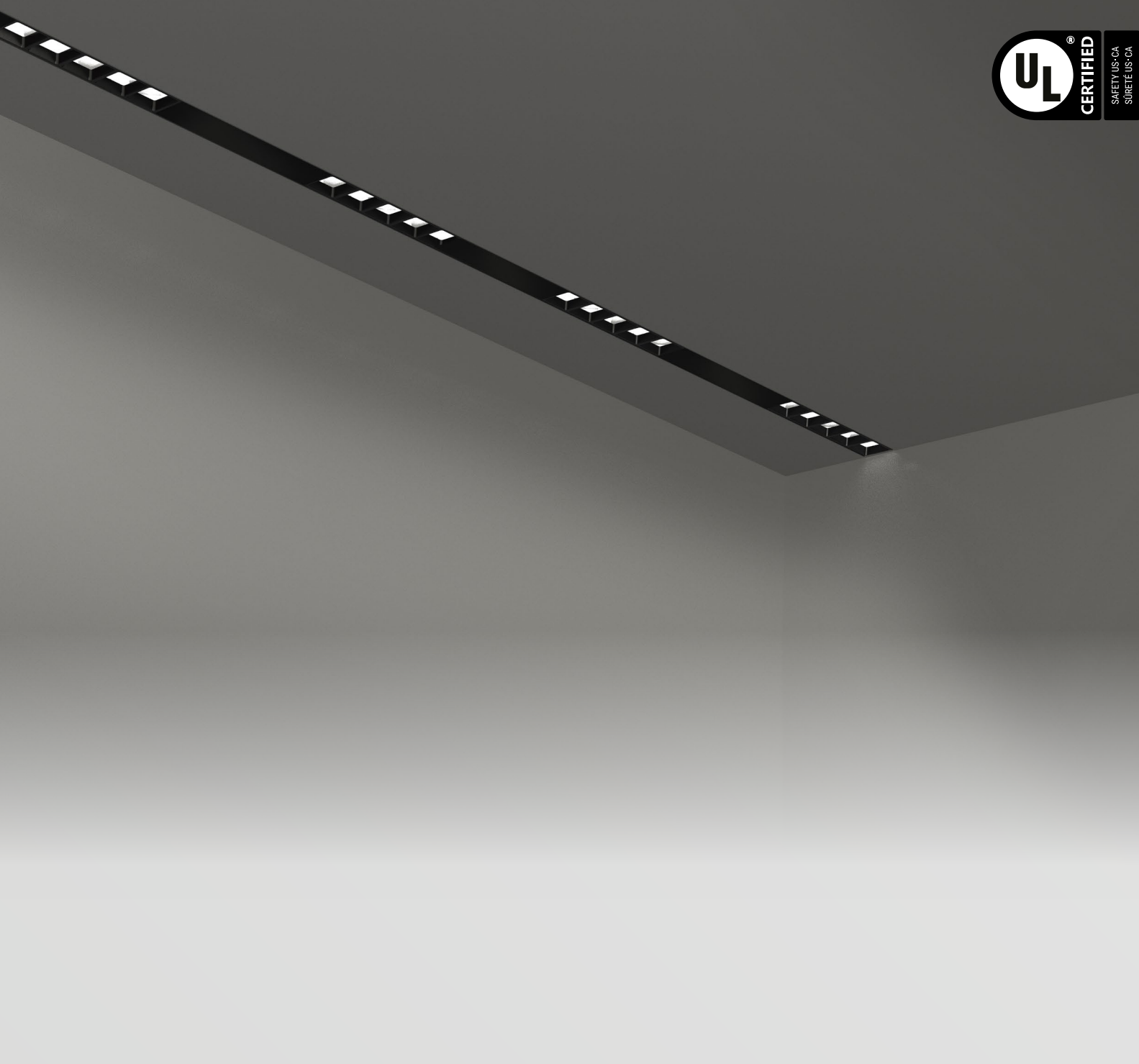


LUMEN WARM



EROS COMBO RECESSED LWERSC-RCD



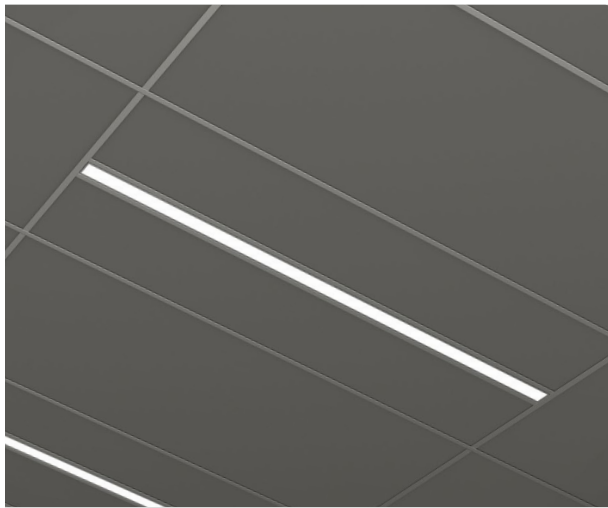
BROCHURE



INSTALLATION
TRIMLESS



INSTALLATION
T-GRID



Eros Combo Recessed

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 90° lit corners, darkness will be a thing of the past



