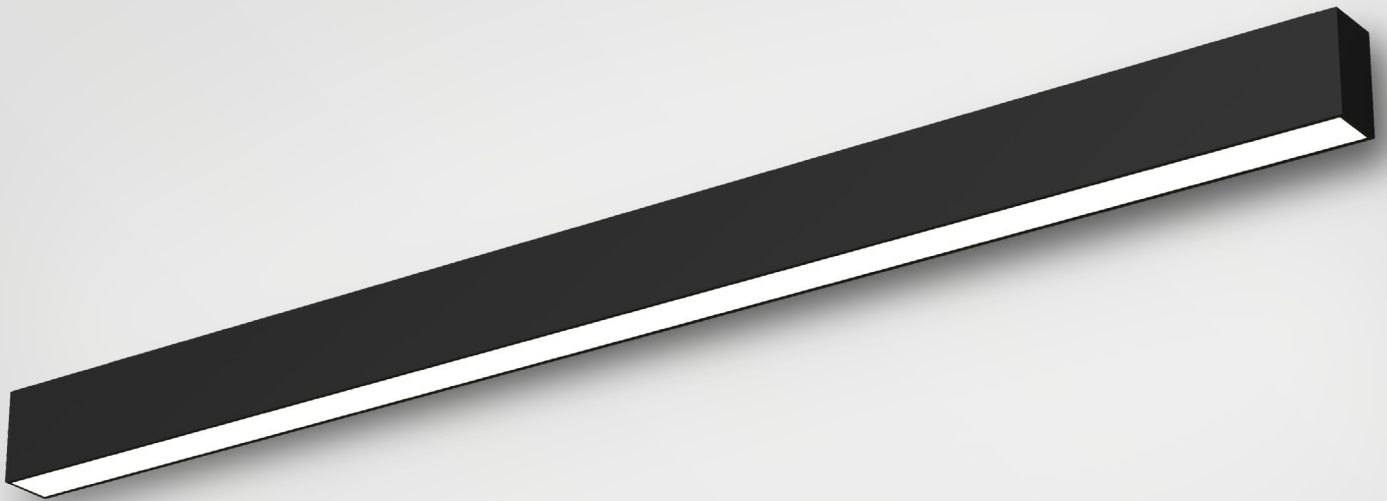


# LUMEN WARM



**EROS WALL MOUNTED  
LWERS-WMD**



BROCHURE



INSTALLATION SHEET

# Eros Wall Mounted

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			
Lm	Lens Type	W/ft	Lm/W
300	Lambertian	2.4	125
750		6.1	122
1000		8.8	114
750	Multicell 12° Module	5.1	147
750	Multicell 24° Module	5.1	147
750	Multicell 38° Module	5.1	147
750	Multicell 50° Module	5.1	147
750	Multicell 35°X70° Module	5.1	147

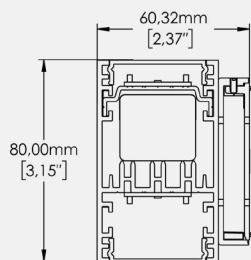
Indirect			
Lm	Lens Type	W/ft	Lm/W
1000	Lambertian	4.8	408
750	60°	3.3	233
750	90°	3.3	233
750	Asymmetric	3.3	233
750	Batwing	3.3	233

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

## Highlights

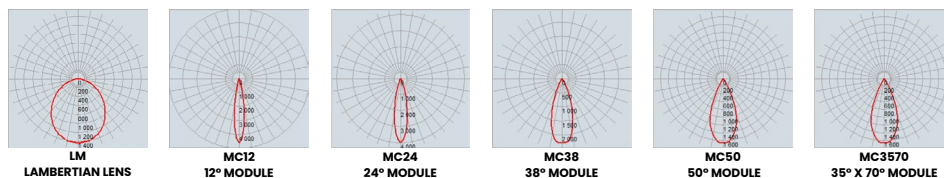
<b>Lumen Output</b>	Up to 1100lm/ft Deliver lumen with lambertian lens.
<b>Efficiency</b>	Up to 145lm/W
<b>Colour Temperature</b>	2700K, 3000K, 3500K, 4000K
<b>CRI</b>	90
<b>Input Voltage</b>	Integral driver, 100-277VAC
<b>Dimming Options</b>	0-10V (Down to 1%), Lutron Ecosystem, Dim to Off
<b>Lead In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

