and hospitality applications.
Vertical or horizontal mounting. Meets ADA requirements.
Fixture mounts to standard junction box (not included)

Construction

Fabricated metal housing. Power supply connections must be made inside a junction box (not included).

Finish

Black finish.

Diffuser

White glass diffuser.

Electrical

Input 120 VAC / 60 Hz. Compatible with residential TRIAC and ELV dimming.

Lamping

Fixture includes an LED module capable of producing: 13W = 1400 source lumens/756 delivered lumens 3000K (CCT). Rated for 50,000 Hrs., 90 CRI.

Certification

All fixtures are cETLus listed for indoor damp locations. ADA

Warranty

Limited warranty: This fixture is free from defects in materials and workmanship for a period of 5 years from date of purchase.

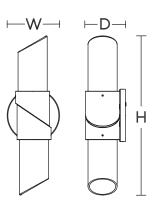
Specifications and dimensions subject to change without notice.

Ordering Information:

| Black | LED | | Delivered Lumens | | Н | W | D | |
|-----------------|-----|------|---------------------|-------|-----|--------|--------|--|
| SLCS0512L30D1BK | 13W | 1400 | 756 | 3000K | 13" | 4-1/8" | 3-1/2" | |

| LOCATION | DATE |
|-------------------|--------------|
| PREPARED BY | QUANTITY |
| COMMENTS | FIXTURE TYPE |
| CATALOG NUMBER | |







PRODUCT DETAILS:

- Mounting hardware is hidden on the backplate to ensure a clean silhouette.
- Suitable for use in damp (interior moist and outdoor no direct rain or sprinkler) locations as defined by NEC and CEC. Meets United States UL Underwriters Laboratories & CSA Canadian Standards Association Product Safety Standards
- Fixture is ADA compliant and adheres to the standards and guidelines listed by the Americans with Disabilities Act.
- LED components carry a 5-year limited warranty
- Merging the best of traditional and modern elements, with a sophisticated and streamlined look
- · Striking black finish enhances design

AIDEN

53060BK

SMALL LED SCONCE

Bold and balanced are the defining elements of Aiden. A striking, signature cuff centers the etched white glass baton, while matching end caps complete the simple symmetry. The clean transitional silhouette with either a Chrome or Black finish can be mounted vertically or horizontally with Invisi-mount for a look that is as flexible as it is fashionable.

| DETAILS | |
|-----------|--------------|
| FINISH: | Black |
| MATERIAL: | Steel |
| GLASS: | Etched White |

| DIMENSIONS | |
|------------|--------|
| WIDTH: | 4.8" |
| HEIGHT: | 13.5" |
| WEIGHT: | 2 lbs. |

| LIGHT SOURCE | 7 |
|------------------------------|--|
| LIGHT SOURCE: | Integrated LED |
| LED NAME: | L52092D |
| WATTAGE: | 20w LED *Included |
| VOLTAGE: | 120v |
| COLOR TEMP: | 3000.0000k |
| LUMENS: | 1700 |
| CRI: | 95 |
| INCANDESCENT EQUIVALENCY: | 2 x 60w |
| DIMMABLE: | Yes, on any Incandescent, MLV, ELV, or C-L dimmer (optimal). |

| SHIPPING | |
|----------------|--------|
| CARTON LENGTH: | 16.5" |
| CARTON WIDTH: | 7" |
| CARTON HEIGHT: | 10.5" |
| CARTON WEIGHT: | 2 lbs. |



PHONE: (440) 653-5500

Toll Free: 1 (800) 446-5539



Butler LED Outdoor Lantern BTLW Series

Features

This Outdoor LED Wall Sconce is an energy saving long lasting alternative to incandescent. Mounts to a standard electrical box.

Construction

The wall plate, arm and diffuser housing are all made from die-cast aluminum with a durable powder coat. Power supply connections must be made in junction box (by others).

Finish

Black painted finish.

Diffuser

White glass diffuser.

Electrical

Input 120 VAC 60 Hz .08A Minimum starting temperature -20° F.