Performance

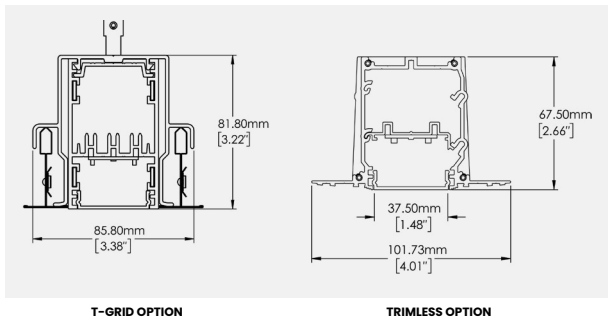
Direct			
Lm	Lens Type	w/ft	Lm/W
300	Lambertian	2.4	125
750		6.1	122
1000		8.8	114
750	Multicell 12° Module	5.1	147
750	Multicell 24° Module	5.1	147
750	Multicell 38° Module	5.1	147
750	Multicell 50° Module	5.1	147
750	Multicell 35°X70° Module	5.1	147
750	Multicell Wall Washer Module	5.1	147

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

Highlights

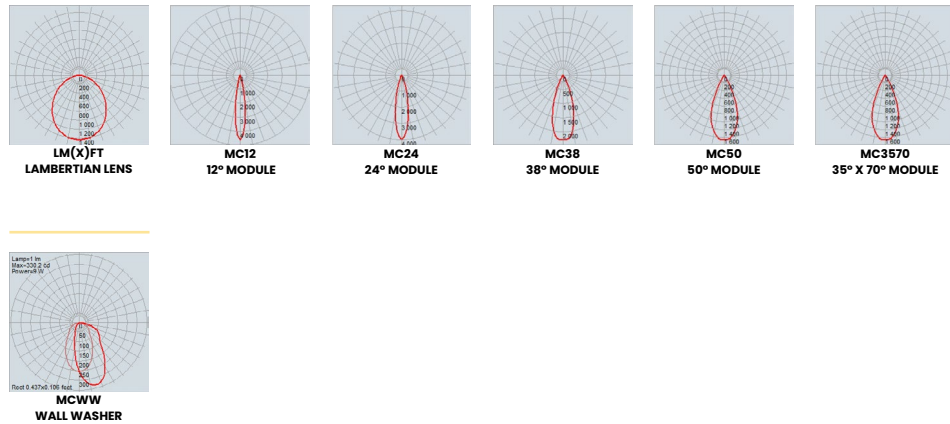
Lumen Output	Up to 1100lm/ft Deliver lumen with lambertian lens.
Efficiency	Up to 145lm/W
Colour Temperature	2700K, 3000K, 3500K, 4000K
CRI	90
Input Voltage	Integral driver, 100-277VAC
Dimming Options	0-10V (Down to 1%), Lutron Ecosystem, Dim to Off
Lead In	Up to 80ft maximum run per power feed (15A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

