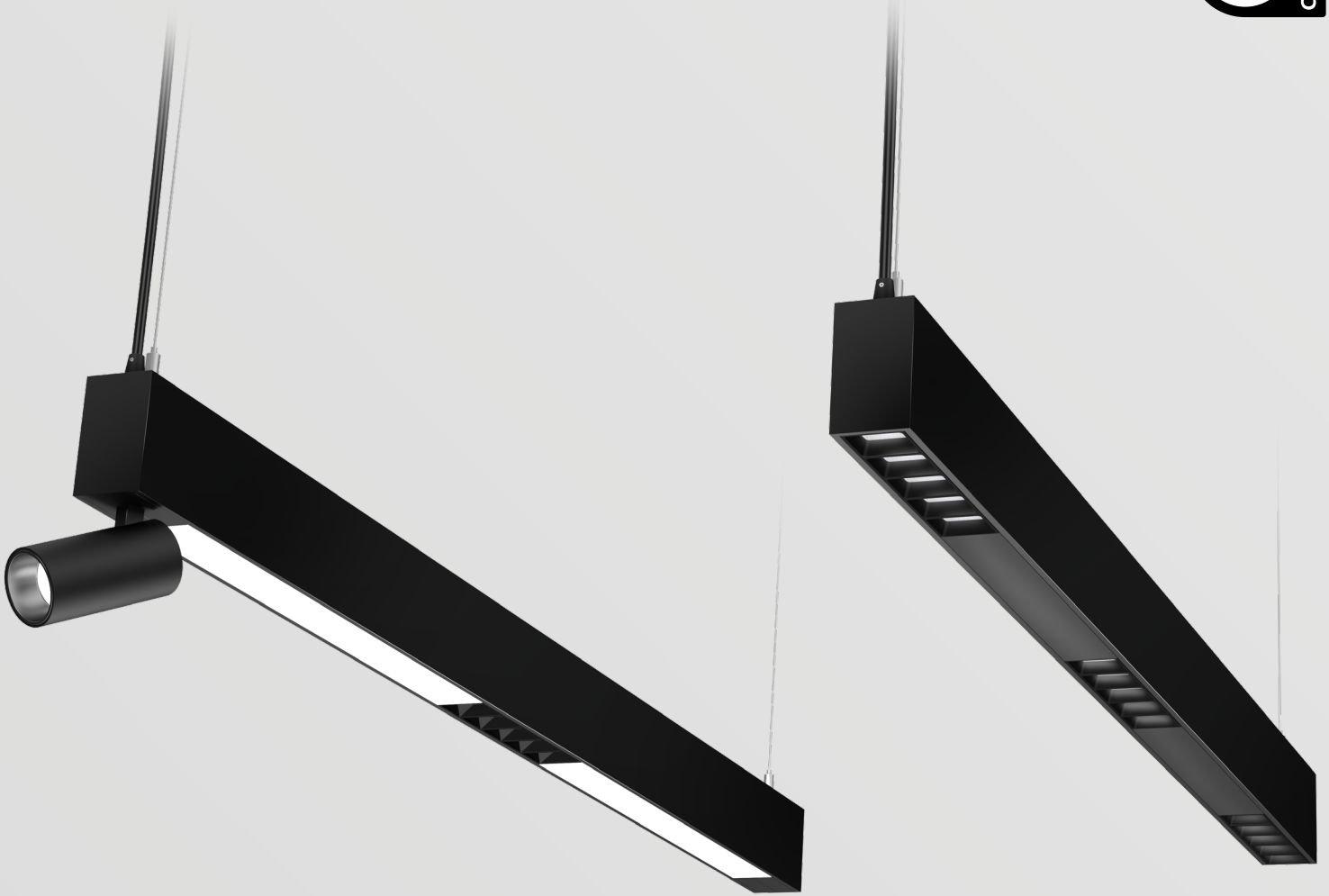


LUMEN WARM



**EROS COMBO SUSPENDED
LWERSC-SPD**



BROCHURE



INSTALLATION SHEET

Eros Combo Suspended

The Eros conception allows you to create long linear runs to appropriately light up the space it is installed in. Custom lengths and patterns are also a possibility and with its fully lit corners, darkness will be a thing of the past



Performance

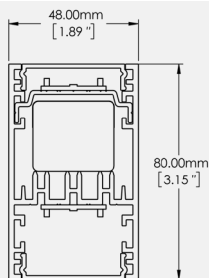
| Direct | | | | Indirect | | | |
|--------|------------------------------|------|------|----------|------------|------|------|
| Lm | Lens Type | W/ft | Lm/W | Lm | Lens Type | W/ft | Lm/W |
| 300 | Lambertian | 2.4 | 125 | 1000 | Lambertian | 4.8 | 408 |
| 750 | | 6.1 | 122 | 750 | 60° | 3.3 | 233 |
| 1000 | | 8.8 | 114 | 750 | 90° | 3.3 | 233 |
| 750 | Multicell 12° Module | 5.1 | 147 | 750 | Asymmetric | 3.3 | 233 |
| 750 | Multicell 24° Module | 5.1 | 147 | 750 | Batwing | 3.3 | 233 |
| 750 | Multicell 38° Module | 5.1 | 147 | | | | |
| 750 | Multicell 50° Module | 5.1 | 147 | | | | |
| 750 | Multicell 35°X70° Module | 5.1 | 147 | | | | |
| 750 | Multicell Wall Washer Module | 5.1 | 147 | | | | |

Please note this information is based on a 1ft / 4000K fixture.