LED

Integrated LED modules capable of producing: 9W, 830 source lumens, 3000K Rated for 50,000 Hrs. 90 CRI.

Certification

cETLus listed for wet locations.

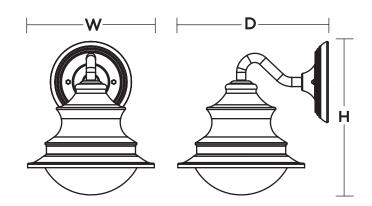
Warranty

Limited warranty: This fixture is free from defects in materials and workmanship for a period of 5 years from date of purchase.

Specifications and dimensions subject to change without notice.

| LOCATION | DATE |
|-------------------|--------------|
| PREPARED BY | QUANTITY |
| COMMENTS | FIXTURE TYPE |
| CATALOG NUMBER | |





Ordering Information:

| Black | LED | Lumens | ССТ | Н | W | D |
|-------------------|-----|--------|-------|---------|--------|---------|
| BTLW061007L30ENBK | 9W | 830 | 3000K | 10-1/2" | 8-3/4" | 10-1/2" |



Concord LED Outdoor Sconce CNCW Series

Features

Modern angular design. Open bottom for wall wash effect. Ideal use in hallways, entrances or anywhere general lighting is needed. Provides lighting in residential, commercial and hospitality applications. Meets ADA requirements. Fixture mounts to standard junction box (not included).

Construction

Back plate is die-formed of 22-gauge steel. Standard mounting holes and hardware are included. Power supply connections must be made inside a junction box (not included).

Finish

All metal parts are powder coated in white or black.

Diffuser

Frosted glass diffuser.

Electrical

This unit is direct wired with a low voltage electronic LED driver. The constant current LED driver is rated for 120-277 VAC input, 0-10V dimmable. Minimum starting temp -20°F.

Lamping

Fixture includes a LED modules capable of producing: 12W, 1000 source lumens. 3000K (CCT). Rated for 50,000 Hrs., 90 CRI.

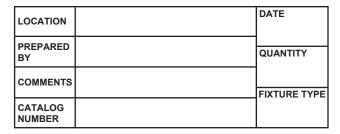
Certification

All fixtures are cETLus listed for wet locations. ADA

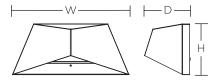
Warranty

Limited warranty: This fixture is free from defects in materials and workmanship for a period of 5 years from date of purchase.

Specifications and dimensions subject to change without notice.







Ordering Information:

| | | Jource | | | | | |
|-------------------|-------------------|--------|--------|-------|--------|---------|----|
| White | Black | LED | Lumens | CCT | H | W | D |
| CNCW100510L30D2WH | CNCW100510L30D2BK | 12W | 1000 | 3000K | 4-1/2" | 10-1/2" | 4" |

Source

Outdoor Gooseneck Barn Light - AQDLXS-925

DESCRIPTION

Material: Aluminum Voltage: 12V / 120V AC Socket Type: E26 / Medium Base

Power Rating: 120 watt max Mounting: Surface Bulb Type: PAR / BR / A

Weight: 3.5 lbs

Certifications: ETL 4001662



215/8"

53/8"

ACCESSORIES

6" & 12" arm extension, photocell, motion sensor

















White

ORDERING INFORMATION

AQDLXS-925

FINISH

BLK WHT RED White Red ABRZ Bronze

BULB

WWND 10W Non-Dimmable Warm White 3000K LED CWND

DIMENSIONS

141/4"

10W Non-Dimmable Cool White 5000K LED
9W Dimmable Warm White 3000K GU24 Puck Lamp LED
12W Dimmable Warm White 3000K GU24 Corn Enclosed LED

151/2"

AQDLXS-925 - _____ - __

Fixture Type:_____

Job Name: Notes: _

| Project | Catalog # | Туре | |
|-------------|-----------|------|--|
| Prepared by | Notes | Date | |