Dimensions

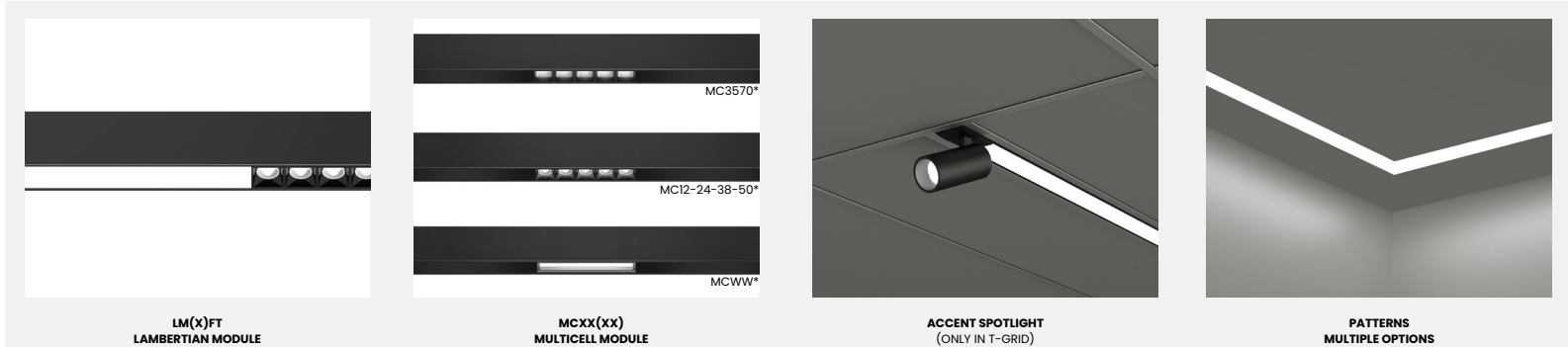


Distribution

Direct



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
22/05/2024

Ordering Sections	Technical Information	Controls	Mounting Options	Emergency	Photometrics Data
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Eros Combo Recessed

Ordering Guide

Ex : LWERSC-RCD-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-RCD						
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 PAX X-Shaped Pattern PAU U-Shaped Pattern PAT T-Shaped Pattern CU Custom Shaped Pattern (1) NA None	A X B A X B A1+A2 X B A X B X C 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)	
Refer to the "Technical Information" section for further details.		(1) A drawing will be required 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.

Ex : MC12(2)-P500-DCH-27K-TRM-NA

Direct Multicell Modules (5)	Direct Multicell Modules Output (5)	Multicell Finish	Direct Colour Temperature	Mounting	Optional Accent Spotlights (7)
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 TU Tunable White CU Custom (6)	916 9/16 T-Bar 1516 15/16 T-Bar TRM Drywall Mud Flange	1BGL Single Unit, Power Feed Side 1BGO Single Unit, Opposite Side 2BGE Two Units at Extremities CUBG Custom Positioning / Custom Quantity 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.6) 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.	*Only available in T-Grid option* (7) See P.5 for more ordering details and sketch/drawing for spotlight placement.

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

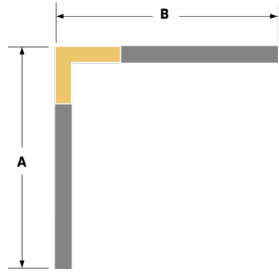
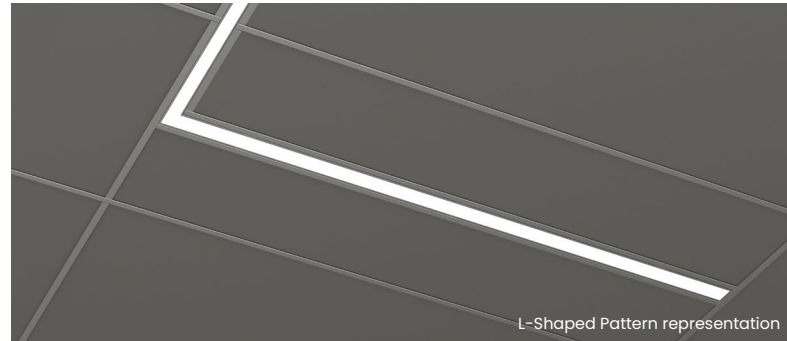
Voltage	Driver	Additional Certification	Circuits (12)	Emergency (13)	Controls (14)
UNI Universal 100-277V 347 347V (8)	X10V 0-10V Driver 1% Z10V 0-10V Driver Dim to Off DA2 Dali 2.0 (9) LTI Lutron Hi-Lume 1% OTH Other (10)	CCEA Chicago Plenum Certified (11) NA None	1C One Circuit 2C Two Circuits CU Custom	BSW 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
(8) Requires 0-10V driver.	(9) Dali driver commissioning is required. (10) Consult factory for more information.	(11) Refer to the "Mounting Options" section for more details.	(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

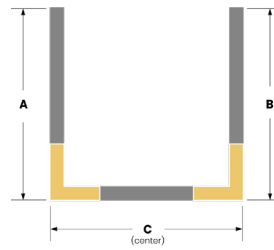
Patterns

Base Information

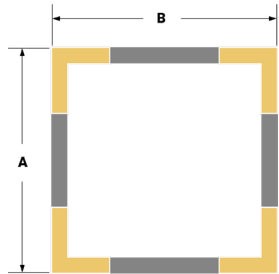
Description	The Eros family offers 3 standard connector shapes for different pattern configurations. Every connector is welded in factory and is fully illuminated, ensuring consistent lighting for seamless installation.
Dimensions	L-Shaped Connector : 7.5in x 7.5in / 190.5mm X 190.5mm
	T-Shaped Connector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