## Dimensions

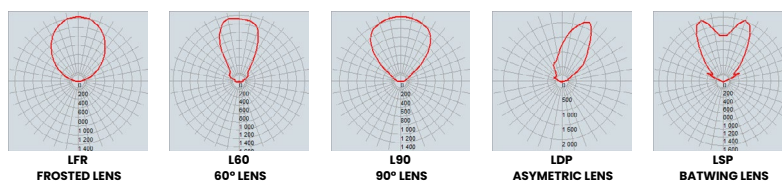


## Distribution

### Direct



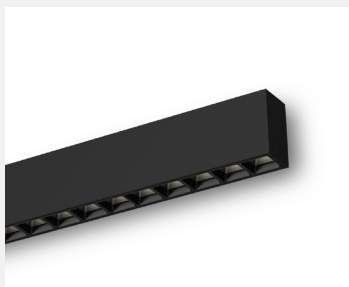
### Indirect



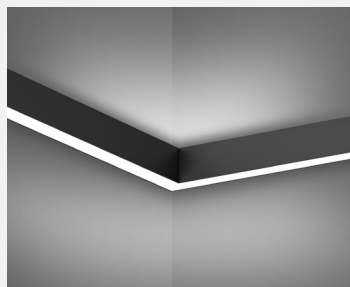
## Configuration Example



FULL LAMBERTIAN MODULE



FULL MULTICELL MODULE



PATTERNS  
MULTIPLE OPTIONS

LUMEN  
WARM

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  
22/05/2024

Ordering Section	Technical Information	Controls	Mounting Options	Emergency	Photometrics Data
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# Eros Wall Mounted

## Ordering Guide

Ex : LWERS-WMD-48-NA-MBK-MC12-DCH

Product Code	Length	Pattern Type	Pattern Dimensions	Exterior Finish	Direct Linear Modules (3)	Multicell Finish
<b>LWERS-WMD</b>						
	<b>24</b> 24in <b>36</b> 36in <b>48</b> 48in <b>CUCR</b> Custom Continuous Run <b>CUSU</b> Custom Single Unit <b>CUPA</b> Custom Pattern	<b>PAL</b> L-Shaped Pattern <b>PAS</b> Square Shaped Pattern <b>CUPA</b> Custom Pattern (1) <b>NA</b> None	A X B	<b>MBK</b> Matte Black <b>MWH</b> Matte White <b>CU</b> Custom (2)	<b>LM</b> High Efficiency Lambertian Lens <b>MC12</b> 12° <b>MC24</b> 24° <b>MC38</b> 38° <b>MC50</b> 50° <b>MC3570</b> 35° x 70° <b>NA</b> None	<b>DCH</b> Dark Chrome <b>MBK</b> Matte Black <b>MWH</b> Matte White <b>CU</b> Custom <b>NA</b> None
	*Refer to the "Mounting Options" 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) Full length direct light module (1 choice of direct module only)	*The Multicell Module (MC) option is required to select this option*

Ex : -NA-27K-ULFR-P300-27K

Direct Linear Modules Lumen Package	Direct Colour Temperature	Indirect Linear Modules	Indirect Lumen Package	Indirect Colour Temperature
<b>P300</b> 300lm/ft <b>P400</b> 400lm/ft <b>P600</b> 600lm/ft <b>P700</b> 700lm/ft <b>P900</b> 900lm/ft <b>P1100</b> 1100lm/ft <b>CU</b> Custom Output (4)	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K <b>TU</b> Tunable White <b>CU</b> Custom (5)	<b>ULFR</b> High Efficiency Lambertian Lens <b>UL60</b> 60° Focus Lens <b>UL90</b> 90° Focus Lens <b>ULD</b> Asymmetric Lens <b>ULSP</b> Batwing Lens <b>NA</b> No Indirect Module (6)	<b>P300</b> 300lm/ft <b>P400</b> 400lm/ft <b>P600</b> 600lm/ft <b>P700</b> 700lm/ft <b>P900</b> 900lm/ft <b>P1100</b> 1100lm/ft <b>CU</b> Custom Output (7) <b>NA</b> None	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K <b>TU</b> Tunable White <b>CU</b> Custom (8) <b>NA</b> None
(4) Consult factory for more information.	(5) Consult factory for more information.	(6) A colour matching cover will be used to protect the inside components if no indirect module is required	(7) Consult factory for more information.	(8) Consult factory for more information.

