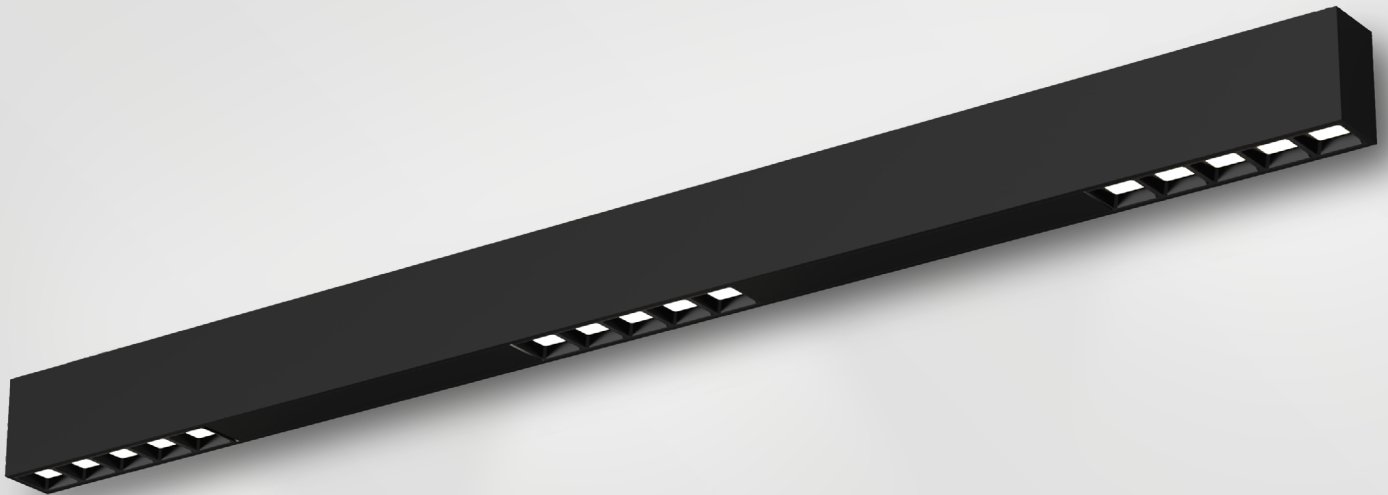


LUMEN WARM



**EROS COMBO WALL MOUNTED
LWERSC-WMD**



BROCHURE



INSTALLATION SHEET

Eros Combo 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
750	Multicell Wall Washer Module	5.1	147

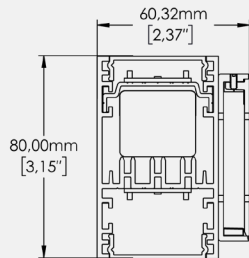
Indirect			
Lm	Lens Type	W/ft	Lm/W
1000	Lambertian	4.8	408
750	60°	3.3	233
750	90°	3.3	233
750	Asymmetric	3.3	233
750	Batwing	3.3	233

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

Highlights

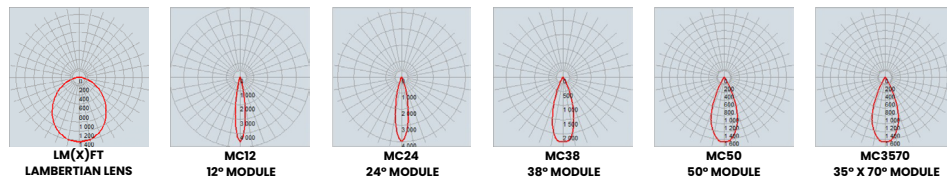
Lumen Output	Up to 1100lm/ft Deliver lumen with lambertian lens.
Efficiency	Up to 145lm/W
Colour Temperature	2700K, 3000K, 3500K, 4000K
CRI	90
Input Voltage	Integral driver, 100-277VAC
Dimming Options	0-10V (Down to 1%), Lutron Ecosystem, Dim to Off
Lead In	Up to 80ft maximum run per power feed (15A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