Highlights

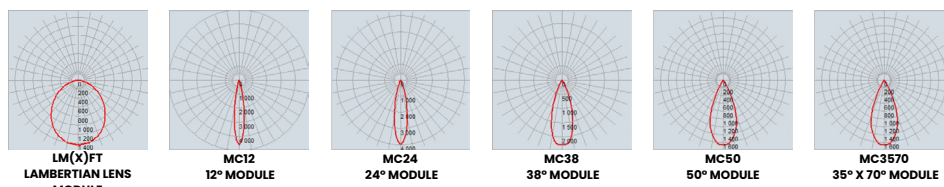
| | |
|---------------------------|---|
| Lumen Output | Up to 1100lm/ft Deliver lumen with lambertian lens. |
| Efficiency | Up to 145lm/W |
| Colour Temperature | 2700K, 3000K, 3500K, 4000K |
| CRI | 90 |
| Input Voltage | Integral driver, 100-277VAC |
| Dimming Options | 0-10V (Down to 1%), Lutron Ecosystem, Dim to Off |
| Lead In | Up to 80ft maximum run per power feed (15A /1650W maximum). |

Dimensions

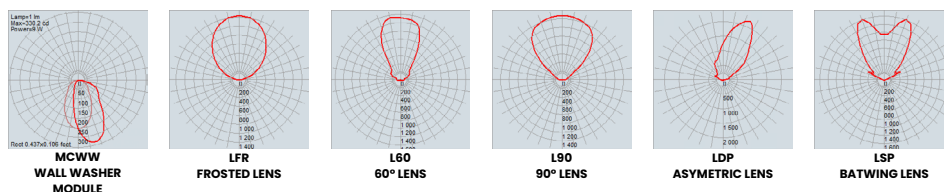


Distribution

Direct



Indirect



Configuration Example



TOLL FREE 1 866 586 3692
TEL. 514 286 0227
info@lumenwarm.com

OFFICE AND SHOWROOM
155 Fortin Street, Suite 180, Quebec
City, QC G1M 3M2, Canada

LAST UPDATE
22/10/2024

| | | | | | |
|------------------|-----------------------|----------|------------------|-----------|-------------------|
| Ordering Section | Technical Information | Controls | Mounting Options | Emergency | Photometrics Data |
|------------------|-----------------------|----------|------------------|-----------|-------------------|

Eros Combo Suspended

Ordering Guide

Ex: LWERSC-SPD-48-NA-MBK-LM(5)FT-P300-MC12(2)-P500

| Product Code | Length | Pattern Type | Pattern Dimensions | Exterior Finish | Direct Linear Modules | Direct Linear Modules Lumen Package | Direct Multicell Modules (5) | Direct Multicell Modules Output (5) |
|---|--|--|--|---|---|--|---|-------------------------------------|
| LWERSC-SPD | | | | | | | | |
| 48 48in 60 60in 72 72in 84 84in 96 96in 144 144in CUCR Custom Continuous Run CUSU Custom Single Unit CUPA Custom Pattern | PAL L-Shaped Pattern PAS Square Shaped Pattern PAU U-Shaped Pattern PAT T-Shaped Pattern PAX X-Shaped Pattern PAH H-Shaped Pattern CU Custom Shaped Pattern (1) NA None | A X B A X B A X B X C A1+A2 X B A1+A2 X B1+B2 A X B1+B2 X C1+C2 | MBK Matte Black MWH Matte White CU Custom (2) | LM(x)FT High Efficiency Lambertian Lens Module (3) NA None | P300 300lm/ft P400 400lm/ft P600 600lm/ft P700 700lm/ft P900 900lm/ft P1100 1100lm/ft CU Custom Output (4) NA None | MC12(x) 12° MC24(x) 24° MC38(x) 38° MC50(x) 50° MC3570(x) 35° x 70° MCWW(x) Wall Washer NA None | P500 500lm/Module P750 750lm/Module P1000 1000lm/Module CU Custom NA None | |
| *Refer to the "Technical Information" section for further details.* | | (1) A drawing will be needed for custom shapes. Refer to next page for more details on available shapes. | | (2) Specify RALK7 code. | (3) LM(total length required)FT Ex: LM12FT Provide sketch/drawing for modules positioning (P.6). | | (4) Consult factory for more information. | |
| | | | | | | | (5) MC12(add number of module) Ex: MC12(1) If more than one MC12(4) + MC24(4) Provide sketch/drawing for modules positioning (P.6). Unfilled space will be filled with blank cover, total of modules length cannot exceed total length. | |

Ex: DCH-27K-ULFR-P300-27K-BKD-FRG-MBK-9SK

| Multicell Finish | Direct Colour Temperature | Indirect Linear Modules | Indirect Lumen Package | Indirect Colour Temperature | Power Cable Colour | Canopy and Finish | Accessories |
|--|--|--|---|--|--|---|--|
| DCH Dark Chrome MBK Matte Black MWH Matte White CU Custom NA None | 27K 2700K 30K 3000K 35K 3500K 40K 4000K ADJ Tunable White CU Custom (6) | ULFR High Efficiency Lambertian Lens UL60 60° Focus Lens UL90 90° Focus Lens ULDP Asymmetric Lens ULSP Batwing Lens NA No Indirect Module (7) | P300 300lm/ft P400 400lm/ft P600 600lm/ft P700 700lm/ft P900 900lm/ft P1100 1100lm/ft CU Custom Output (8) NA None | 27K 2700K 30K 3000K 35K 3500K 40K 4000K CU Custom (9) NA None | BKD Black Decorative Cable WHD White Decorative Cable | FRD-MBK Matte Black Round FRD-MWH Matte White Round FRG-MBK Matte Black Rectangle (10) FRG-MWH Matte White Rectangle (10) CU Custom (11) | 3SK 3ft Adjustable Suspension Kit 9SK 9ft Adjustable Suspension Kit 20SK 20ft Adjustable Suspension Kit CUSK Custom Length (12) |
| *The Multicell Module (MC) option is required to select this option* *Wall washer multicell is only available in Dark Chrome* | (6) Consult factory for more information. | (7) A colour matching cover will be used to protect the inside components if no indirect lighting is required | (8) Consult factory for more information. | (9) Consult factory for more information. | | (10) Rectangular Canopy is compatible with GB2020 junction box models. Refer to the "Mounting Options" section for details. (11) Specify the desired canopy and the RALK7 code. | (12) Specify cable length. |