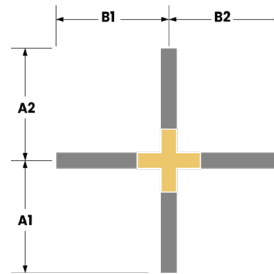
L-Shaped Pattern	
A	B
36in Minimum length	
$PAL = A \times B$	



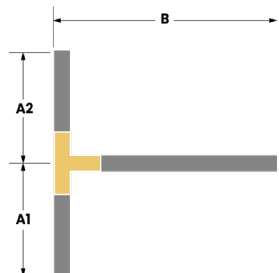
U-Shaped Pattern		
A	B	C
36in Minimum length		42in Minimum length
$PAU = A \times B \times C$		



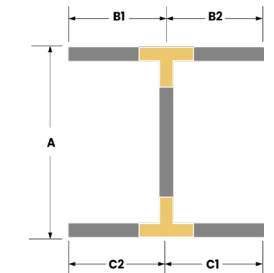
Square Shaped Pattern	
A	B
42in Minimum length	
$PAS = A \times B$	



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



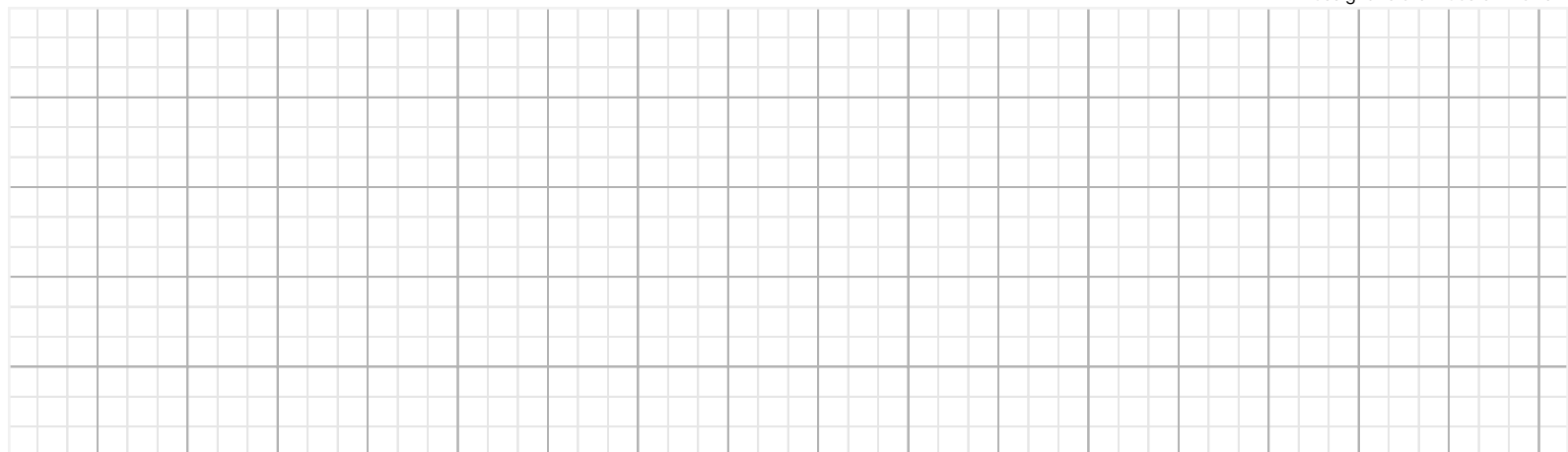
T-Shaped Pattern		
A1	A2	B
42in Minimum length		36in Minimum length
$PAT = A1 + A2 \times B$		



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



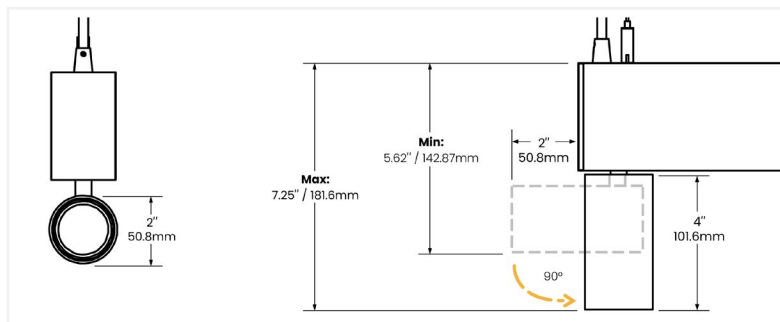
Accent Spotlights

Ordering Options

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

Product Code	Spotlight Code	Finish	Lumen Package	Colour Temperature	Optics	Accessories	Circuit
LWERSC							
ONLY AVAILABLE IN T-GRID CONFIGURATION	1BGL	Single Unit, Power Feed Side	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)
	1BGO	Single Unit, Opposite Side					
	2BGE	Two Units at Extremities					
	CUBG	Custom Positioning / Custom Quantity (1)					
	NA	None					
	(1) Custom option requires a positioning or quantity drawing.						(2) Adds a circuit on the fixture, consult factory for more information.

