

Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
600 lm/ft	4.4 W/ft	134 lm/W

* Based on a 4 foot luminaire using one driver
Please consult factory for custom lumen output and wattage.



RECOGNIZED BY



Ordering Guide

BMWILED		NOM. LUMENS/FT		CRI		COLOR TEMP.		C		LENGTH	
PRODUCT ID								SHIELDING			
BMWILED	Wall Indirect LED	600	600 lm/ft	80	80 CRI	27	2700 K	C	clear	2	2'
				90	90 CRI	30	3000 K			3	3'
						35	3500 K			4	4'
						40	4000 K			5	5'
										6	6'
										8	8'
										12	12'
										S#	system run

Consult factory for outputs outside of the listed range.

MR (OPTIONAL)		FINISH		VOLTAGE		DRIVER		CIRCUITS	
M16(#)	MR halogen lamp - Line voltage (by other) ⁽¹⁾	AP	aluminum paint	120	120 V	DP	dimming (0-10V) 1%	1	1 circuit
M16LED(#)	MR16 LED lamp - Line voltage (by other) ⁽¹⁾	W	white	277	277 V	LT	Lutron ⁽³⁾	2	2 circuits
M16LEDB(#)	MR16 LED lamp - Dimmable (provided) ⁽²⁾	BLK	black	347	347 V	BI	bi-level dimming	+E(#)	emergency circuit ⁽⁵⁾
		C	custom	UNV	universal	O	other ⁽⁴⁾	+NL(#)	night light circuit ⁽⁵⁾
								+GTD(#)	generator transfer device ⁽⁵⁾
								+M	MR

(1) Specify quantity; Line wattage only; Separate circuits included
(2) Consult factory; See page 3 for more details. M16 constant current for 0-10V & DALI only
(3) Specify system
(4) Please consult factory; see page 2
(5) Specify quantity

BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
B# battery pack 4' sections	F fuse ⁽⁶⁾	DS# daylight sensor OS# occupancy sensor DOS# daylight & occupancy sensor EN# Enlighted integral ⁽⁷⁾ ENR# Enlighted remote ⁽⁷⁾ WC# wireless control dimming	C custom

Not available with 347V Please consult factory
(6) Requires 120V or 277V
(7) Please consult factory Specify quantity. Requires 8" blank. See integrated controls guide for more details.
Please specify

● SPECIFICATIONS

CONSTRUCTION

Housing	Extruded aluminum (0.075" nominal) Up to 70% recycled content
End Cap	Sheet steel (18 gauge)
Interior Brackets	Die formed sheet steel (18 gauge)
Reflectors	White powder coated sheet steel (22 gauge)
Blank	Extruded aluminum (0.075" nominal)
Wall Mount Bracket	Die formed sheet steel (16 gauge)

● ELECTRICAL

Lutron driver*	LDE1 - EcoSystem H-Series (1%) LDE5 - EcoSystem 5-Series (5%) LTE - Hi-Lume® A-series 2Wires Forward Phase (1%) *Consult factory
Other drivers	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV.

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

● FINISHES

Powder coated and custom finishes are also available.

● SYSTEM (S#)

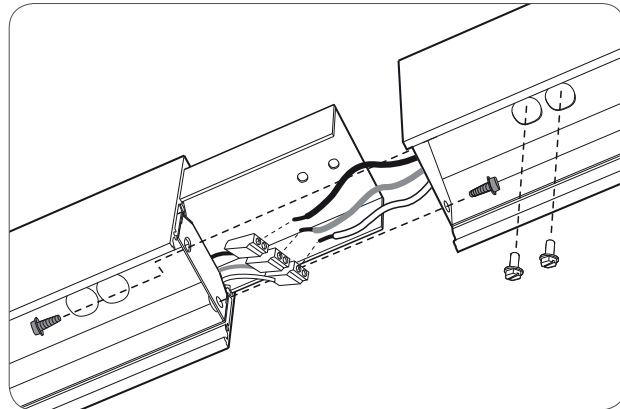
BEAM 3 LED linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Lengths of 4', 8', 12' as well as custom lengths are available. Runs of BEAM 3 LED that are greater than 12' in length are designated as systems (S#). This means that the run is comprised of a combination 4', 8' and/or 12' sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the BEAM 3 LED installation sheets available for download at www.axislighting.com.

