

Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 4000K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
1200 lm/ft	10 W/ft	119 lm/W

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



Ordering Guide

B6RLED					ASO				
PRODUCT ID	NOM. LUMENS/FT	CRI		COLOR TEMP.		SHIELDING	LENGTH		
B6RLED Recessed LED	400	400 lm/ft - Minimum	80	80 CRI	27	2700 K	ASO asymmetric with SO lens	2	2'
	1200	1200 lm/ft - Maximum	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(L)	system run	

Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.

See page 2-3 for more details

LED DOWNLIGHT INSERT (OPTIONAL)	FINISH	VOLTAGE	DRIVER	CIRCUITS
CB31525(#) Fixed LED 3" dia 1500lm 25deg *	W white	120 120 V	DP dimming (0-10V) 1%	1 1 circuit
CB31538(#) Fixed LED 3" dia 1500lm 38deg *	BLK black	277 277 V	LT Lutron *	2 2 circuits
CB31555(#) Fixed LED 3" dia 1500lm 55deg *	C custom	347 347 V	BI bi-level dimming	+E(#) emergency circuit *
CB30925(#) Fixed LED 3" dia 900lm 25deg *		UNV universal	O other **	+NL(#) night light circuit *
CB30938(#) Fixed LED 3" dia 900lm 38deg *		DC low voltage*	POE(#) POE drivers*	+GTD(#) generator transfer device *
CB30955(#) Fixed LED 3" dia 900lm 55deg *				+M MR
M16LED(#) Adj. MR 16 LED lamp (provided) ** & ***				

* Available in 3000K. Consult factory for other CCT's; comes with 5" deep extrusion - see pg.3
** See page 5 for more details; 25° adjustability; Requires 120v or 277V.
*** Only available in 3000K or 4000K.

* Only available with POE drivers.
* Specify system
** Please consult factory; see page 2
* Specify quantity

MOUNTING	BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
TB9 t-bar 9/16" TB15 t-bar 15/16" ST screw slot t-bar TG9 tegular 9/16" TG15 tegular 15/16" DF drywall flange D drywall flangeless DB slip-through bracket DS drywall spackle flange	B(#) battery pack 4' sections	EF end feed FW flex whip (6' std)* CP Chicago plenum	DS(#) daylight sensor OS(#) occupancy sensor DOS(#) daylight & occupancy sensor EN(#) Enlighted integral * ENR(#) Enlighted remote ** WC(#) wireless control dimming	C custom
	Not available with 347V Please consult factory	* Other lengths available; please consult factory.	* For flush option only; Please consult factory ** Please consult factory. Specify quantity. Requires 8" blank. See integrated controls guide for more details.	Please specify

● 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 acrylic lens
T-Bar Bracket	Die formed sheet steel (16 gauge)
Screw Slot T-Bar Bracket	Die formed sheet steel (16 gauge)
Slip-Through Bracket	Die formed sheet steel (18 gauge)
Spackle Flange	Die formed perforated sheet steel (20 gauge)
Flange	Extruded aluminum (0.075" nominal) visible flange width: 9/16"

● ELECTRICAL

Lutron driver	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black
Other drivers**	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex Xitanium SR - For wireless sensor
Power over Ethernet POE drivers*	MOLEX IGOR SMARTENGINE O - Other (Consult factory) *Consult factory
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV.
Flex Whip	Shipped in a separate box for contractors to install

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

● SYSTEM (S#)

BEAM 6 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 6 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 installation sheets available for download at www.axislighting.com.

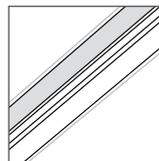
● APPROVALS

Certified to UL and CSA standards 
Meets NYC requirements
Meets CCEC requirements (Chicago plenum)
Suitable for damp locations
IC Rated (Insulated ceiling)

● WEIGHT

Recessed LED 4ft	16.3 lbs / 7.4 kg
Recessed LED 8ft	32.6 lbs / 14.8 kg
Recessed LED 12ft	48.9 lbs / 22.2 kg

