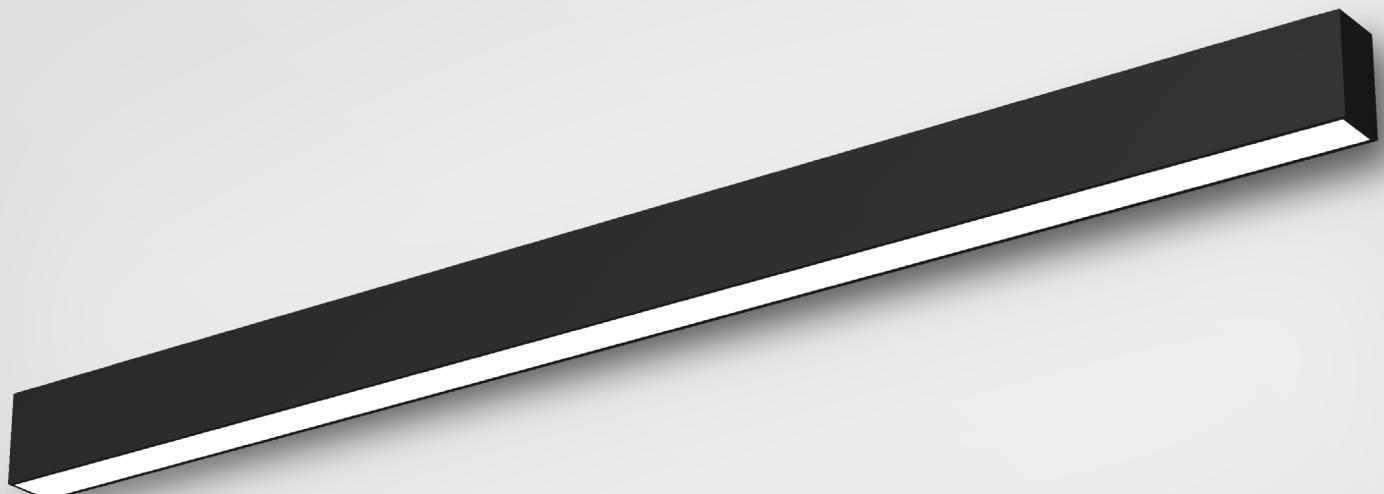


LUMEN WARM



**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



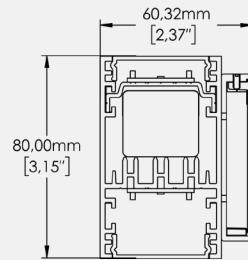
Can be used to comply with
2019 Title 24
Part 6
JAB
High efficacy LED light
source requirements



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



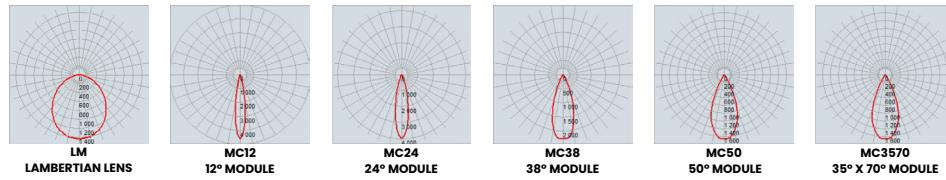
Performance

Direct				Indirect			
Lm	Lens Type	w/ft	Lm/W	Lm	Lens Type	w/ft	Lm/W
300		2.4	125	1000	Lambertian	4.8	408
750	Lambertian	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				

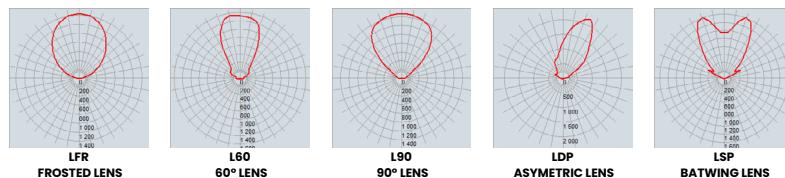
Please note this information is based on a 1ft / 4000K fixture.

Distribution

Direct



Indirect



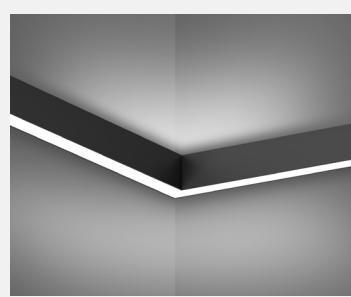
Configuration Example



FULL LAMBERTIAN MODULE



FULL MULTICELL MODULE



PATTERNS
MULTIPLE OPTIONS

Ordering Section

Technical Information

Controls

Mounting Options

Emergency

Photometrics Data

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
--------------	--------	--------------	--------------------	-----------------	---------------------------	------------------