● LED SYSTEM

CRI	Minimum 80 or 90 color rendering index
CCT	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3.5-step MacAdam ellipse).
LED life	Minimum 50,000h with 70% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal management	Aluminium housing acting as the heat sink to maximize life.

● JOINERS

In order to allow very long runs of BEAM 3 luminaires, Axis has developed a number of different joining systems. Special care has been taken to maximize the performance of the joiner for each BEAM 3 LED option.



NOTE: Mount each system segment individually. Do not assemble system prior to mounting.

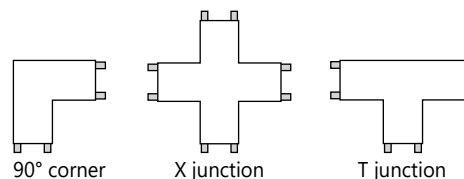
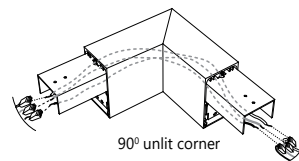
i Allow a minimum of 6" between end of long runs and vertical wall

● WEIGHT

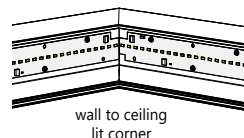
Wall Indirect 4 ft	12.3 lbs / 5.0 kg
Wall Indirect 8 ft	24.6 lbs / 10.1 kg
Wall Indirect 12 ft	36.9 lbs / 15.1 kg

● CORNERS

Unlit Corners - BEAM 3 LED features a multitude of layout patterns with the use of a number of corners, 90° corner, T or X junctions.



Lit Corners - Axis also offers lit 90° corners including ceiling to ceiling, wall to ceiling and ceiling to wall.



i For custom corner angles, please consult factory. Specifications sheets for all corners are available at: www.axislighting.com

● APPROVALS

Certified to UL and CSA standards
Meets NYC and ADA requirements
Suitable for damp locations.

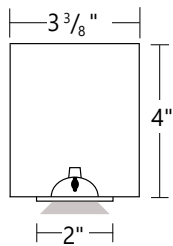


WARRANTY

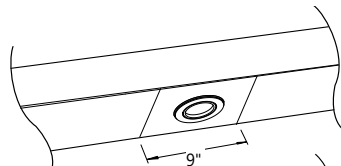
Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

MR16 LED LAMPS

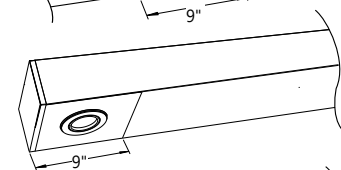
Blank	Extruded aluminum (0.075" nominal)
MR16 Halogens	Adjustable halogen lamp 35W / 50W (by others) - Line voltage dimming only
MR16 LED	Adjustable LED lamp (provided)- Line voltage dimming only
MR16 LEDB	Constant current LED lamp (provided)- Dimmable by control system for 0-10V DALI only
Quantity	For every 4' section, there may be up to a maximum of 4 x MR16 LED lamps.
Spacing	Each MR16 LED lamp is placed centered on a blank section 9" in length. For a series of MR16's within a given section length, they will be spaced evenly on a longer blank section. The directed light of MR16 LED lamps are fixed downward. Custom spacing may be available on special request.