● OPTICS

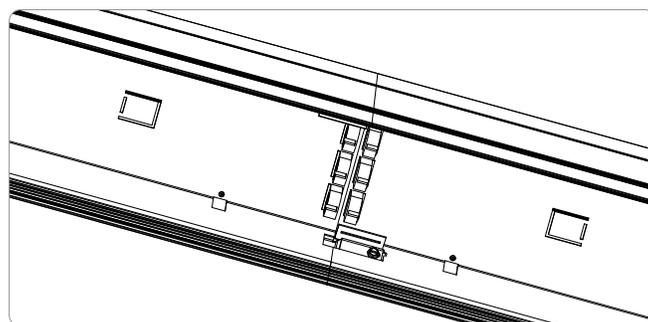
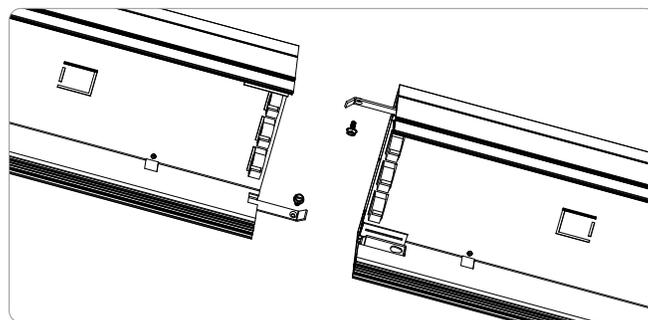


ASO asymmetric with SO lens

ASYMMETRIC WITH SPOTLESS LENS
(acrylic snap-in lens) spotless: 85% trans.

● JOINERS

In order to allow very long runs of BEAM 6 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 option.



TB JOINER

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

● FINISHES

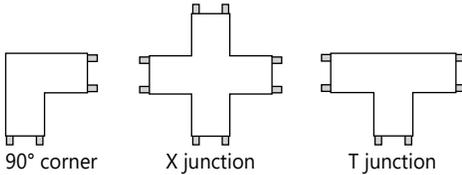
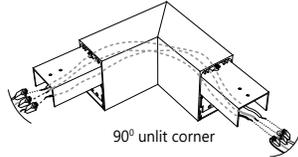
Powder coated and custom finishes are also available.

● 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.

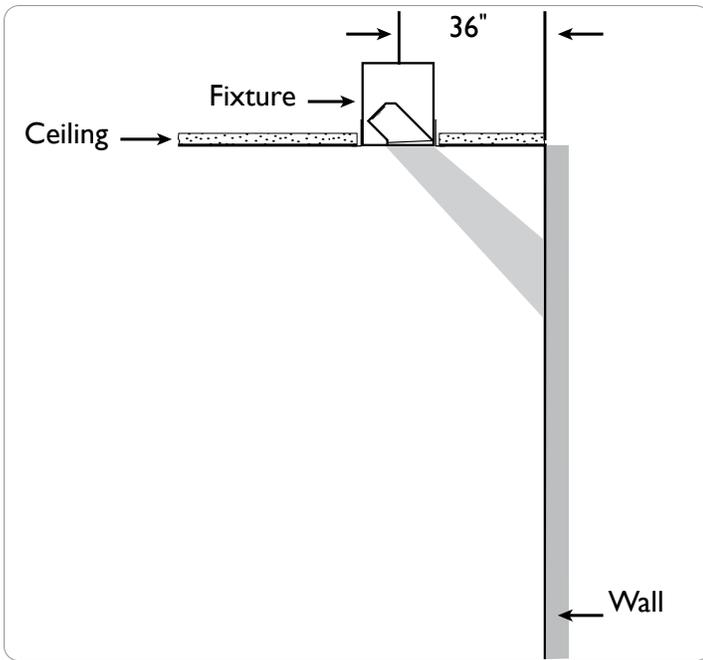
● CORNERS

Unlit Corners - BEAM 6 LED features a multitude of layout patterns with the use of a number of corners, 90° corner, T or X junctions.



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

● LIGHT WASH



NOTE: Recommended distance from the wall - 3 to 4ft.

● 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.

