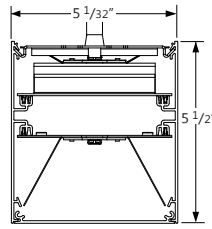


(CABLE)



(STEM)

Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT		INPUT WATTS*	EFFICACY
UPLIGHT	DOWNLIGHT		
640 lm/ft	400 lm/ft	9.03 W/ft	119 lm/W

Please consult factory for custom lumen output and wattage.



Ordering Guide

BBDILED						SO	
PRODUCT ID	NOM. LUMENS/FT UP	NOM. LUMENS/FT DOWN	CRI	COLOR TEMP.	SHIELDING	LENGTH	
B6DILED Pendant Direct/Indirect LED	400 400 lm/ft uplight	400 400 lm/ft downlight	80 80 CRI	27 2700 K	SO spotless lens	2 2'	
	640 640 lm/ft uplight	500 500 lm/ft downlight	90 90 CRI	30 3000 K		3 3'	
	750 750 lm/ft uplight	750 750 lm/ft downlight		35 3500 K		4 4'	
	1000 1000 lm/ft uplight	1000 1000 lm/ft downlight		40 4000 K		5 5'	
						6 6'	
						8 8'	
						12 12'	
						S# system run	
Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.		Applies to both UP & DOWN.		Applies to both UP & DOWN. Colour temperature is both for direct and indirect.			

MR (OPTIONAL)		FINISH	VOLTAGE	DRIVER	CIRCUITS
M16(#) MR16 halogen lamp - Line voltage (by other) ⁽¹⁾	AP aluminum paint	120 120 V	DP dimming (0-10V) 1%	1 1 circuit ⁽⁵⁾	
M16LED(#) MR16 LED lamp - Line voltage (by other) ⁽¹⁾	W white	277 277 V	LT Lutron ⁽³⁾	2 2 circuits ⁽⁶⁾	
M16LEDB(#) MR16 LED lamp - Dimmable (provided) ⁽²⁾	BLK black	347 347 V	BI bi-level dimming	+E(#) emergency circuit ⁽⁷⁾	
	C custom	UNV universal	O other ⁽⁴⁾	+NL(#) night light circuit ⁽⁷⁾	
				+GTD(#) generator transfer device ⁽⁷⁾	
				+M MR	
(1) Specify quantity; Line wattage only; Separate circuits included		(3) Specify system		(5) Control UP & DOWN lights together	
(2) Consult factory; See page 3 for more details. MR16 constant current for 0-10V & DALI only		(4) Please consult factory; see page 2		(6) Control UP & DOWN lights separately	
				(7) Specify quantity	

MOUNTING/SUSPENSION	BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
CA(#) drywall+cable length (36" std.)	B# battery pack 4' sections	F fuse ⁽⁸⁾	DS# daylight sensor	C custom
CT9(#) TB/TG 9/16+cable length (36" std.)			OS# occupancy sensor	
CT15(#) TB/TG15/16+cable length (36" std.)		D dust cover	DOS# daylight & occupancy sensor	
CTS(#) ST+cable length (36" std.)			EN# Enlighted integral ⁽⁹⁾	
SA(#) drywall+stem length >48" (18" std.)			ENR# Enlighted remote ⁽⁹⁾	
+SM seismic option			WC# wireless control dimming	
	Not available with 347V Please consult factory	(8) Requires 120V or 277V	Applies to both UP & DOWN. (9) 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)
Lens	Spotless frosted acrylic lens
Hanger	Die formed sheet steel (16 gauge)
Suspension	Aircraft cable or Ø 1/2" Stem
Cable Grips	Quick connecting / release

● ELECTRICAL


Lutron driver*	LDE1 - EcoSystem H-Series (1%) LDE5 - EcoSystem 5-Series (5%) LTE - Hi-Lume® A-series 2Wires Forward Phase (1%) <small>*Consult factory</small>
Other drivers	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor POE (Power over Ethernet) - Low Voltage Lighting System.
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.

● 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.

● APPROVALS

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

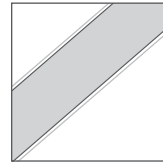
● SYSTEM (S#)

BEAM6 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 BEAM6 LED that are greater than 12' in length are designated as systems (S#). This means that the run is comprised of a combination of 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 BEAM6 LED installation sheets available for download at www.axislighting.com.