Ex: IHC-NA-UNI-X10V-IC-NA-AWNR

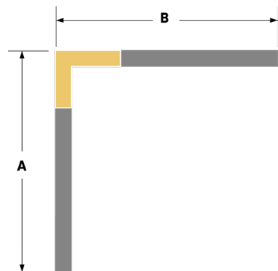
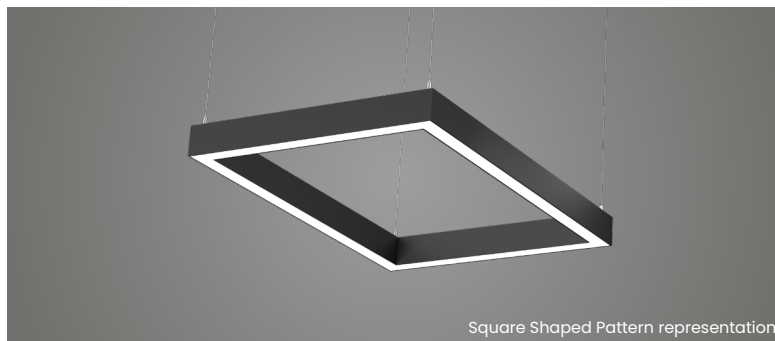
| Mounting | Optional Accent Spotlights (13) | Voltage | Driver | Circuits (17) | Emergency (18) | Controls (19) |
|---|--|---|---|---|--|--|
| 916 9/16 T-Grid Clip 1516 15/16 T-Grid Clip IHC Hard/Drywall Ceiling | 1BGL Single Unit, Power Feed Side 1BGO Single Unit, Opposite Side 2BGE Two Units at Extremities CUBG Custom Positioning / Custom Quantity NA None | UNI Universal 100-277V 347 347V (14) | X10V 0-10V Driver 1% Z10V 0-10V Driver Dim to Off DA2 Dali 2.0 (15) LTI Lutron Hi-Lume 1% OTH Other (16) | 1C One Circuit 2C Two Circuits CU Custom | B6W Integral Battery Pack 6W B10W Integral Battery Pack 10W NA None | AWNR Athena Wireless Node RF Only AWNS Athena Wireless Node RF + Occupancy Sensor NA None |
| | (13) See P.5 for more ordering details and sketch/drawing for spotlight placement. | (14) Requires 0-10V driver. | (15) Dali driver commissioning is required. (16) Consult factory for more information. | (17) Refer to the "Controls" section for more details. | (18) Provide a sketch/drawing for the positioning of the emergency section. Refer to the "Emergency" section for further details. (Not compatible with 347V). | * Only one Node per Circuit.* (19) Athena not compatible with 347V. |

Notes

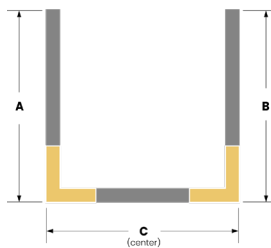
Patterns

Base Information

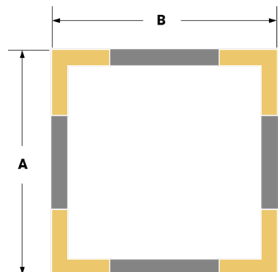
| | |
|--------------------|---|
| Description | The Eros family offers 3 standard connector shapes for different pattern configurations. Every connector is welded in factory and is fully illuminated, ensuring consistent lighting for seamless installation. |
| Dimensions | L-Shaped Connector : 7.5in x 7.5in / 190.5mm X 190.5mm |
| | T-Shaped Connector : 7.5in x 13.75in / 190.5mm X 332mm |
| | X-Shaped Connector: 13.75in x 13.75in / 332mm X 332mm |



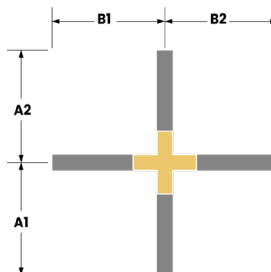
| L-Shaped Pattern | |
|---------------------|---|
| A | B |
| 36in Minimum length | |
| $PAL = A \times B$ | |



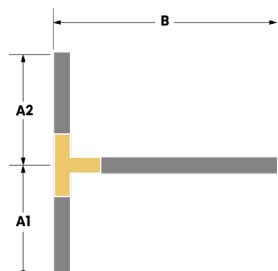
| U-Shaped Pattern | | |
|-----------------------------|---|---------------------|
| A | B | C |
| 36in Minimum length | | 42in Minimum length |
| $PAU = A \times B \times C$ | | |



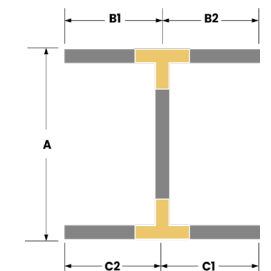
| Square Shaped Pattern | |
|-----------------------|---|
| A | B |
| 42in Minimum length | |
| $PAS = A \times B$ | |



| X-Shaped Pattern | | | |
|--------------------------------|----|----|----|
| A1 | A2 | B1 | B2 |
| 36in Minimum length | | | |
| $PAX = A1 + A2 \times B1 + B2$ | | | |



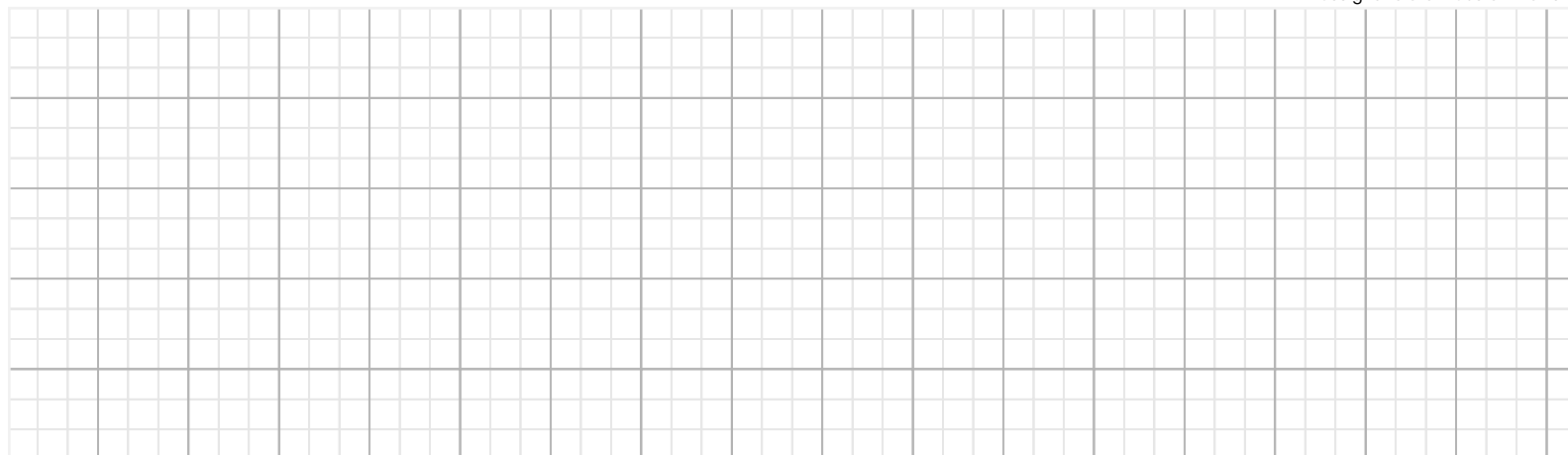
| T-Shaped Pattern | | |
|--------------------------|----|---------------------|
| A1 | A2 | B |
| 42in Minimum length | | 36in Minimum length |
| $PAT = A1 + A2 \times B$ | | |



| H-Shaped Pattern | | | | |
|---|---------------------|----|----|----|
| A | B1 | B2 | C1 | C2 |
| 42in Minimum length | 36in Minimum length | | | |
| $PAH = A \times B1 + B2 \times C1 + C2$ | | | | |