Dimensions



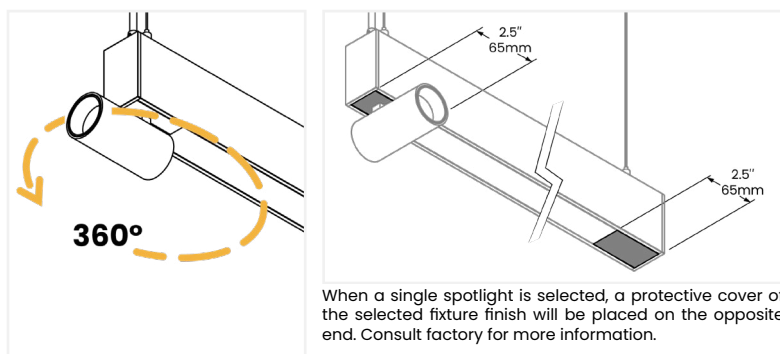
Performance

16° Optics		mA	Lumen	Power (w)	Lm/W
		275	1200	9.75	118
		350	1400	12.72	110
		500	2000	19.00	98

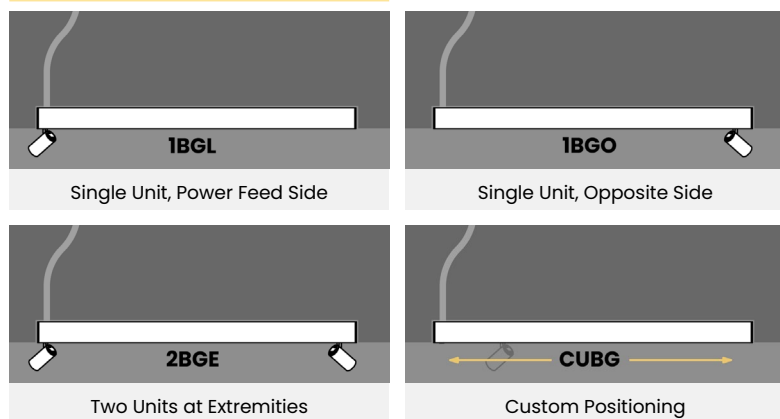
26° Optics		mA	Lumen	Power (w)	Lm/W
		275	1200	9.75	120
		350	1400	12.72	114
		500	2000	19.00	101