● FINISH

Powder coated and custom finishes are also available.

● OPTICS



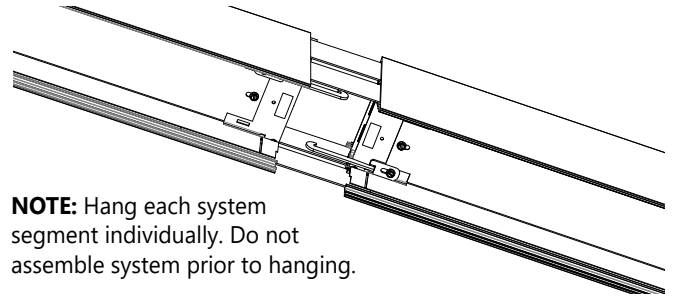
50 spotless lens

SPOTLESS LENS

Frosted acrylic snap-in lens with micro lens

● JOINERS

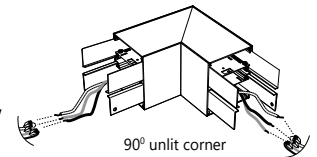
In order to allow very long runs of BEAM6 LED luminaires, Axis has developed an effective joining system. Special care has been taken to maximize the performance of the joiner for each BEAM6 LED option.



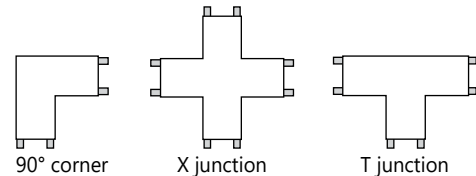
NOTE: Hang each system segment individually. Do not assemble system prior to hanging.

● CORNERS

Unlit Corners - BEAM6 LED features a multitude of layout patterns with the use of a number of corners, 90° corner, T or X junctions.



90° unlit corner

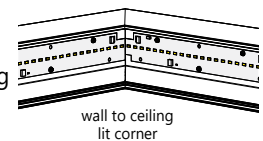


90° corner

X junction

T junction

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



wall to ceiling lit corner

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

● LED SYSTEM

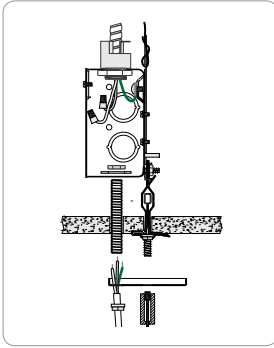
CRI	Minimum 80 or 90 color rendering index
CCT	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3.5-step MacAdam ellipse).
LED life	Minimum 50,000h with 70% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.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

WEIGHT

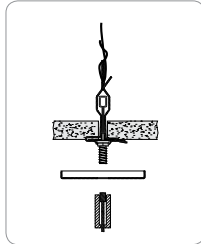
Pendant 4 ft	18.3 lbs / 8.3 kg
Pendant 8 ft	36.6 lbs / 16.6 Kg
Pendant 12 ft	54.9 lbs / 24.9 Kg

MOUNTING OPTIONS

CT TILE CEILING - ON GRID

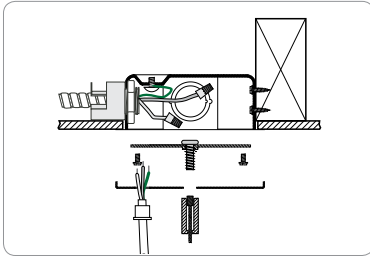


Power feed

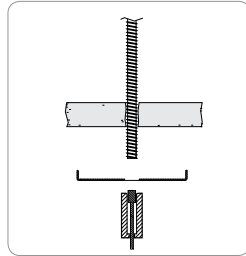


Non power feed

CA DRYWALL CEILING

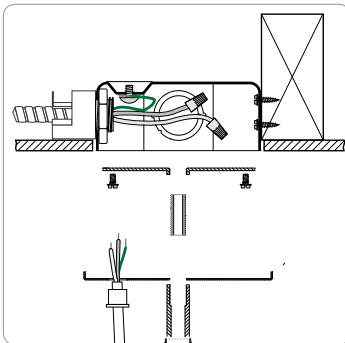


Power feed

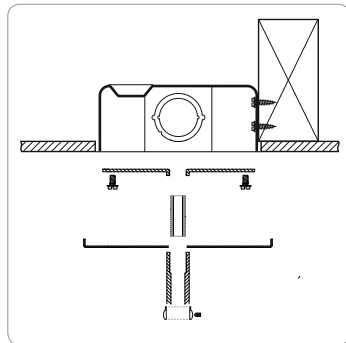


Non power feed

SA STEM MOUNT IN DRYWALL CEILING



Power feed



Non power feed

OTHER MOUNTING OPTIONS

BEAM6 LED is also available with recessed, surface, wall and recessed vertical mounted options.