Dimensions

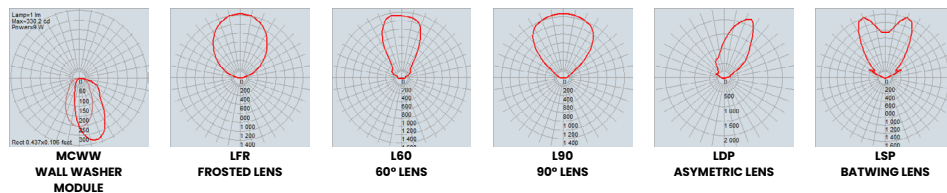


Distribution

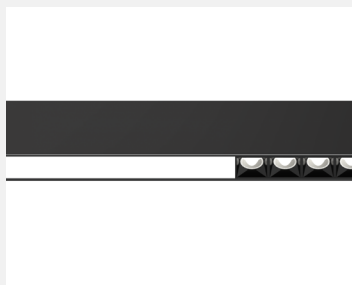
Direct



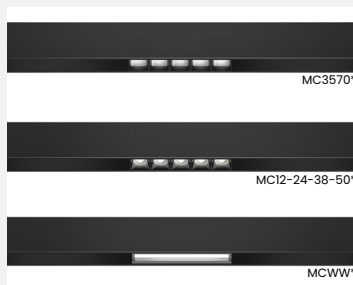
Indirect



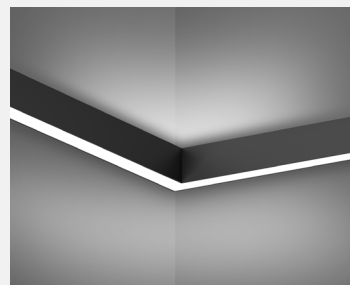
Configuration Example



LM(X)FT
LAMBERTIAN MODULE



MCXX(xx)
MULTICELL MODULE



PATTERNS
MULTIPLE OPTIONS

LUMEN
WARM

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

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

LAST UPDATE
23/10/2024

The information herein may be changed without notice. Please consult our Terms and Conditions. <https://lumenwarm.com/en/terms-and-conditions/>

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

Ordering Guide

Ex : LWERSC-WMD-48-NA-MBK-LM(5)FT-P300

Product Code	Length	Pattern Type	Pattern Dimensions	Exterior Finish	Direct Linear Modules	Direct Linear Modules Lumen Package
LWERSC-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(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)
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) LM(total length required)FT Ex: LM12FT Provide sketch/drawing for modules positioning (P.5).	(4) Consult factory for more information.

Ex : MC12(2)-P500-DCH-27K-ULFR-P300-27K-BKD

Direct Multicell Modules (5)	Direct Multicell Modules Output (5)	Multicell finish	Direct Colour Temperature	Indirect Linear Modules	Indirect Lumen Package	Indirect Colour Temperature
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	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 ULDPA Symmetric 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
(5) MC12(add number of module) Ex: MC12(1) If more than one MC12(4) + MC24(4) Provide sketch/drawing for modules positioning (P.5) Unfilled space will be filled with blank cover, total of modules length cannot exceed total length.		*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 module is required	(8) Consult factory for more information.
				(9) Consult factory for more information.		

Ex : UNI-X10V-IC-NA-AWNR

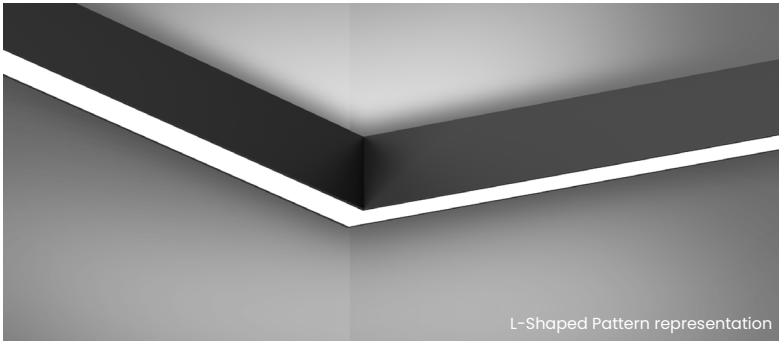
Voltage	Driver	Circuits (13)	Emergency (14)	Controls (15)
UNI Universal 100-277V 347 347V (10)	X10V 0-10V Driver 1% Z10V 0-10V Driver Dim to Off DA2 Dali 2.0 (11) LTI Lutron Hi-Lume 1% OTH Other (12)	1C One Circuit 2C Two Circuits CU Custom	B6W Integral Battery Pack 6W B10W Integral Battery Pack 10W NA None	AWNR Athena Wireless Node RF Only AWNS Athena Wireless Node RF + Occupancy Sensor NA None
(10) Requires 0-10V driver.	(11) Dali driver commissioning is required. (12) Consult factory for more information.	(13) Refer to the "Controls" section for more details.	(14) 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.* (15) Athena not compatible with 347V.