Metalux

GR LED

General Recessed LED Troffer w/ Prismatic Lens

Typical Applications

Office • Education • Healthcare • Retail • Residential



Interactive Menu

- Order Information page 2
- Product Warranty

Product Certification







Product Features







Top Product Features

- Replaces 2 or 3-lamp T8 fluorescent lamps (64-96W equivalent)
- Traditional prismatic A12 lens and door assembly
- · Low profile, IC Rated recessed form factor fits most T-grid systems
- · Easy to install; Below the ceiling maintenance
- · Available in 2x2 and 2x4 sizes

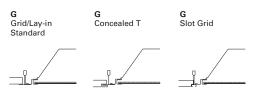
Dimensional and Mounting Details

3-1/4" [83mm] 23-3/4" [603mm]

Door Frame



Ceiling Compatibility

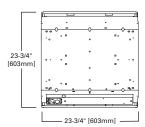


| Exposed Grid | G |
|--------------|---|
| Concealed T | G |
| Slot Grid | G |

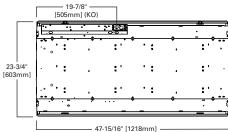
Metalux

Mounting Data

2x2



2x4



Product Information

| Catalog Number | Size (in) | Lumen | Watts | Efficacy (Im/W) | UPC | сст | Unit Weight | Pallet Qty |
|--------------------|--------------------|-------|-------|-----------------|--------------|-------|-------------|------------|
| 22GRLD2440R1 | 23.8 x 23.8 x 3.25 | 2400 | 19 | 130 | 080083826179 | 4000K | 13 | 48 |
| 24GRLED5040RT-120V | 23.8 x 47.8 x 3.25 | 5000 | 45 | 111 | 080083826186 | 4000K | 27 | 28 |
| 22GRLED1322X2RT | 23.8 x 23.8 x 3.25 | 3274 | 29 | 117 | 080083724604 | 3500K | 13 | 48 |
| 24GRLED1382X4RT | 23.8 x 47.8 x 3.25 | 3884 | 29 | 134 | 080083699674 | 3500K | 27 | 28 |

Accessories

- EQ-Clip-U = T-BAR Safety Earthquake Clips (Recommended for all 9/16" T-grid ceilings)
- DF-22-W = 2' x 2' Drywall Frame Kit
- DF-24-W = 2' x 4' Drywall Frame Kit
- EBPLED7W = User Installed, Remote Mount, 7 Watt LED Emergency Battery Pack
- EBPLED14W = User Installed, Remote Mount, 14 Watt LED Emergency Battery Pack

Product Specifications

Construction

- · Rigid housing is die formed of code gauge prime cold rolled steel
- · Unibody endplates are securely attached with interlocking tabs and screws
- · Full length die-formed stiffeners provide added strength
- · Recessed lay-in installation. Fits standard T-grid systems

Mounting

- · Integral grid locking clips for added safety
- · Auxiliary fixture end suspension points provided when added retention is required
- Multiple trade size KOs available for installation flexibility
- Fixture is less than 3.75" high for use in low ceiling spaces
- · Surface mounting kits available

Electrical

- · 120V FCC Class A electronic non-dimming driver (R and RT-120V models only)
- RT model driver specs are 120-277V (UNV) with 0-10V dimming to 10%
- 0-10V dimming uses low-voltage grey and purple wire leads

LED and Light Engine

- 3500K or 4000K CCT with minimum 80 CRI
- · L82 at 60,000 rated life-hours (TM-21), or up to 24 years at 6 hrs/day.
- · LED modules comply with IESNA LM-79 and LM-80 standards

Door Frame / Optical Shielding

- · Die formed, flat steel door frame with spring loaded
- · #12 pattern acrylic prismatic lens provides traditional fluorescent look
- · Lens thickness 0.095" nominal

Compliance and Certifications

- · cULus listed for damp location in 25°C ambient environments
- · IC rated for direct insulation contact
- · RoHS compliant
- · DesignLights Consortium Qualified, refer to www. designlights.org for details (RT models only)

Product Warranty

· 5-year warranty