LWERS-WMD

	24 24in 36 36in 48 48in CUCR Custom Continuous Run CUSU Custom Single Unit CUPA Custom Pattern	PAL L-Shaped Pattern PAS Square Shaped Pattern CUPA Custom Pattern (1) NA None	A X B	MBK Matte Black MWH Matte White CU Custom (2)	LM High Efficiency Lambertian Lens MC12 12° MC24 24° MC38 38° MC50 50° MC3570 35° x 70° NA None	DCH Dark Chrome MBK Matte Black MWH Matte White CU Custom NA 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
-------------------------------------	---------------------------	-------------------------	------------------------	-----------------------------

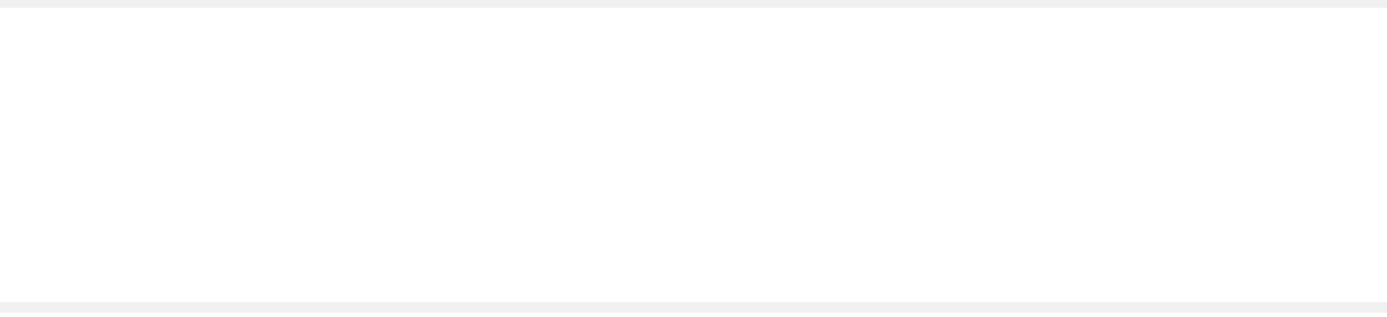
P300 300lm/ft P400 400lm/ft P600 600lm/ft P700 700lm/ft P900 900lm/ft P1100 1100lm/ft CU Custom Output (4)	27K 2700K 30K 3000K 35K 3500K 40K 4000K ADJ Tunable White CU Custom (5)	ULF High Efficiency Lambertian Lens UL60 60° Focus Lens UL90 90° Focus Lens ULDP Asymmetric Lens ULSP Batwing Lens NA No Indirect Module (6)	P300 300lm/ft P400 400lm/ft P600 600lm/ft P700 700lm/ft P900 900lm/ft P1100 1100lm/ft CU Custom Output (7) NA None	27K 2700K 30K 3000K 35K 3500K 40K 4000K CU Custom (8) NA 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)
---------	--------	---------------	----------------	---------------

UNI Universal 100-277V 347 347V(9)	X10V 0-10V Driver 1% Z10V 0-10V Driver Dim to Off DA2 Dali 2.0 (10) LTI Lutron Hi-Lume 1% OTH Other (11)	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
(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



Ordering Section

Technical Information

Controls

Mounting Options

Emergency

Photometrics Data

Patterns

Base Information

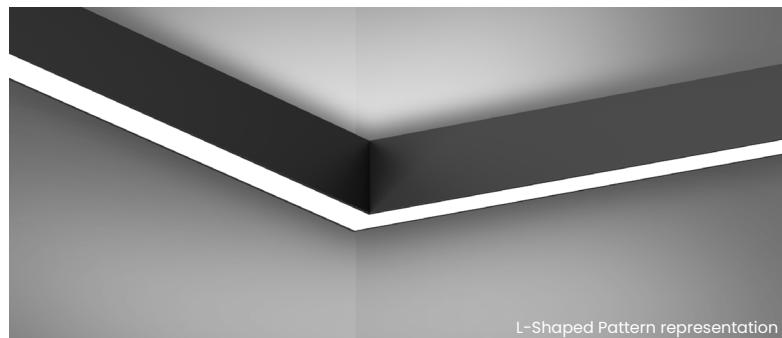
Description

The Eros family offers multiple shape options for different pattern configurations. Every connector is welded in factory and is fully illuminated, ensuring consistent lighting for seamless installation.