Workshop Drawing

Use grid to draw Custom Pattern



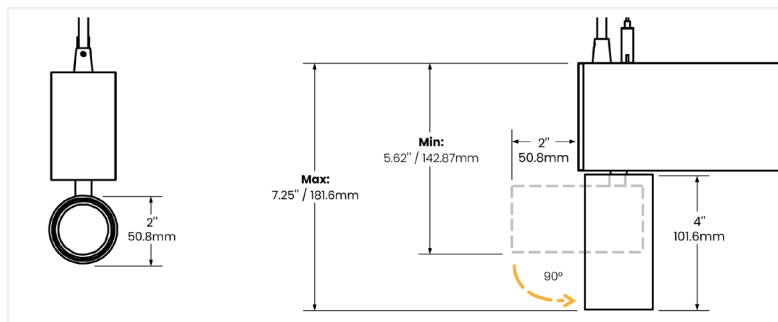
Accent Spotlights

Ordering Options

Example : 1BGL-MBK-P400-27K-16-NA-IC

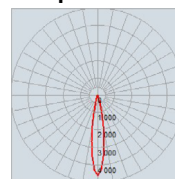
| Product Code | Spotlight Code | Finish | Lumen Package | Colour Temperature | Optics | Accessories | Circuit |
|---|--|--|--|---|--|--|---------|
| LWERSC | | | | | | | |
| 1BGL Single Unit, Power Feed Side 1BGO Single Unit, Opposite Side 2BGE Two Units at Extremities CUBG Custom Positioning / Custom Quantity (1) NA None | MBK Matte Black MHW Matte White | P400 400lm/ Spotlight P800 800lm/ Spotlight | 27K 2700K 30K 3000K 35K 3500K 40K 4000K CU Custom | 16 16° 26 26° 36 36° | DIFF Frosted Diffuser HL Hex Louver NA None | IC Indirect Circuit DC Direct Circuit SC Separate Circuit (2) | |
| (1) Custom option requires a positioning or quantity drawing. | | | | | | (2) Adds a circuit on the fixture, consult factory for more information. | |

Dimensions



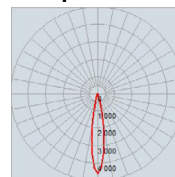
Performance

16° Optics



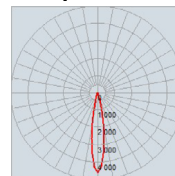
| mA | Lumen | Power (W) | Lm/W |
|-----|-------|-----------|------|
| 275 | 1200 | 9.75 | 118 |
| 350 | 1400 | 12.72 | 110 |
| 500 | 2000 | 19.00 | 98 |

26° Optics



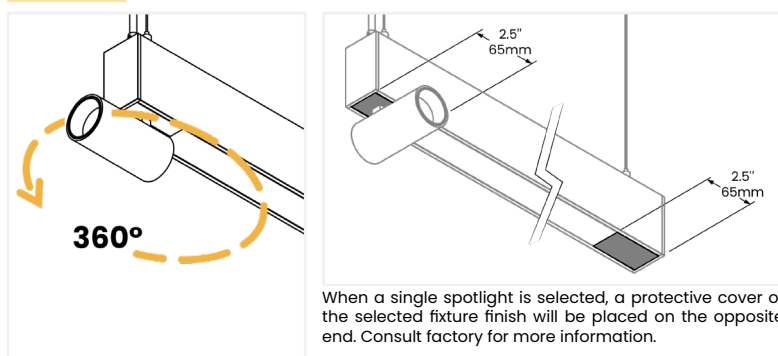
| mA | Lumen | Power (W) | Lm/W |
|-----|-------|-----------|------|
| 275 | 1200 | 9.75 | 120 |
| 350 | 1400 | 12.72 | 114 |
| 500 | 2000 | 19.00 | 101 |

36° Optics

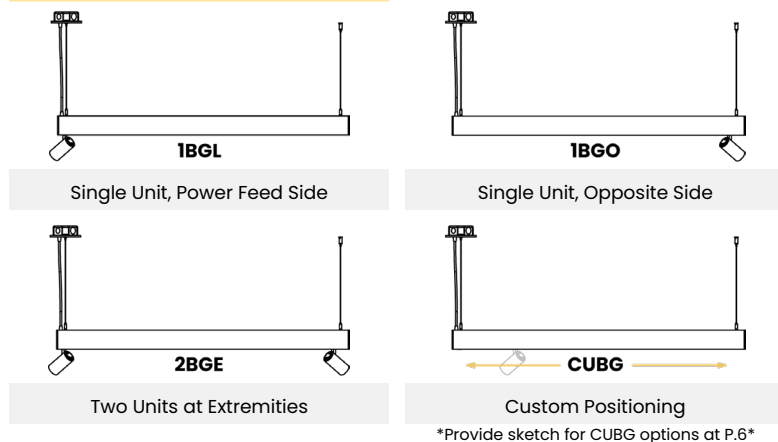


| mA | Lumen | Power (W) | Lm/W |
|-----|-------|-----------|------|
| 275 | 1200 | 9.75 | 123 |
| 350 | 1400 | 12.72 | 119 |
| 500 | 2000 | 19.00 | 105 |