Ex : UNI-X10V-1C-NA-AWNR

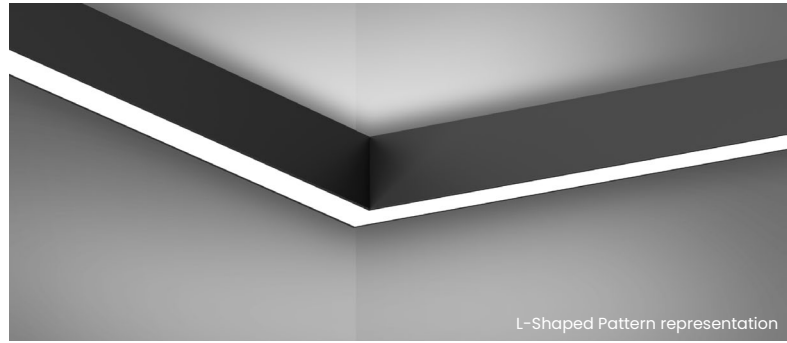
Voltage	Driver	Circuits (12)	Emergency (13)	Controls (14)
<b>UNI</b> Universal 100-277V <b>347</b> 347V(9)	<b>X10V</b> 0-10V Driver 1% <b>Z10V</b> 0-10V Driver Dim to Off <b>DA2</b> Dali 2.0 (10) <b>LTI</b> Lutron Hi-Lume 1% <b>OTH</b> Other (11)	<b>1C</b> One Circuit <b>2C</b> Two Circuits <b>CU</b> Custom	<b>B6W</b> Integral Battery Pack 6W <b>B10W</b> Integral Battery Pack 10W <b>NA</b> None	<b>AWNR</b> Athena Wireless Node RF Only <b>AWNS</b> Athena Wireless Node RF + Occupancy Sensor <b>NA</b> None
(9) Requires 0-10V driver.	(10) Dali driver commissioning is required. (11) Consult factory for more information.	(12) Refer to the "Controls" section for more details.	(13) 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.* (14) Athena not compatible with 347V.

## Notes

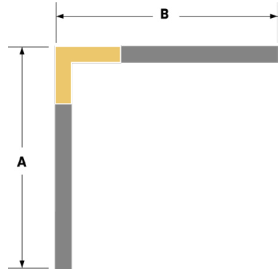
# Patterns

## Base Information

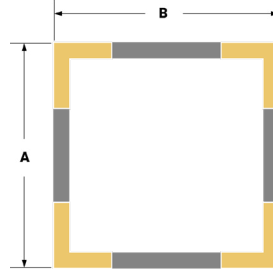
<b>Description</b>	The Eros family offers multiples shapes options for different pattern configurations. Every connector is welded in factory and is fully illuminated, ensuring consistent lighting for seamless installation.
<b>Dimensions</b>	L-Shaped Connector : 7.5in x 7.5in / 190.5mm X 190.5mm Distance from wall (Wall bracket thickness): 0.5in / 12.7mm