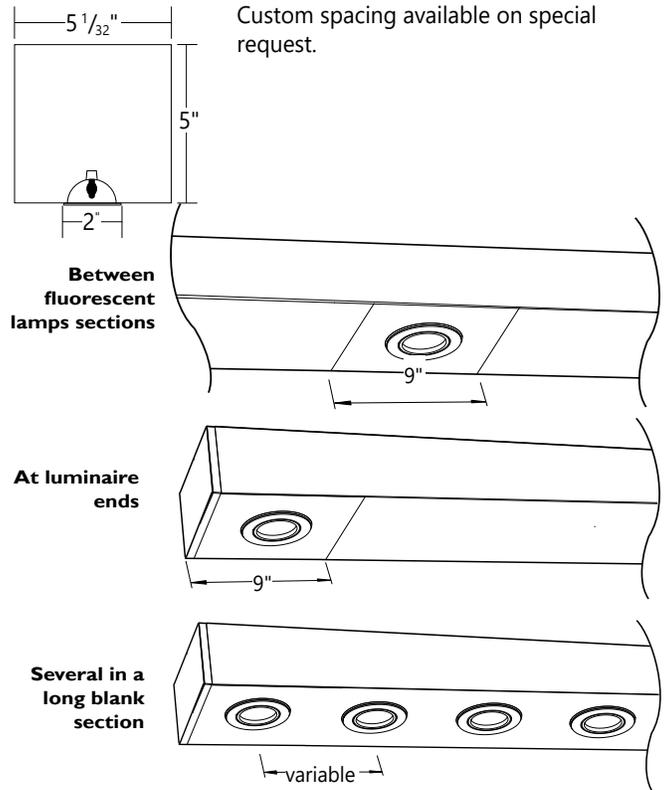
● MR 16 LAMP DOWNLIGHT

Blank Extruded aluminum (0.075" nominal)

MR16 LED Adjustable LED lamp (provided)

Quantity For every 4' lamp section, there may be up to a maximum of 4 downlights.

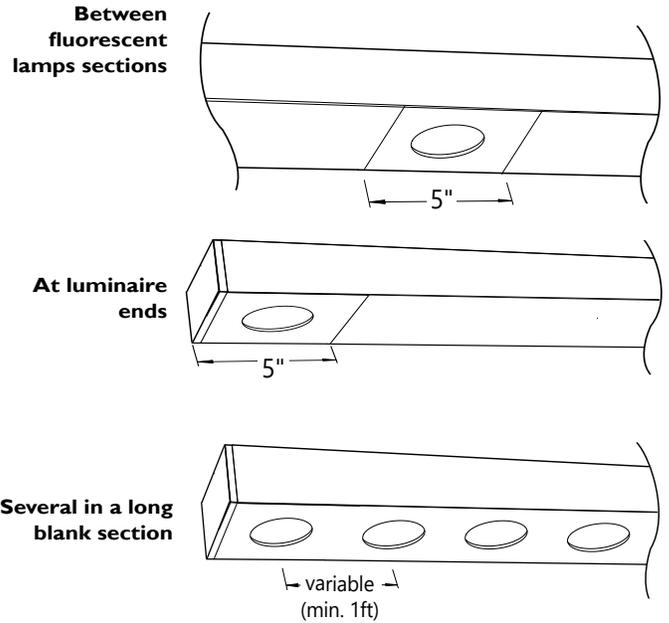
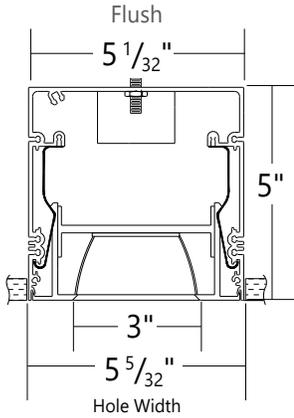
Spacing Each MR16 is placed centered on a blank section 9" in length. Within a given section length, a series of downlights will be spaced evenly on a longer blank section. Custom spacing available on special request.