Notes

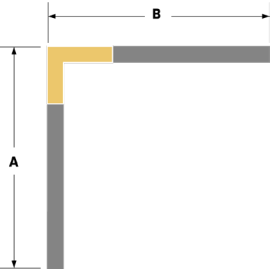
Patterns

Base Information

Description	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.
Dimensions	L-Shaped Connector : 7.5in x 7.5in / 190.5mm X 190.5mm Distance from wall (Wall bracket thickness): 0.5in / 12.7mm



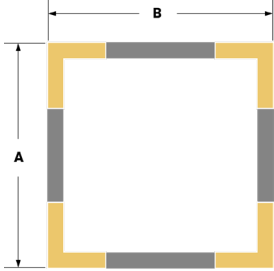
L-Shaped Pattern representation



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



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 (see P.5)	Bracket dimension: 2.5in / 65mm	CUBG			

Title:

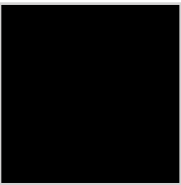
Use grid to draw combination

Technical Information

Construction

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

Aluminum Profile Colour



MBK - Matte Black

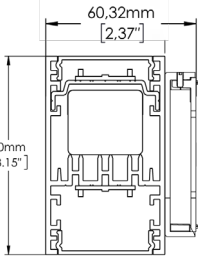


MWH - Matte White

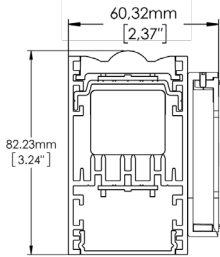


CU - Specify RALK7 colour

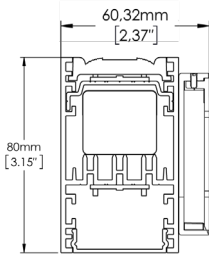
Dimensions



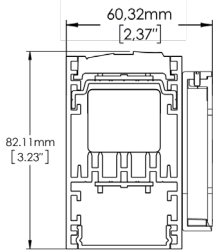
Indirect & Direct Lambertian Lens



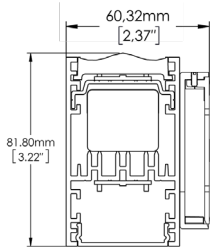
Indirect 60° Lens Direct Lambertian Lens



Indirect 90° Direct Lambertian Lens



Indirect Asymmetric Lens Direct Lambertian Lens



Indirect Batwing Lens Direct Lambertian Lens

Length Management

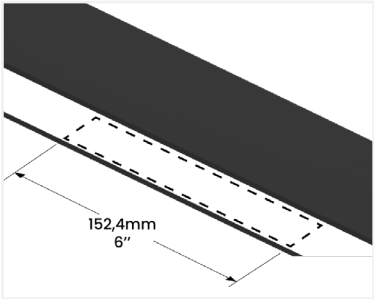


A

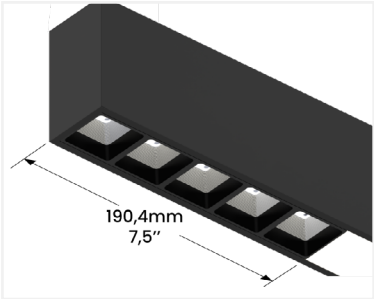
Maximum length is 4ft long per bracket.
Minimum length is 2ft, smaller length will be treated individually as custom length.

Module Management

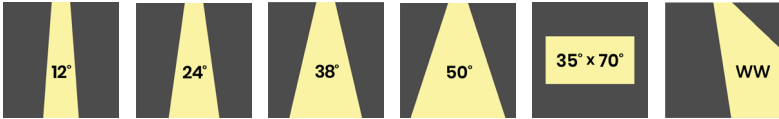
LM -High Efficiency Lambertian Lens Module	
Dimensions	Maximum length for lens : 3657.6mm/144in Minimum length for lens: 152.4mm/6in
Management	Lambertian module must be calculated with $\approx$ 152.4mm/6in increment to reduce dark spot risk.