L-Shaped Pattern representation



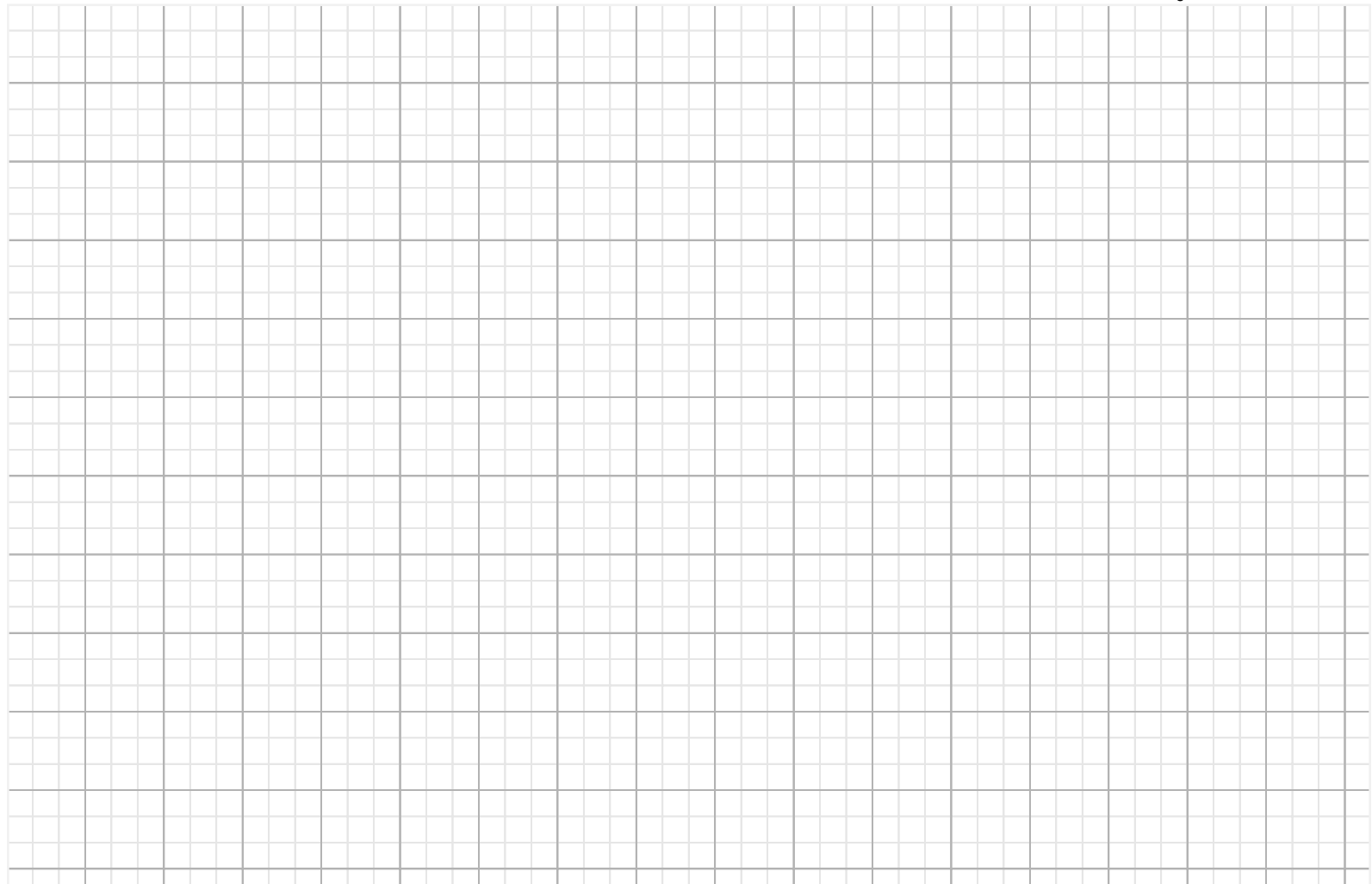
L-Shaped Pattern	
A	B
36in Minimum length	
<b>PAL = A X B</b>	



Square Shaped Pattern	
A	B
42in Minimum length	
<b>PAS = A X B</b>	

## Workshop Drawing

Use grid to draw Custom Pattern

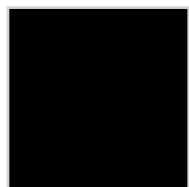


# Technical Information

## Construction

<b>Aluminum Profile</b>	100% Recycled Aluminum grade 6063-T5
<b>Endcap</b>	Aluminum grade 6063-T5, Extruded and machined part
<b>Brackets</b>	
<b>Wall Bracket</b>	Aluminium grade 6063-T5, Die casting
<b>High Efficiency Lambertian Lens</b>	Frosted Acrylic, Extruded part
<b>Joiner</b>	1060 Steel, 14 gauge