Features



Accent Spotlight Positioning



Planning Grid

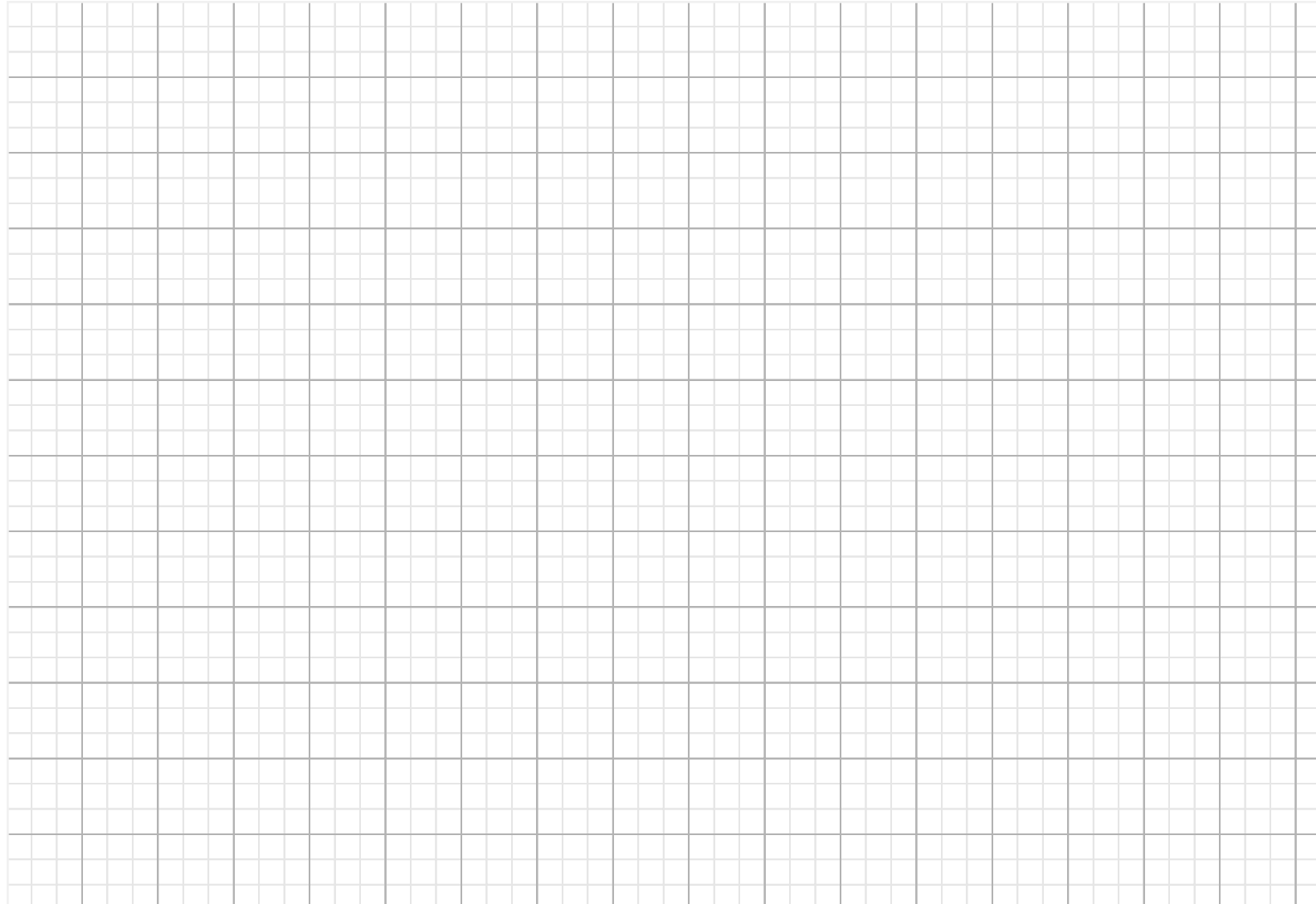
Ordering Options

Direct Fixture Modules Specification

| Code Options | Details | Increment | Selection | Total Length | Quantity | Notes |
|--|--|--|--|--------------|----------|-------|
| LM(X)FT | LM (Total length required) FT Ex: LM12FT | LED increment: 6in / 152.4mm | LM | ft | | |
| MC12(X) MC24(X) MC38(X) MC50(X) MC3570(X) MCWW(X) | MC12(Add number of module) Ex: MC12(2) If more than one : MC12(4) + MC24(4) | Multicell modules Increment: 7.5in / 190.4mm | MC12 MC24 MC38 MC50 MC3570 MCWW | | | |
| CUBG | Accent Spotlight | Bracket dimension: 2.5in / 65mm | CUBG | | | |

Workshop Drawing

Use grid to draw combination



Technical Information

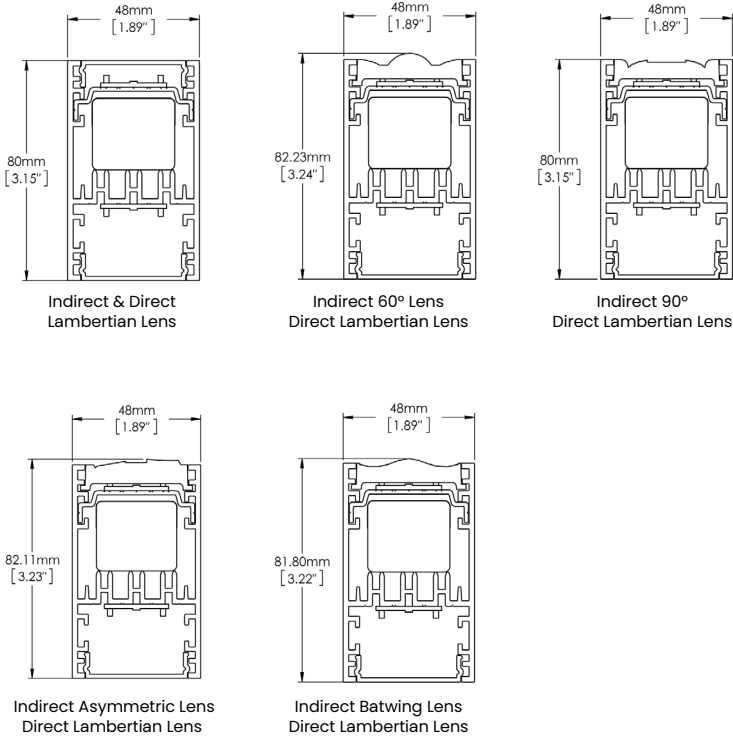
Construction

| | |
|--|--|
| Aluminum Profile | 100% Recycled Aluminum grade 6063-T5 |
| Endcap | Aluminum grade 6063-T5, Extruded and machined part |
| Brackets | |
| High Efficiency Lambertian Lens | Frosted Acrylic, Extruded part |
| Suspension Cable | Stainless steel adjustable aircraft cable |
| Joiner | 1060 Steel, 14 gauge |