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



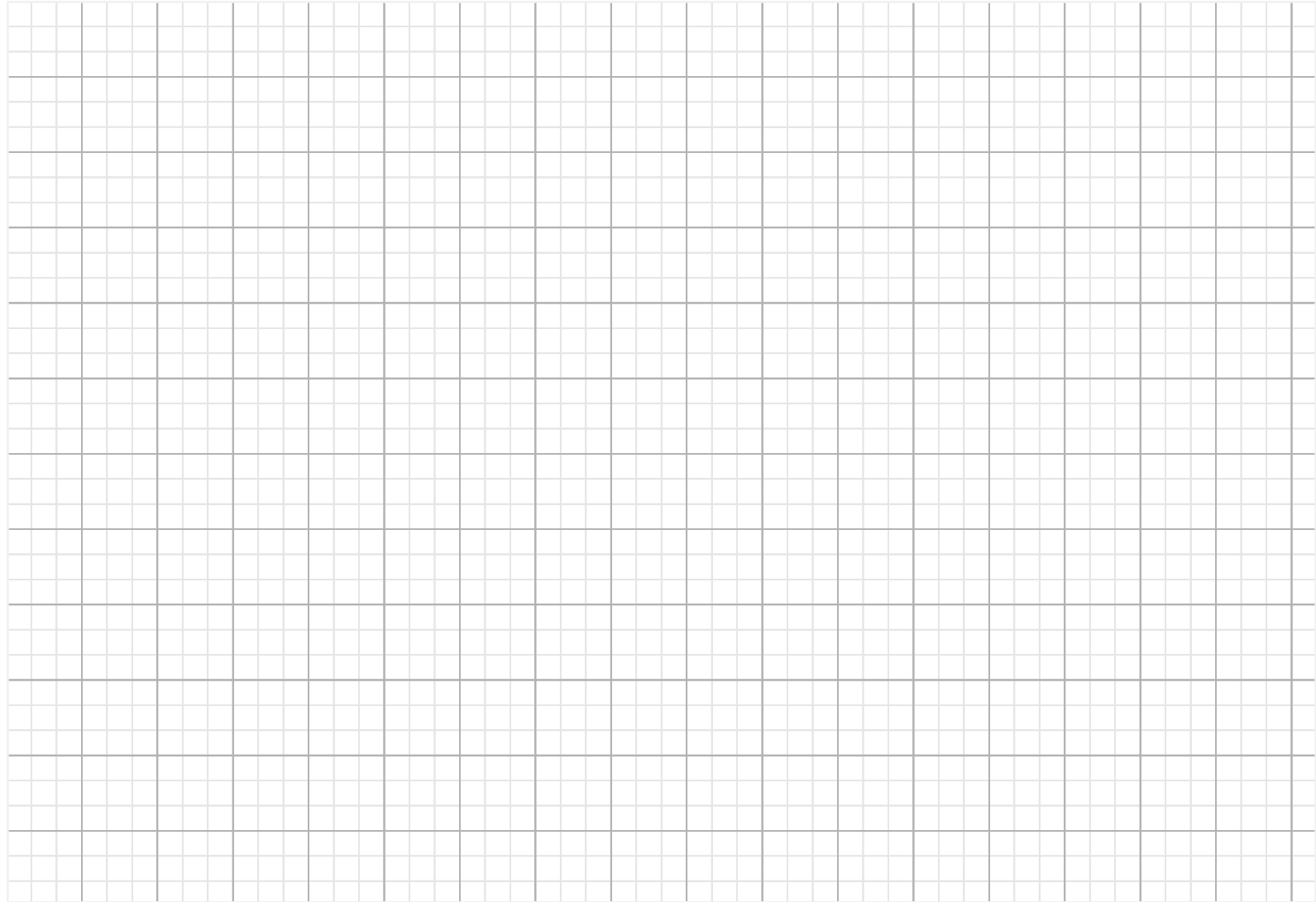
Planning Grid

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

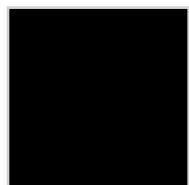


Technical Information

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 (T-Grid)
Joiner	1060 Steel, 14 gauge

Aluminum Profile Colour



MBK - Matte Black

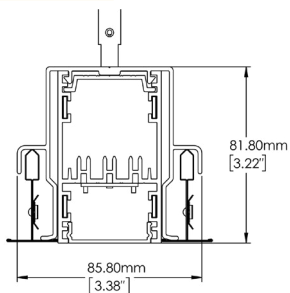


MWH - Matte White

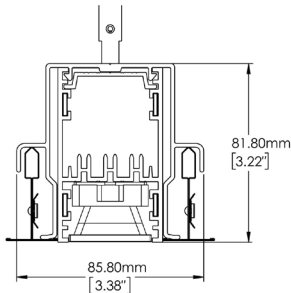


CU - Specify RALK7 colour

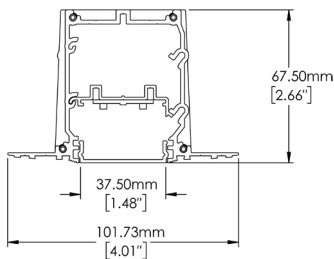
Dimensions



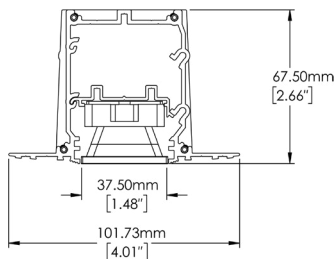
T-Grid Options Lambertian Lens



T-Grid Options Multicell Modules



Trimless Options Lambertian Lens



Trimless Options Multicell Modules

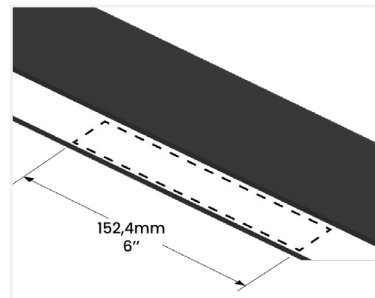
Length Management



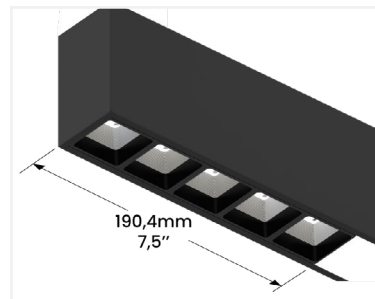
A	Minimum length for Eros is 4ft long.
	Eros more than 8ft long Will have an additional cost for shipping purpose.
	Maximum length for one fixture is 12ft .
	Fixture over 12ft long will be split into sections.