## Aluminum Profile Colour



MBK - Matte Black

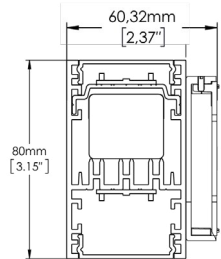


MWH - Matte White

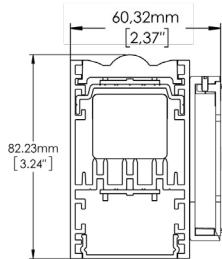


CU - Specify RALK7 colour

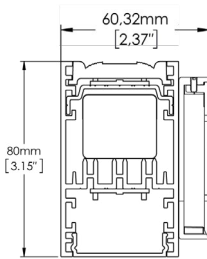
## Dimensions



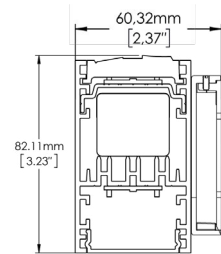
Indirect & Direct Lambertian Lens



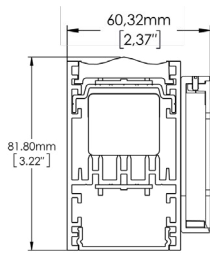
Indirect 60° Lens Direct Lambertian Lens



Indirect 90° Direct Lambertian Lens



Indirect Asymmetric Lens Direct Lambertian Lens



Indirect Batwing Lens Direct Lambertian Lens

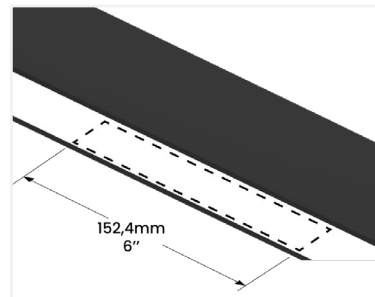
## Length Management



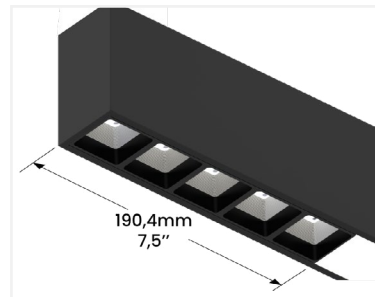
<b>A</b>	Maximum length is 4ft long per bracket.
	Minimum length is 2ft, smaller length will be treated individually as custom length.

## Module Management

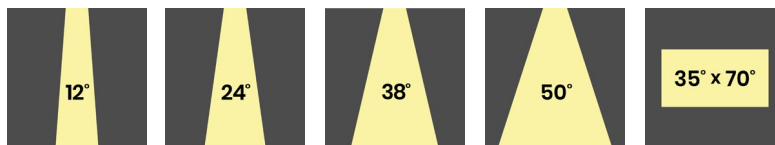
LM -High Efficiency Lambertian Lens Module	
<b>Dimensions</b>	Maximum length for lens : 3657.6mm/144in Minimum length for lens: 152.4mm/6in
<b>Management</b>	Lambertian module must be calculated with $\approx$ 152.4mm/6in increment to reduce dark spot risk.




MCXX-Multicell Modules	
<b>Dimensions</b>	Direct Multicell module is $\approx$ 190.5mm/7.5in
<b>Management</b>	Measure 190.5mm/7.5in increment when you plan your section in the fixture to avoid visible spacing.



## Multicell Optics

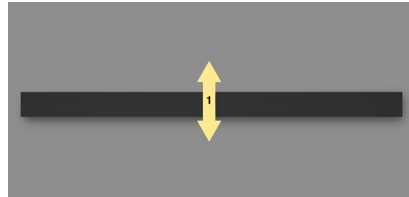


**Driver**

<b>0-10V Driver 1%</b>	Driver for maximum dimming capabilities. Provide a smooth dimming from 10% up to 0.1%, works on 347V only.
<b>0-10V Driver Dim to Off</b>	Driver that facilitates the control of dimming of maximum light power to off state, operates only on 347V.
<b>Dali</b>	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.
<b>Lutron Hi-Lume 1%</b>	<p>The Hi-Lume LED driver is the world's first LED driver to offer smooth, continuous 1% dimming for virtually any LED fixture.</p>  <p><b>Lutron Hi-Lume 1%</b> Spec Sheet</p>
<b>Other Driver</b>	Other driver options are available. Consult factory for more information.

