



Project \_\_\_\_\_

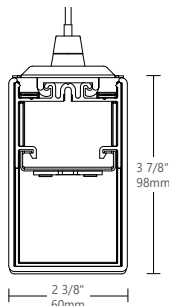
Type \_\_\_\_\_

Notes \_\_\_\_\_

PERFORMANCE PER LINEAR FOOT AT 3500K AND 80 CRI

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
1000 lm/ft	8 W/ft	125 lm/W

Please consult factory for custom lumen output and wattage.



Ordering Guide

MBLED		CRI	COLOUR TEMP. (choose one)		SHIELDING	LENGTH/FT	FINISH
PRODUCT ID	NOM.LUMENS/FT						
MBLED MINI BOX Pendant LED	500 500 lm/ft - Min	80 80 CRI	27 2700 K	TW2750 2700-5000 K - Tunable White	S satin lens	2 2'	AP aluminum paint
	1000 1000 lm/ft - Max	90 90 CRI*	30 3000 K	TW2765 2700-6500 K - Tunable White		3 3'	W white
			35 3500 K	BTW3527 3500-2700 K - Tunable BIOS		4 4'	BLK black
			40 4000 K	BTW4027 4000-2700 K - Tunable BIOS		6 6'	C custom
			B30 3000 K - BIOS*			8 8'	
			B35 3500 K - BIOS*			12 12'	
			B40 4000 K - BIOS*			S(L) system run	
Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. Consult factory for max output with BIOS.		* Not available with BIOS.	Consult Axitune technical sheet for more information on color technology. *Consult BIOS guide for more information on BIOS technology.			1' increment, minimum 2'	

VOLTAGE	DRIVER	CIRCUITS	MOUNTING/SUSPENSION	BATTERY (OPTIONAL)
120 120 V	DP dimming (0-10V) 1%	1 1 circuit	CA(#) drywall+cable length (36" std.)	B(#) battery pack 4' sections
277 277 V	LT Lutron	2 2 circuits	CT9(#) TB/TG 9/16+cable length (36" std.)	
347 347 V	BI bi-level dimming	+E(#) emergency circuit *	CT15(#) TB/TG15/16+cable length (36" std.)	
UNV universal	O(#) other**	+NL(#) night light circuit *	CTS(#) screw slot+cable length (36" std.)	
DC low voltage*	DPB(STC) dimming (0-10V) 1% with BIOS*	+GTD(#) generator transfer device *	SA(#) drywall+stem length >48" (18" std.)*	
	DPB(DYN) Bio-dimming™ 100%-81% with BIOS*		CASL(#) drywall cable sloped ceiling	
	TW(#) tunable white drivers*		SASL(#) drywall stem sloped ceiling	
	POE(#) POE drivers*			
* Only available with POE drivers.	* See page 2 to specify system ** Please consult factory; see page 2	* Specify quantity	See Mounting kit guide for full specification code. * Specify quantity	Specify quantity Not available with 347V Please consult factory

IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
DS(#) daylight sensor	C custom
OS(#) occupancy sensor	
DOS(#) daylight & occupancy sensor	
EN(#) Enlighted integral*	
ENR(#) Enlighted remote**	
WC(#) wireless control dimming	
* For flush option only; Please consult factory ** Please consult factory Specify quantity. Requires 8" blank See integrated controls guide for more details. Consult factory for Tunable White. Not available with DPB (DYN) driver for BIOS with Dynamic Spectrum.	Please specify

## ELECTRICAL

<b>Lutron driver</b>	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to Black
<b>Other drivers**</b>	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex Xitanium SR - For wireless sensor
<b>BIOS DPB drivers*</b>	STC - BIOS control 0-10V with static spectrum and BIC SkyBlue enabled from 100% to 1%. DYN - BIOS control 0-10V with dynamic spectrum and BIOS SkyBlue® with Bio-Dimming™, which changes spectral qualities by removing the SkyBlue component when dimming from 100% to 81%, while light output remains relatively constant; bio-dimming reduces CCT 2700K. Dimming from 80% to 1% will then reduce light output.
<b>Tunable White TW drivers*</b>	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address)
<b>Power over Ethernet POE drivers*</b> UL2108 certified for integral or remote driver	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
<b>Emergency</b>	Integral emergency battery pack or emergency circuit optional.
<b>Input Voltage</b>	120V, 277V, 347V, UNV, DC.
<b>Flex Whip</b>	Shipped in a separate box for contractors to install

\*Choose driver from available options.

**i** Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

## LED SYSTEM

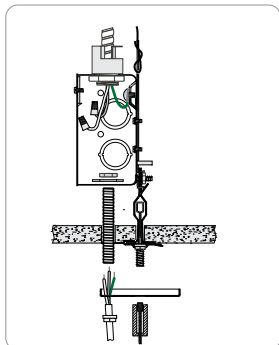
<b>CRI</b>	Minimum 80 or 90 color rendering index.
<b>CRI BIOS</b>	Minimum 80 color rendering index with R9>75 for all CCTs.
<b>CCT Single Color</b>	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
<b>CCT BIOS</b>	BIOS Static (STC) Choice of 3000K, 3500K and 4000K. BIOS SkyBlue® Dynamic (DYN) Choice of 3000K, 3500K, and 4000K with Bio-Dimming™ BIOS Tunable White (BTW) Choice of 4000-2700K and 3500-2700K; does not use a bio-dimmer, it uses TW drivers, which allow independent control of CCT and intensity; e.g., BTW4027 provides combined SkyBlue + white light at 4000K, SkyBlue is removed at 2700K. Light output can be adjusted for each CCT. <a href="#">Consult BIOS guide for more information on BIOS technology.</a>
<b>CCT Axitune Systems</b>	<a href="#">Consult Axitune technical sheet for more information on color technology.</a>
<b>LED life</b>	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
<b>Thermal Management</b>	Aluminum housing acting as the heat sink to maximize life.
<b>Environment</b>	Dry and damp rated for indoor use only in operating ambient temperatures of 0-40°C (32-104°F).