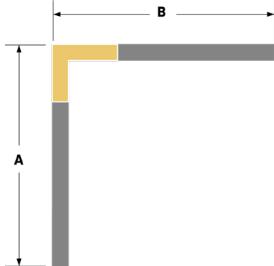
Dimensions

L-Shaped Connector : 7.5in x 7.5in / 190.5mm X 190.5mm

Distance from wall (Wall bracket thickness): 0.5in / 12.7mm



L-Shaped Pattern representation

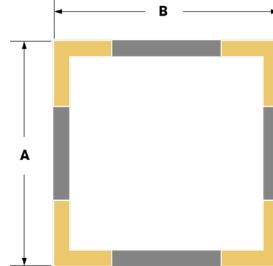


L-Shaped Pattern

A **B**

36in Minimum length

PAL = A X B



Square Shaped Pattern

A **B**

42in Minimum length

PAS = A X B

Workshop Drawing

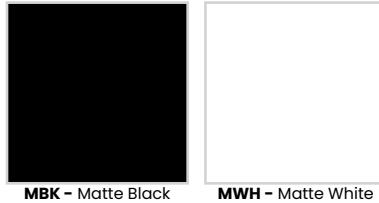
Use grid to draw Custom Pattern

Technical Information

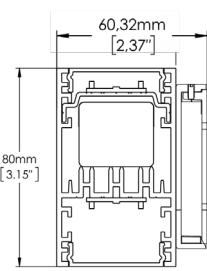
Construction

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

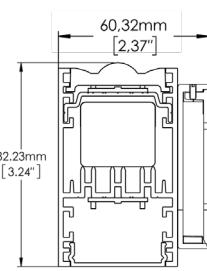
Aluminum Profile Colour



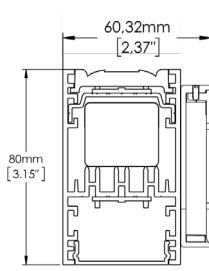
Dimensions



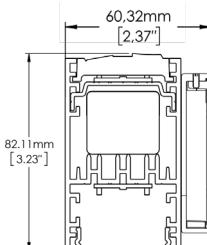
Indirect & Direct
Lambertian Lens



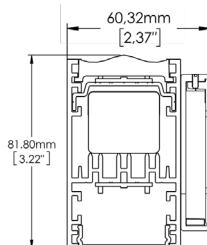
Indirect 60° Lens
Direct Lambertian Lens



Indirect 90°
Direct Lambertian Lens



Indirect Asymmetric Lens
Direct Lambertian Lens



Indirect Batwing Lens
Direct Lambertian Lens

Length Management



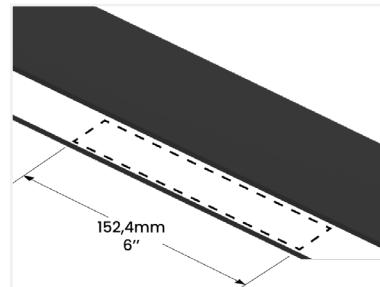
Maximum length is 4ft long per bracket.

Minimum length is 2ft, smaller length will be treated individually as custom length.

Module Management

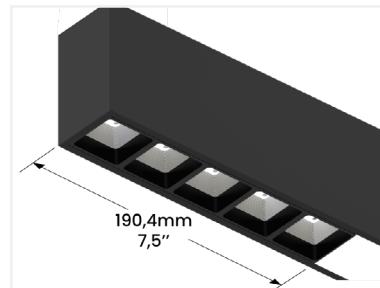
LM - High Efficiency Lambertian Lens Module

Dimensions	Maximum length for lens : 3657.6mm/144in Minimum length for lens: 152.4mm/6in
Management	Lambertian module must be calculated with \approx 152.4mm/6in increment to reduce dark spot risk.

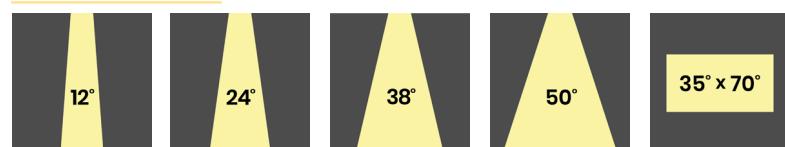


MCXX-Multicell Modules

Dimensions	Direct Multicell module is \approx 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

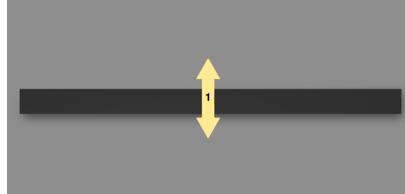


Driver

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.

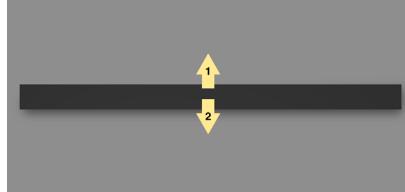
Circuits

1 Circuit



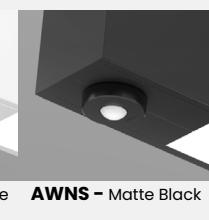
All lighting is on the same circuit and will be controlled simultaneously.