Aluminum Profile Colour



Dimensions



Length Management



| | |
|----------|---|
| A | Minimum length for Eros is 4ft long. Eros longer than 8ft will have an additional cost for shipping purpose. Maximum length for one fixture is 12ft . Fixture over 12ft long will be split into sections (see Mounting Options section). |
| B | All Suspension cables are field adjustable in length. |


Module Management

| | | |
|---|---|--|
| LM -High efficiency Lambertian Lens Module | | |
| Dimensions | Maximum length for lens : 3657.6mm/144in Minimum length for lens: 152.4mm/6in | |
| Management | Lambertian module must be calculated with ≈ 152.4mm/6in increment to reduce dark spot risk. | |
| MCXX-Multicell Modules | | |
| Dimensions | Direct Multicell module is ≈ 190.5mm/7.5in | |
| Management | Measure 190.5mm/7.5in increment when you plan your section in the fixture to avoid visible spacing. | |

Multicell Optics

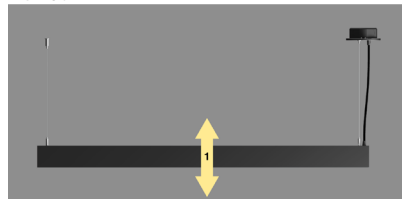


Driver

| | |
|--------------------------------|--|
| 0-10V Driver 1% | Driver for maximum dimming capabilities. Provide a smooth dimming from 10% up to 0.1%, works on 347V only. |
| 0-10V Driver Dim to Off | Driver that facilitates the control of dimming of maximum light power to off state, operates only on 347V. |
| Dali | Driver which allows the addressability of luminaires to be adapted individually or in groups. Its system facilitates the management of connections as well as its installation. |
| Lutron Hi-Lume 1% | The Hi-Lume LED driver is the world's first LED driver to offer smooth, continuous 1% dimming for virtually any LED fixture.  Lutron Hi-Lume 1% Spec Sheet |
| Other Driver | Other driver options are available. Consult factory for more information. |

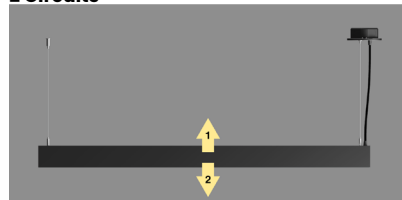
Circuits

1 Circuit



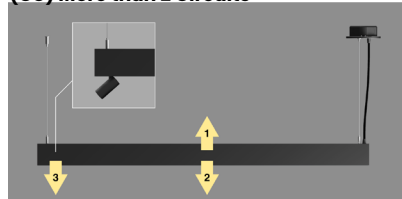
All lighting is on the same circuit and will be controlled simultaneously.

2 Circuits



Direct and indirect lighting are on two separate circuits and will be controlled independently.

(CU) More than 2 Circuits



Direct and indirect lighting are on two separate circuits and will be controlled independently.

A third circuit can be added to specifically control the accent spotlight when the Separate Circuit (SC) option is selected in the Accent Spotlight ordering guide.

Athena Wireless Node

| | |
|-----------------------------|--|
| Models | AWNDR - Radio Frequency AWNS - Radio Frequency + Occupancy Sensor |
| Description | The Athena wireless node is a radio frequency (RF) device that enables simple, digital control of individual light fixtures in an Athena controlled system. The small size and compatibility with a wide variety of drivers allow for seamless integration with common commercial lighting fixtures from any manufacturer. |
| Driver Compatibility | Static White Control: <ul style="list-style-type: none"> • Lutron digital drivers (coming soon) • DALI-2 certified drivers • ANSI C137.1 compliant 0-10V drivers Tunable White Control : <ul style="list-style-type: none"> • Lutron digital drivers (coming soon) • DALI-2 certified drivers |
| Power / Load | <ul style="list-style-type: none"> • IEC SELV / NEC® Class 2 • Operating voltage: 9.5 - 28.8V • Operating current: 46mA max |

Spec Sheet

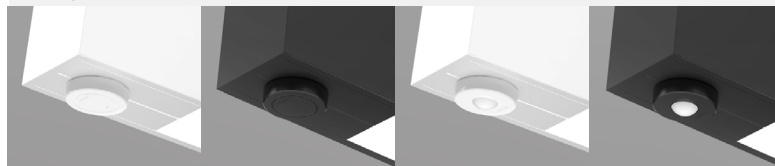


Installation Documents



Finish

Node colour will match the fixture finish, if custom colour is selected, black node will be supplied unless specified otherwise.

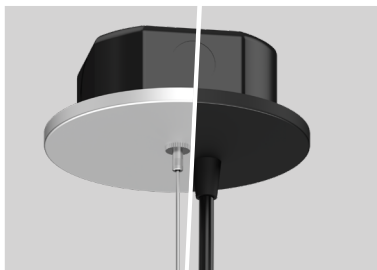


AWNDR - Matte White AWNR - Matte Black AWNS - Matte White AWNS - Matte Black

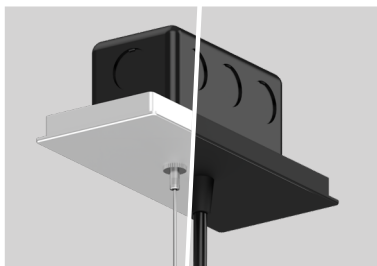
Mounting Options

Canopy Options

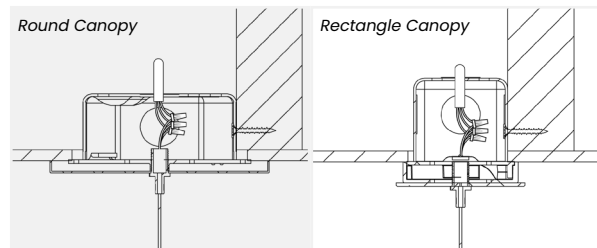
| Round Canopy | | |
|--------------------------|--|--------------------------|
| Code | FRD-MBK | FRD-MWH |
| Description | Matte Black Round Canopy | Matte White Round Canopy |
| Dimensions | Ø5inL x 0.28inH | |
| Boite de Jonction | Compatible with the Standard octagonal model 4.5in x 4.5in | |