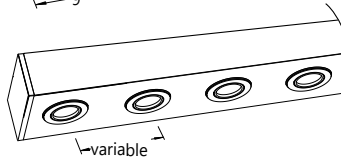
Between sections



At luminaire ends



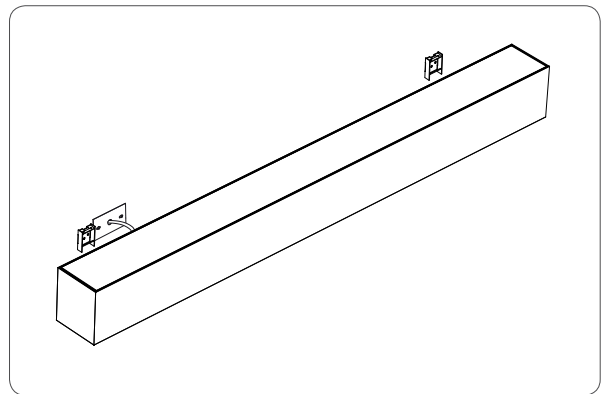
Several in a long blank section



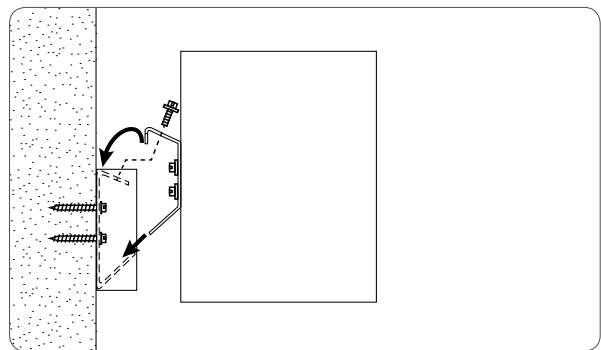
Base Type	GU 5.3
Beam Angle	40 nominal degrees
Input Watts	6W
Nominal Lumens	300 lumens
Efficacy	50 lumens per watt
Color Rendering Index (CRI)	85
Center Beam Candle Power (CBCP)	584 candelas
Life	25,000 hours at L ₇₀
Correlated color temperature (CCT)	2700K

i More options are available upon request. Please consult factory.

HORIZONTAL MOUNTING DETAILS

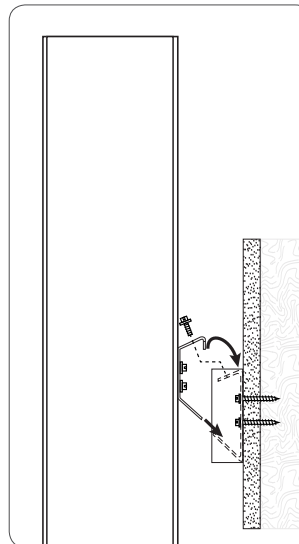


MOUNTING BRACKETS

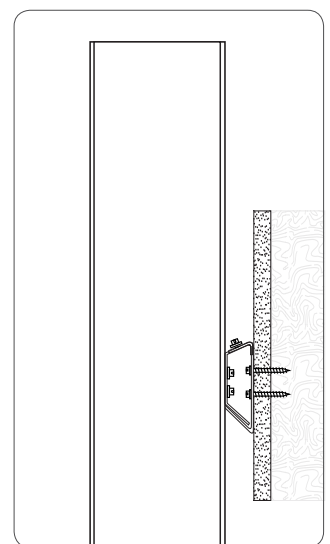


SIDE VIEW

VERTICAL MOUNTING DETAILS



MOUNTING BRACKETS



SIDE VIEW

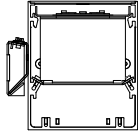
OTHER MOUNTING OPTIONS

BEAM 3 LED is also available with pendant, recessed, surface, recessed asymmetric and recessed vertical mounted options.

i Specification sheets and installation sheets for all mountings for BEAM 3 LED luminaires are available for download at www.axislighting.com

● PHOTOMETRIC DATA

600 lm/ft



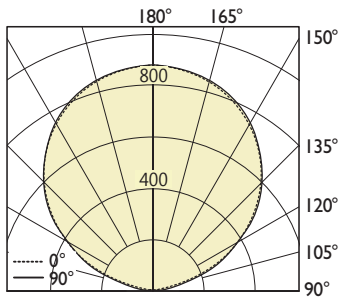
CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
90	0	0	0	0	0
95	10	5	4	3	2
105	127	122	123	109	92
115	298	294	292	295	295
125	461	459	455	454	453
135	600	597	595	593	589
145	708	707	705	704	700
155	787	789	787	786	783
165	842	843	843	842	841
175	870	876	874	872	871
180	877	877	877	877	877

ZONAL LUMENS

Zone	Lumens
90	
90-100	12
100-110	126
110-120	291
120-130	407
130-140	458
140-150	441
150-160	363
160-170	238
170-180	83
180	

PHOTOMETRIC CURVE



Luminaire Lumens: 600 lm/ft
Input Watts: 4.4 W/ft
Efficacy: 134 lm/W

IES FILE: BMWILED-600-80-35-C.IES
 TESTED ACCORDING TO IES LM-79-2008

i All IES files are available for download at: www.axislighting.com