## ● LIGHT DISTRIBUTION



semi-direct

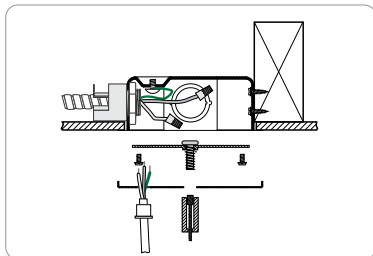
## ● MOUNTING OPTIONS



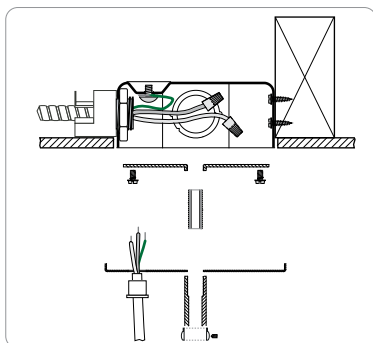
**CT** TILE CEILING - ON GRID

Mounting options are also available for slope ceiling and seismic bracing.

- i** Installation sheets for all mounting options are available at: [www.axislighting.com](http://www.axislighting.com)



**CA** DRYWALL CEILING



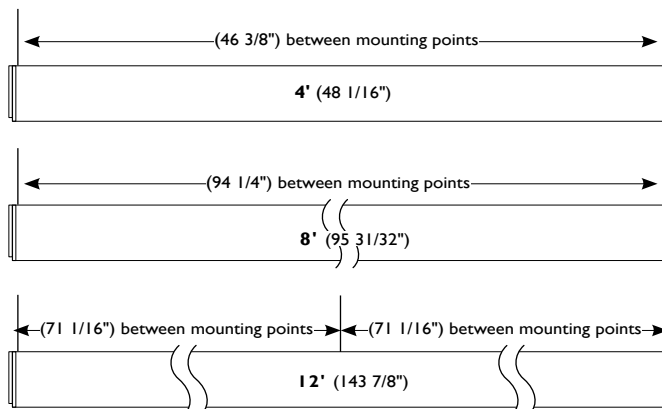
**SA** STEM MOUNT IN DRYWALL CEILING

## ● SYSTEMS (S#)

Runs of MINI BOX that are greater than 12ft in length are designated as systems (S#). This means that the run is comprised of a combination of sections to be assembled on site using our joining system. The run is comprised of a combination of sections to be assembled on site using our joining system, maximum 4' lens with joining end cap. For more information on systems and joining, please refer to the MINI BOX installation sheets available for download at [www.axislighting.com](http://www.axislighting.com)

## ● SUSPENSION / MOUNTING SPACING

Between Mounting Points:



- i** Row configuration and mounting spacing file is available for download at: [www.axislighting.com](http://www.axislighting.com)

## ● OTHER MOUNTING OPTIONS

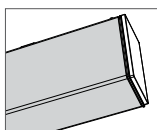
MINI BOX is also available in wall and surface mounted options.

- i** Specification sheets for all mounting options are available for download at [www.axislighting.com](http://www.axislighting.com)

## ● FINISH

Powder coated and custom finishes are also available.

## ● OPTICS OPTIONS



S satin lens

### SATIN LENS

PMMA satin finish (0.060" nominal)

## ● APPROVALS

Certified to UL and CSA standards  
Suitable for damp locations.

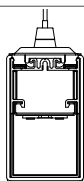


## ● WARRANTY

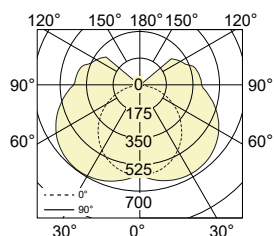
Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at [axislighting.com](http://axislighting.com).

## ● PHOTOMETRIC DATA

1000 lm/ft



### PHOTOMETRIC CURVE



**Lumen/ft down: 1000 lm/ft**  
**Total Lumens: 4000 lm (for 4ft)**  
**Input Watts: 32.1 W**  
**Efficacy: 125 lm/W**  
 IES FILE: MBLED-1000-80-35-S-4.IES

TESTED ACCORDING TO IES LM-79-2008

### CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	598	598	598	598	598
5	597	606	614	619	621
15	575	603	630	650	657
25	532	581	629	664	678
35	471	539	609	661	681
45	394	481	572	640	665
55	308	408	519	600	631
65	216	327	453	545	580
75	123	244	377	478	515
85	41	167	304	403	442
90	5	135	274	375	414
95	4	133	272	372	410
105	5	127	256	356	392
115	5	104	217	299	335
125	6	84	193	266	297

### ZONAL LUMENS

Zone	Lumens
0	
0-10	58
10-20	177
20-30	288
30-40	377
40-50	435
50-60	456
60-70	438
70-80	387
80-90	318
90	
90-100	276
100-110	252
110-120	203
120-130	157
130-140	
140-150	
150-160	
160-170	
170-180	179
180	

### LUMINANCE DATA (cd/m<sup>2</sup>)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7453	6873	7033
55	7062	6578	6860
65	6519	6278	6702
75	5686	5979	6556
85	4385	5816	6485

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)