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 Modules Optics

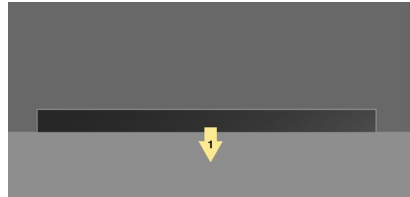


Driver

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%	<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>Lutron Hi-Lume 1% Spec Sheet</p>
Other Driver	Other driver options are available. Consult factory for more information.

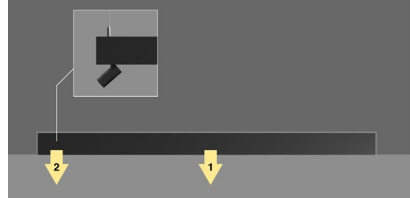
Circuits

1 Circuit





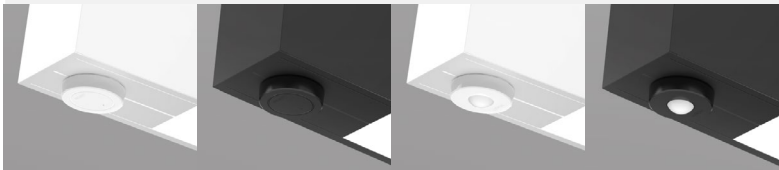
All lighting is on the same circuit and will be controlled simultaneously.

2 Circuits



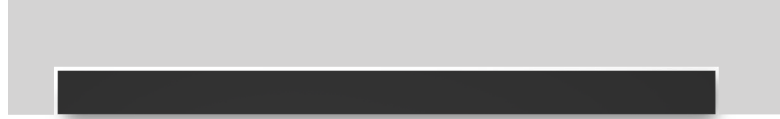
Direct lighting and additional lighting options are on two separate circuits and will be controlled independently.

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	<p>Static White Control:</p> <ul style="list-style-type: none"> • Lutron digital drivers (coming soon) • DALI-2 certified drivers • ANSI C137.1 compliant 0-10 V drivers <p>Tunable White Control :</p> <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.
 <p>AWNDR - Matte White AWNR - Matte Black AWNS - Matte White AWNS - Matte Black</p>	

Recessed Length Options

Single Fixture



Max Length	12ft Maximum length for continuous lens appearance.
Weight	Eros weight /feet : 1.5lbs

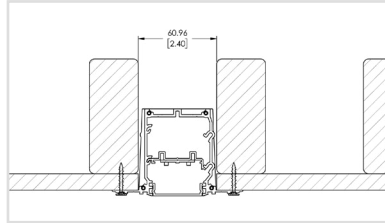
12ft+ Fixture



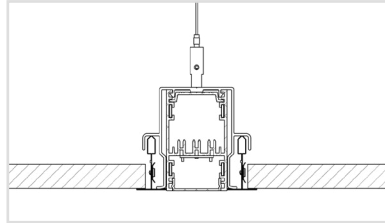
Max Length	When ordering over 12ft, Eros will be split into sections depending on the total length ordered. Ask our factory for more information
Custom Length	Contact our factory for more information on custom length and its specifications.

Section View

Trimless Option

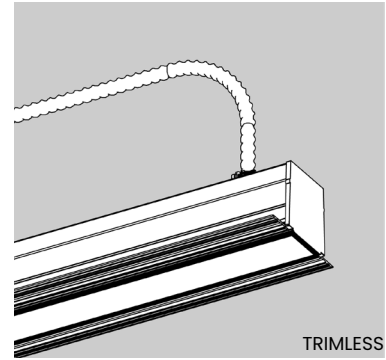
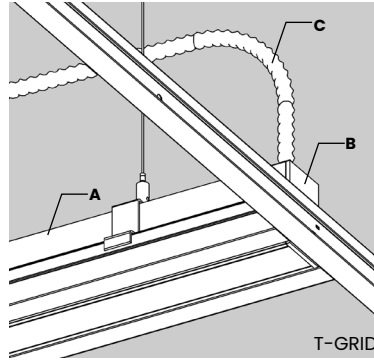


T-Grid Option



CCEA Certification

The additional CCEA certification requires Air-tight seals throughout the entire fixture along with metal only components complying with the electrical standards of the city of Chicago.



Description	
A	The integrated driver is completely enclosed in an all-metal assembly, each joint is sealed to make the interior compartment completely airtight.
B	Both endcaps are sealed at the ends with rubber seals.
C	All Lumen Warm recessed lighting have a flexible metal conduit with metal cable gripper.

Consult factory for more information.

Installation Information



Installation Guide Trimless

See our installation guide for more information.