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

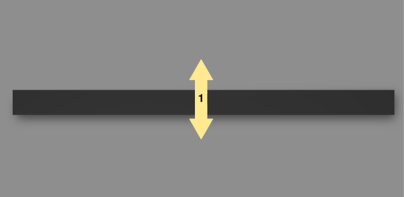


Driver

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.

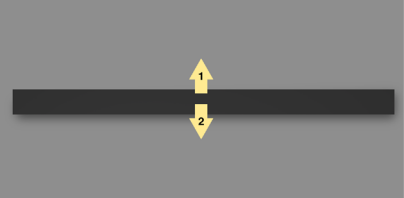
Circuits

1 Circuit



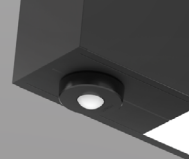
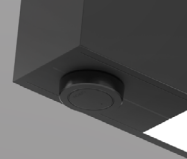
All lighting is on the same circuit and will be controlled simultaneously.

2 Circuits



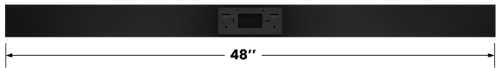
Direct and indirect lighting are on two separate circuits and will be controlled independently.

Athena Wireless Node

Models	AWNR – 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: • 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.  AWNR – Matte White AWRN – Matte Black AWNS – Matte White AWNS – Matte Black	

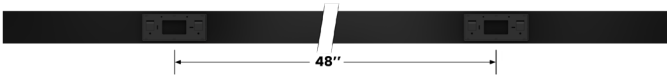
Wall Mounted Length Options

Standard length



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

Custom Single Unit fixture (CUSU)



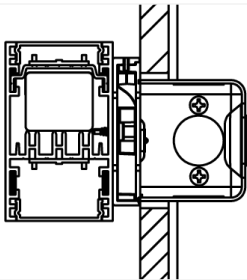
Length Management	12ft maximum, one wall bracket every 4ft of distance.
Custom Length	Contact our factory for more information on custom length and its specifications.

Custom Continuous Run (CUCR)

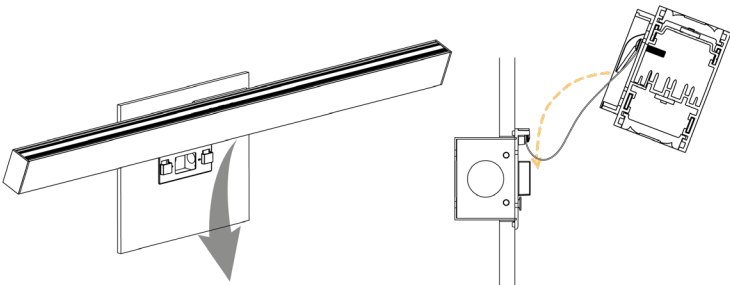


Length Management	Maximum length per section must not exceed 12ft, each section will be connected by joiners for continuous lens appearance. Wall bracket positioning will depend on the desired overall length.
Custom Length	Contact our factory for more information on custom length and its specifications.

Wall Bracket



Section View
Consult our installation guide for more information.



Mounting
Consult our installation guide for more information.

Installation Information



Installation Guide
Consult our installation guide for more information.

Emergency

Description

	Battery					Fixture		
Ordering Code	Model	Weight	Input Current	Output Power	Illumination Time	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