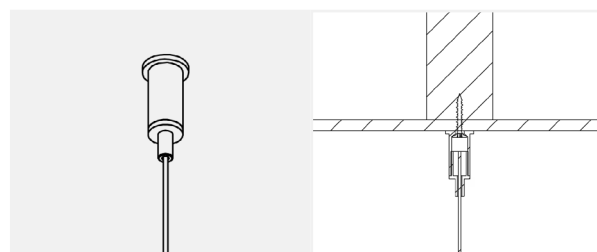
| Rectangle Canopy | | |
|--------------------------|--|------------------------------|
| Code | FRG-MBK | FRG-MWH |
| Description | Matte Black Rectangle Canopy | Matte White Rectangle Canopy |
| Dimensions | 2.90inW X 6.55inL x 0.60inH | |
| Boite de Jonction | Compatible with rectangular model: BC 1104LHT/1104L-CRT/GB 2020 or equivalent. | |



Detailed View



Canopy Options, Hard / Drywall Mounting :
With power feed cable



Hard / Drywall Mounting : No power feed cable

Canopy Installation



Canopy Installation Instructions
Consult our installation guide for more information.

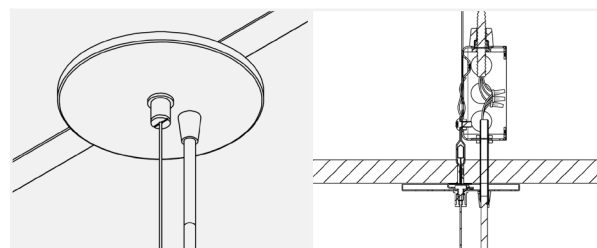
Cable Colour



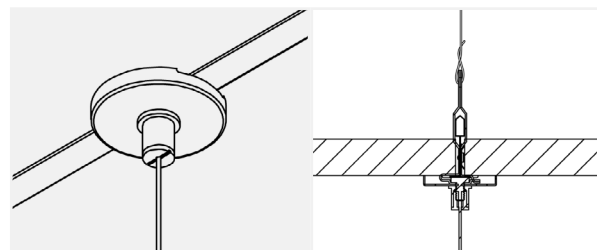
BKD
Black Decorative Cable
(Pass-Through is Matte Black)



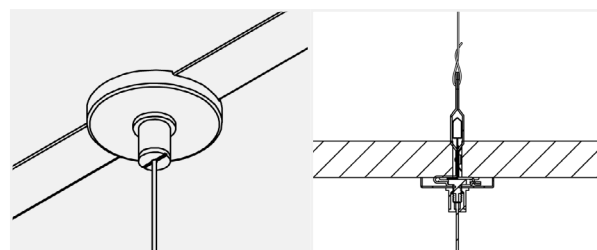
WHD
White Decorative Cable
(Pass-Through is Matte White)



Round Canopy on T-Grid: With power feed cable

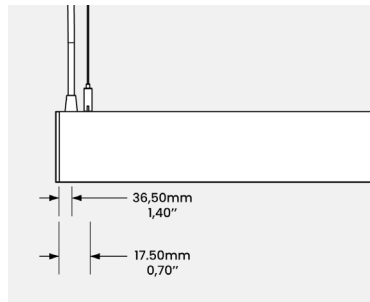


9/16 Clip for T-Grid : No power feed cable

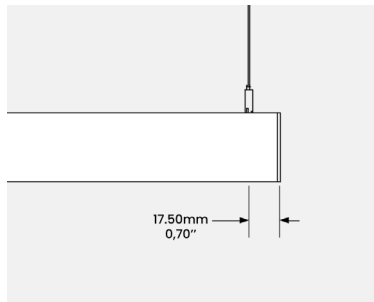


15/16 Clip for T-Grid: No power feed cable

Dimensions

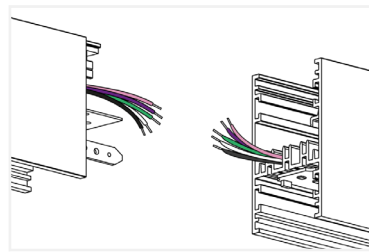


Power feed cable and adjustable aircraft cable measurement from edge.



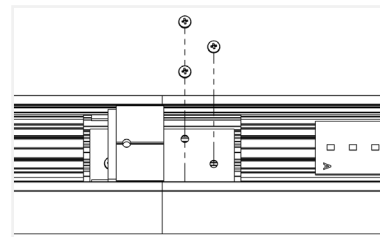
Adjustable aircraft cable measurement from edge.

Joiner Information



Align the Fixtures

Connect the wires/pin connector and use steel aligners to fuse sections.
Splicing connectors are included for the section connection



Secure the Fixtures

Secure the two fixtures together by tightening the screws of the joining plate.

Suspension Cable Options

Fixture Single Unit

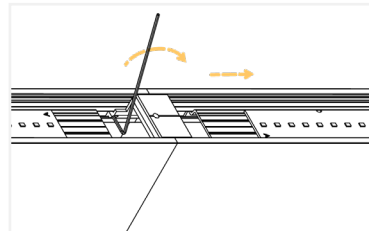


Suspensions Cables

Only two suspension cable are needed for this options.

Weight

Eros weight /feet : 1.5lbs



Secure the Alignment

Tighten the set screws with an Allen key to secure the fixture's alignment.



Single Unit Installation Guide

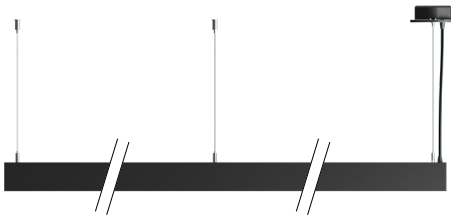
Consult our installation guide for more information.



Multiple Sections Installation Guide

Consult our installation guide for more information.

Fixture Multiple Sections



Suspension Cables

For each section, an additional suspension cable will be added at its junction.

Custom Length

Contact our factory for more information on custom length and its specifications.