2 Circuits



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

Athena Wireless Node

Models	AWN-R - Radio Frequency	AWN-S - 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: • Lutron digital drivers (coming soon) • DALI-2 certified drivers • ANSI C137.1 compliant 0-10V drivers	Tunable White Control: • Lutron digital drivers (coming soon) • DALI-2 certified drivers
Power / Load	• 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.
		
	AWN-R - Matte White	AWN-R - Matte Black
		
	AWN-S - Matte White	AWN-S - Matte Black

Wall Mounted Length Options

Standard Length



Length Management Maximum length of 4ft per wall bracket

Weight Eros weight /feet : 1.5lbs

Custom Single Unit Fixture (CUSU)

Installation Information

**Installation Guide**

Consult our installation guide for more information.



Length Management 12ft maximum, one wall bracket every 4ft of distance.

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

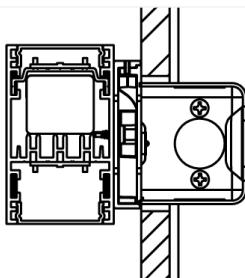
Custom Continuous Run (CUCR)



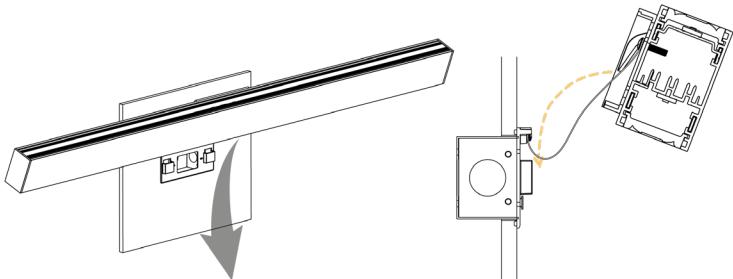
Length Management Maximum length per section must not exceed 12ft, each section will be connected by joiners for continuous lens appearance. Wall bracket positioning will depend on the desired overall length.

Custom Length 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.

Ordering Section

Technical Information

Controls

Mounting Options

Emergency

Photometrics Data

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



Specification Sheet

B10 – BSL10T3



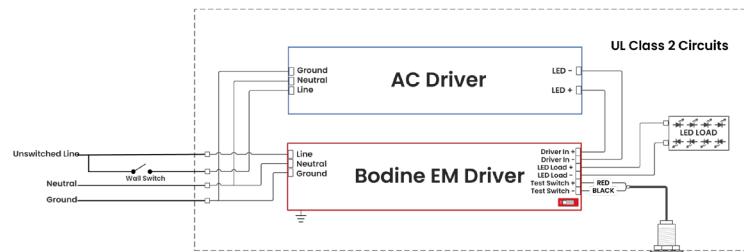
Specification Sheet



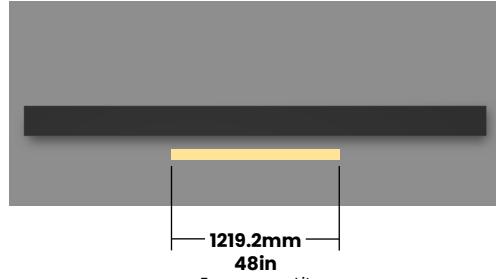
Instruction Sheet

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.

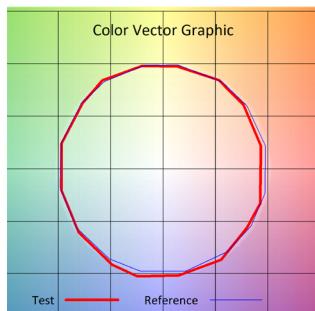
Workshop Drawing

Use grid to draw combination

Light Colour Data

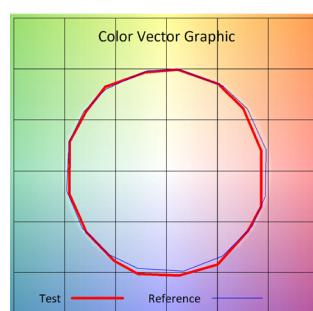
2700K

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



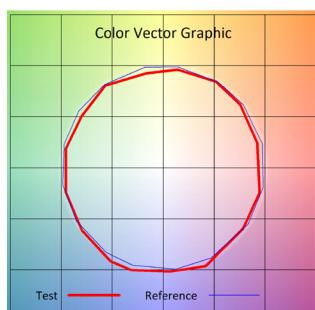
3000K

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



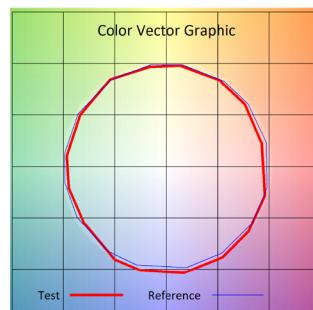
3500K

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%