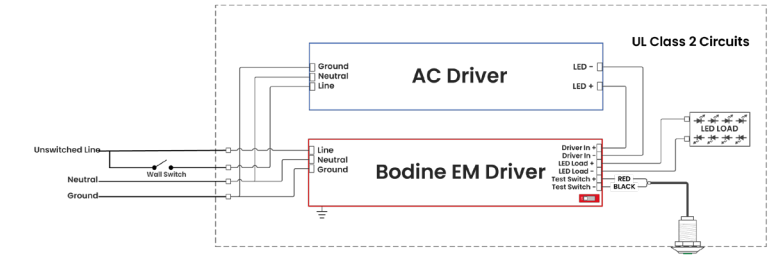
Specification Sheet



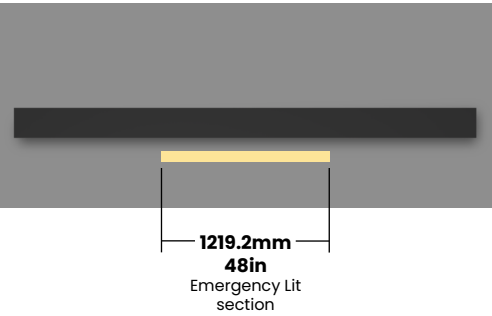
Instruction Sheet

Circuit Management

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



Emergency Section Management

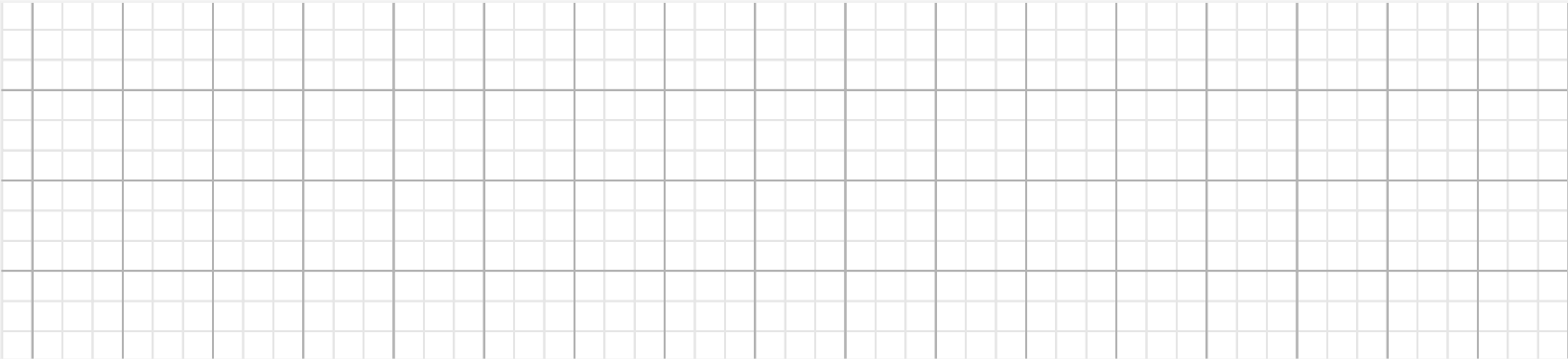


Provide sketch/drawing for emergency section positioning.

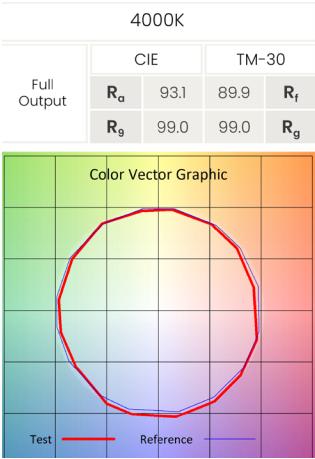
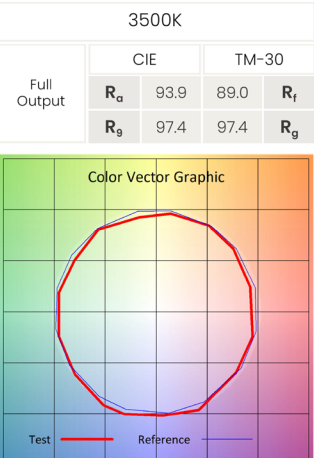
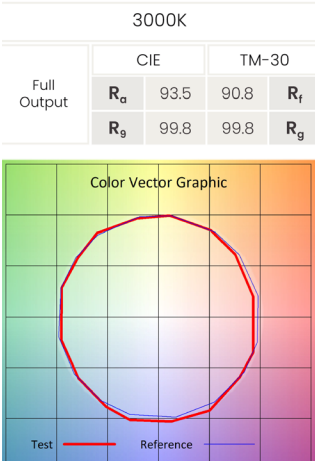
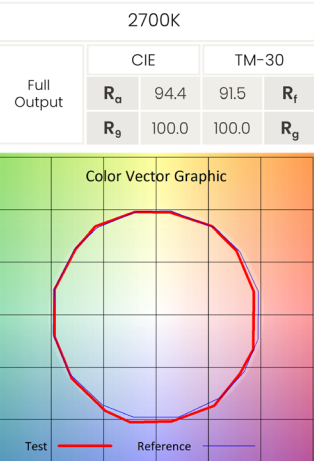
Minimum section must be at least 48in.

Workshop Drawing

Use grid to draw combination



Light Colour Data



Eros IES



Light Loss Factor

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