Installation Guide T-Grid

See 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



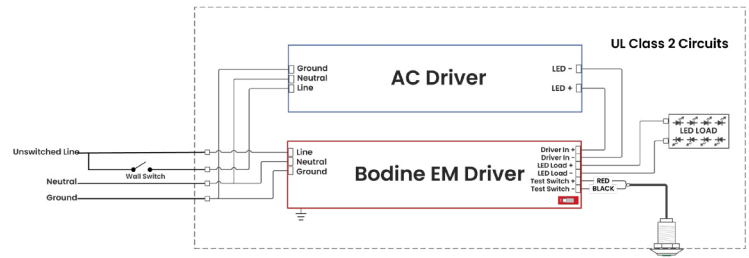
Specification Sheet



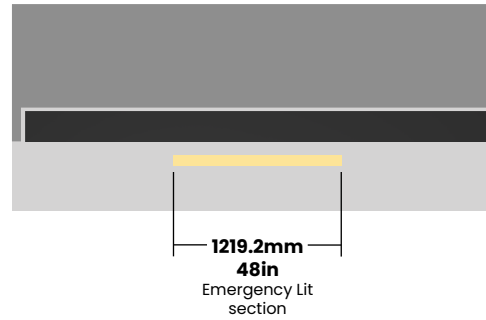
Instruction Sheet

Circuit Management

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



Emergency Section Management

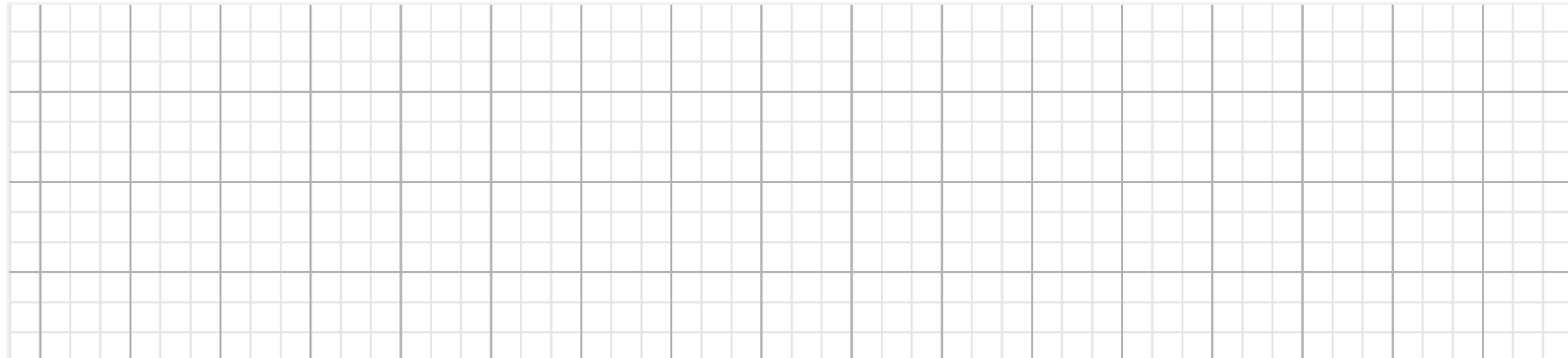


Provide sketch/drawing for emergency section positioning.

Minimum section must be at least 48in.

Workshop Drawing

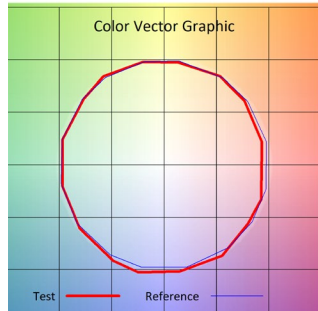
Use grid to draw combination



Light Colour Data

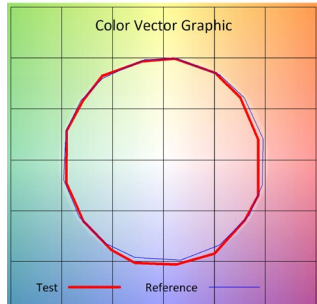
2700K

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



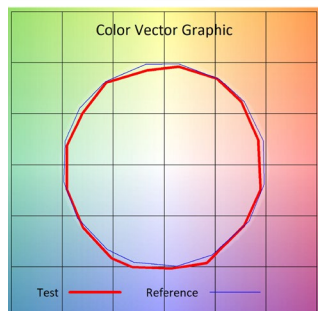
3000K

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



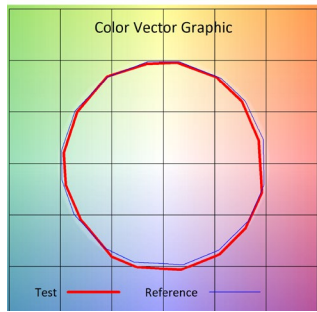
3500K

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%