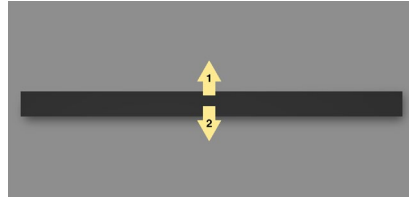
**Circuits**

**1 Circuit**



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

**2 Circuits**

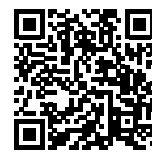


Direct and indirect lighting are on two separate circuits and will be controlled independently.

**Athena Wireless Node**

<b>Models</b>	<b>AWNDR - Radio Frequency</b> <b>AWNS - Radio Frequency + Occupancy Sensor</b>
<b>Description</b>	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.
<b>Driver Compatibility</b>	<p>Static White Control:</p> <ul style="list-style-type: none"> <li>• Lutron digital drivers (coming soon)</li> <li>• DALI-2 certified drivers</li> <li>• ANSI C137.1 compliant 0-10V drivers</li> </ul> <p>Tunable White Control :</p> <ul style="list-style-type: none"> <li>• Lutron digital drivers (coming soon)</li> <li>• DALI-2 certified drivers</li> </ul>
<b>Power / Load</b>	<ul style="list-style-type: none"> <li>• IEC SELV / NEC® Class 2</li> <li>• Operating voltage: 9.5 - 28.8V</li> <li>• Operating current: 46mA max</li> </ul>

Spec Sheet

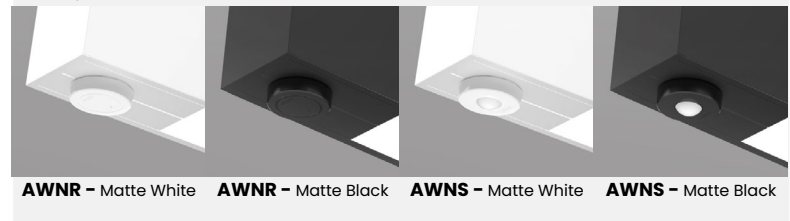


Installation Documents



**Finish**

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



## Wall Mounted Length Options

### Standard length



<b>Length Management</b>	Maximum length of 4ft per wall bracket
<b>Weight</b>	Eros weight /feet : 1.5lbs

### Custom Single Unit fixture (CUSU)



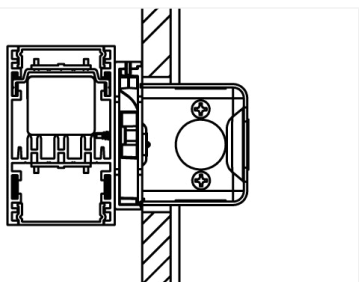
<b>Length Management</b>	12ft maximum, one wall bracket every 4ft of distance.
<b>Custom Length</b>	Contact our factory for more information on custom length and its specifications.

### Custom Continuous Run (CUCR)

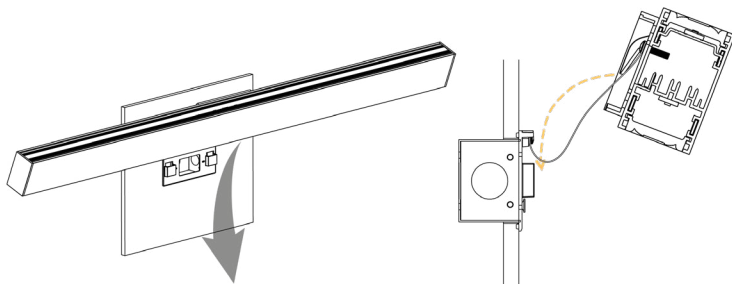


<b>Length Management</b>	Maximum length per section must not exceed 12ft, each section will be connected by joiners for continuous lens appearance. Wall bracket positioning will depend on the desired overall length.
<b>Custom Length</b>	Contact our factory for more information on custom length and its specifications.