Emergency

Description

| Ordering Code | Battery | | | | Illumination Time | Fixture | | |
|---------------|-------------------------------------|------------------|---------------|--------------|-------------------|---|------------------------|----------------|
| | Model | Weight | Input Current | Output Power | | Lumen Output | Voltage Range | Minimum Length |
| B6W | BSL06T3 | 0.95lbs (0.43Kg) | 60mA | 6W | 90min | Up to 900lm (Based on a efficiency of 150lm/W) | 120-277 VAC, 50/60 HzW | 4ft |
| B10W | BSL10T3 | 1.05lbs (0.48Kg) | | 10W | | Up to 1500lm (Based on a efficiency of 150lm/W) | | |
| Notes | All data is based on a 4ft fixture. | | | | | | | |

Documentation

B6 - BSL06T3

B10 - BSL10T3



Specification Sheet



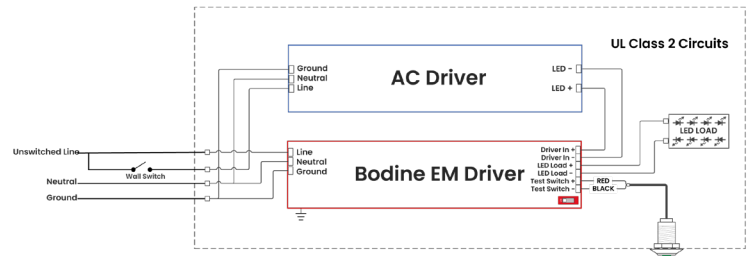
Specification Sheet



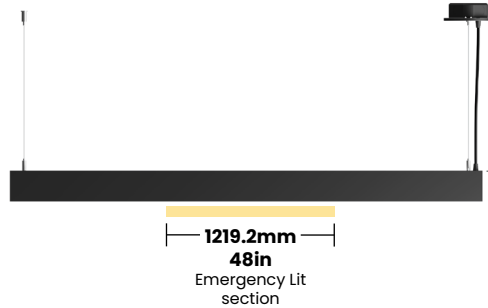
Instruction Sheet

Circuit Management

* The diagram presented is directly referenced in the Bodine emergency battery documentation.*



Emergency Section Management

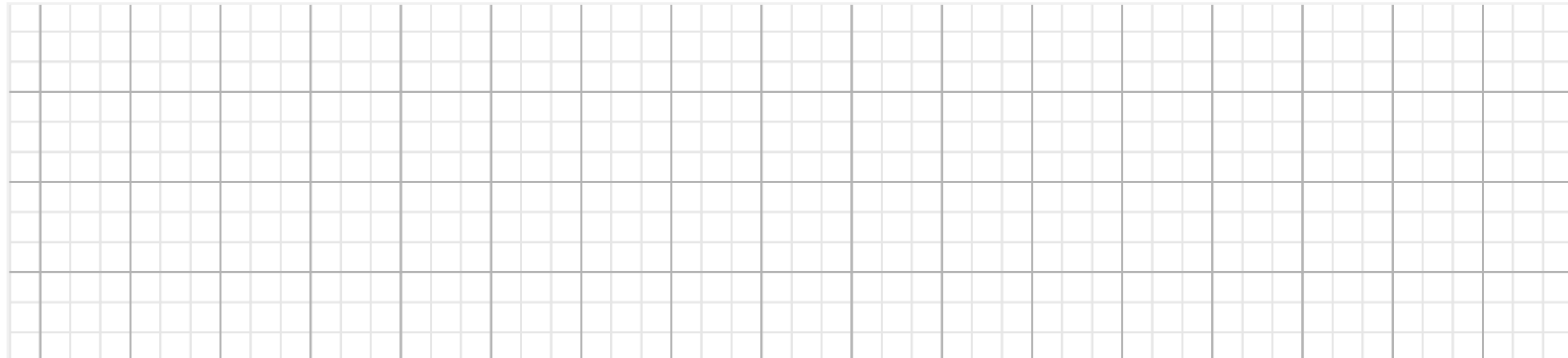


Provide sketch/drawing for emergency section positioning.

Minimum section must be at least 48in.

Workshop Drawing

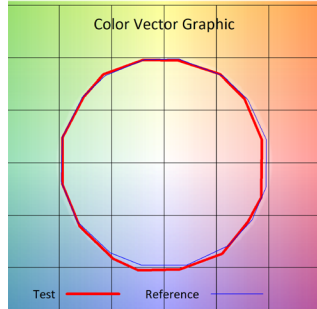
Use grid to draw combination



Light Colour Data

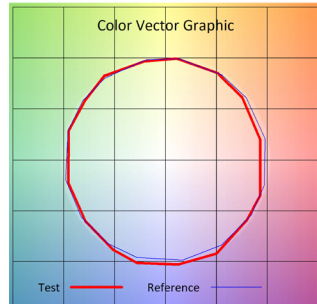
2700K

| Full Output | CIE | | TM-30 | |
|-------------|----------------|-------|-------|----------------|
| | R _a | 94.4 | 91.5 | R _f |
| | R _g | 100.0 | 100.0 | R _g |



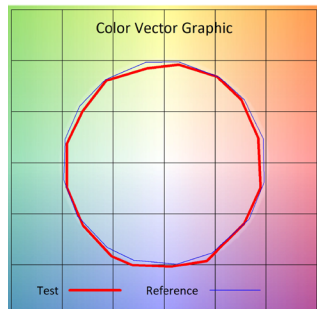
3000K

| Full Output | CIE | | TM-30 | |
|-------------|----------------|------|-------|----------------|
| | R _a | 93.5 | 90.8 | R _f |
| | R _g | 99.8 | 99.8 | R _g |



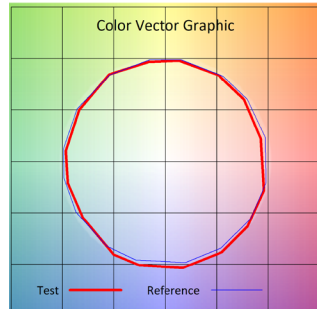
3500K

| Full Output | CIE | | TM-30 | |
|-------------|----------------|------|-------|----------------|
| | R _a | 93.9 | 89.0 | R _f |
| | R _g | 97.4 | 97.4 | R _g |



4000K

| Full Output | CIE | | TM-30 | |
|-------------|----------------|------|-------|----------------|
| | R _a | 93.1 | 89.9 | R _f |
| | R _g | 99.0 | 99.0 | R _g |



Eros IES



Light Loss Factor

| | |
|--------------|-----|
| 4000K | 0% |
| 3500K | 8% |
| 3000K | 17% |
| 2700K | 21% |
| 2400K | 24% |
| 1800K | 26% |