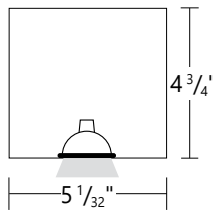
i Specification sheets and installation sheets for all mountings for BEAM6 LED luminaires are available for download at www.axislighting.com

MR16

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

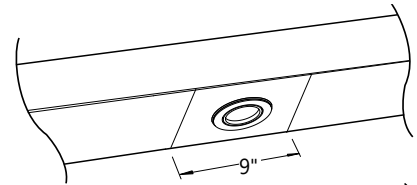
Quantity For every 4' section, there may be up to a maximum of 4 x MR16 LED lamps.

Spacing Each MR16 LED lamp is placed centered on a blank section 9" in length.

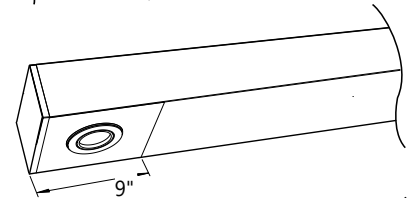


For a series of MR16's within a given section length, they will be spaced evenly on a longer blank section. The directed light of MR16 LED lamps are fixed downward. Custom spacing may be available on special request.

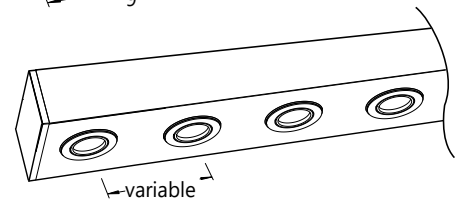
Between sections



At luminaire ends



Several in a long blank section

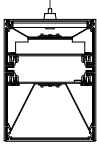


Base Type	GU 5.3
Beam Angle	40 nominal degrees
Input Watts	6W
Nominal Lumens	300 lumens
Efficacy	50 lumens per watt
Color Rendering Index (CRI)	85
Center Beam Candle Power (CBCP)	584 candelas
Life	25,000 hours at L ₇₀
Correlated Color Temperature (CCT)	2700K

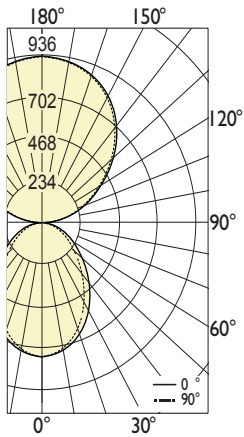
i More options are available upon request. Please consult factory.

PHOTOMETRIC DATA

Uplight 60%
640 lm/ft
Downlight 40%
400 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 640 lm/ft up
400 lm/ft down

Input Watts: 9.03 W/ft
Efficacy: 119 lm/W

IES FILE: B6DILED-640-400-80-35-SO-4.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	740	740	740	740	740
5	737	738	738	737	736
15	695	698	701	702	699
25	611	617	625	630	626
35	503	511	522	531	528
45	388	397	410	419	417
55	281	288	299	307	305
65	186	191	198	203	199
75	106	109	111	111	106
85	38	40	39	37	31
90	9	10	9	6	2
95	3	3	3	8	18
105	73	71	118	134	153
115	299	292	309	325	341
125	477	470	490	501	516
135	631	626	632	643	655
145	744	742	745	755	764
155	827	827	830	837	843
165	887	887	887	891	896
175	917	917	917	917	917
180	922	922	922	922	922

ZONAL LUMENS

Zone	Lumens
0	
0-10	69
10-20	193
20-30	279
30-40	314
40-50	302
50-60	253
60-70	183
70-80	105
80-90	34
90	
90-100	14
100-110	129
110-120	315
120-130	442
130-140	494
140-150	471
150-160	385
160-170	251
170-180	87
180	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	3777	3991	4059
55	3372	3588	3660
65	3029	3225	3241
75	2819	2952	2819
85	3001	3080	2448

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