## Wall Bracket



**Section View**  
Consult our installation guide for more information.



**Mounting**  
Consult our installation guide for more information.

## Installation Information



**Installation Guide**  
Consult our installation guide for more information.

# 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



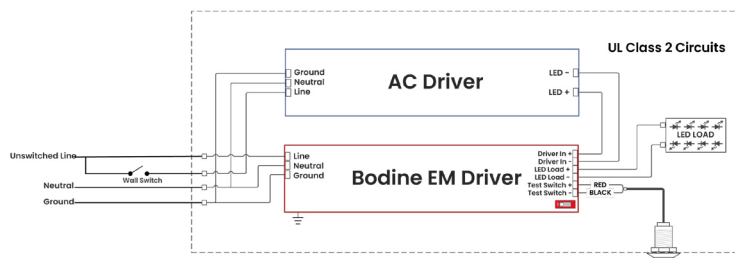
Specification Sheet



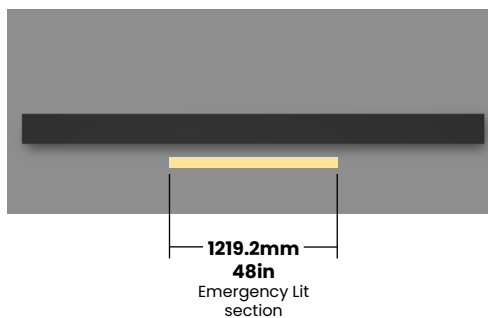
Instruction Sheet

## 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

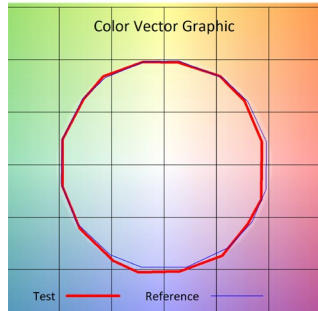




**Light Colour Data**

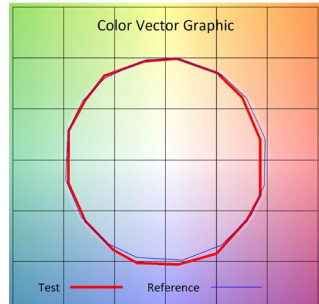
2700K

Full Output	CIE		TM-30	
	R <sub>a</sub>	94.4	91.5	R <sub>f</sub>
	R <sub>g</sub>	100.0	100.0	R <sub>g</sub>



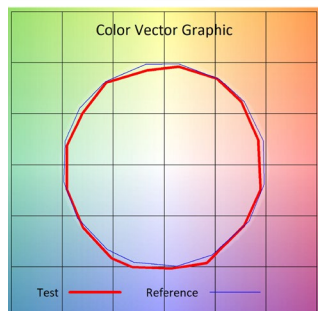
3000K

Full Output	CIE		TM-30	
	R <sub>a</sub>	93.5	90.8	R <sub>f</sub>
	R <sub>g</sub>	99.8	99.8	R <sub>g</sub>



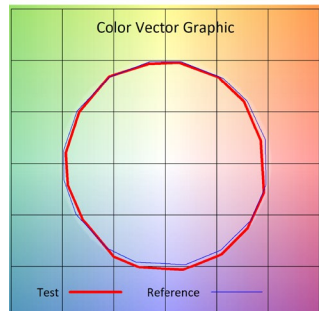
3500K

Full Output	CIE		TM-30	
	R <sub>a</sub>	93.9	89.0	R <sub>f</sub>
	R <sub>g</sub>	97.4	97.4	R <sub>g</sub>



4000K

Full Output	CIE		TM-30	
	R <sub>a</sub>	93.1	89.9	R <sub>f</sub>
	R <sub>g</sub>	99.0	99.0	R <sub>g</sub>



**Eros IES**



**Light Loss Factor**

<b>4000K</b>	0%
<b>3500K</b>	8%
<b>3000K</b>	17%
<b>2700K</b>	21%
<b>2400K</b>	24%
<b>1800K</b>	26%