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)	3000K, 4000K
Adjustability	15° tilt

● **LED DOWNLIGHT INSERT**

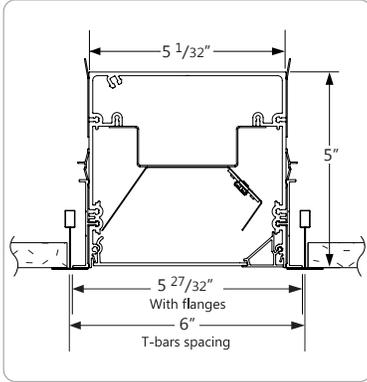
Blank Extruded aluminum (0.075" nominal)
CB3 3.0" diameter fixed, 900 or 1500 lumen, 25°, 38°, 55°;
 3000K, R9 =70, CRI=90, 3 Macadam Ellipse
Quantity Allow minimum 1ft distance between multiple units.



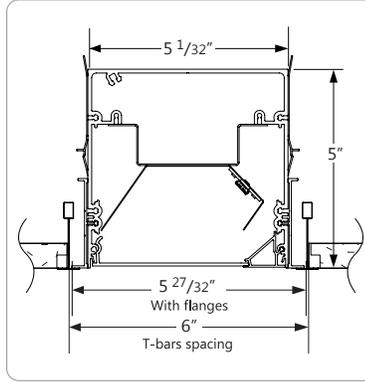
PERFORMANCE

	LUMENS	WATTS	EFFICACY
CB309	880	11.6 W/ft	76 lm/W
CB315	1550	19.1 W/ft	81 lm/W

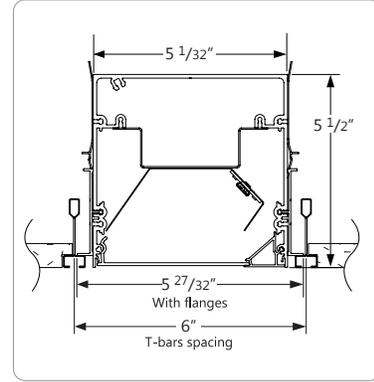
● TB CEILING MOUNTING OPTIONS



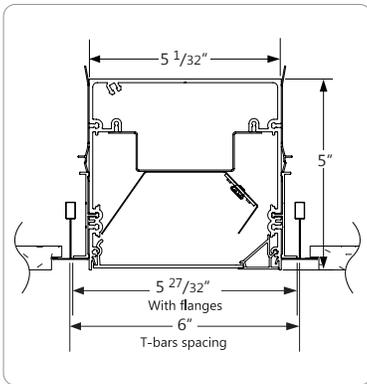
TB15 15/16" T-BAR



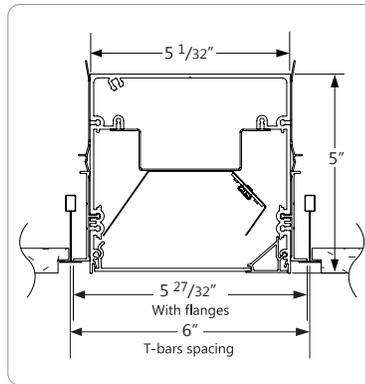
TB9 9/16" T-BAR



ST SCREW SLOT T-BAR

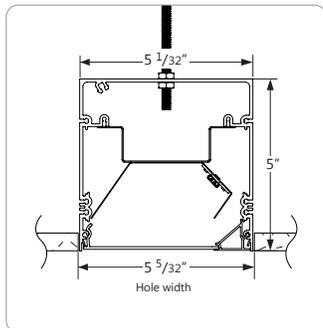


TG15 15/16" TEGULAR

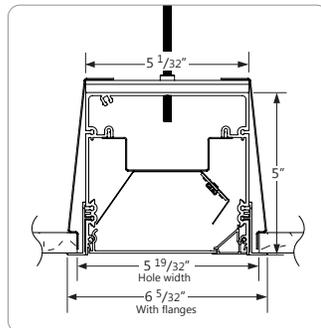


TG9 9/16" T-TEGULAR

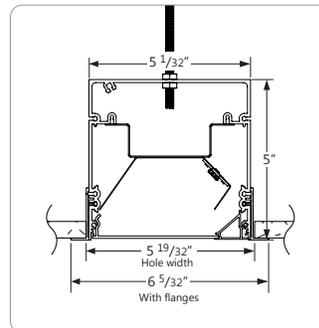
● DRYWALL CEILING MOUNTING OPTIONS



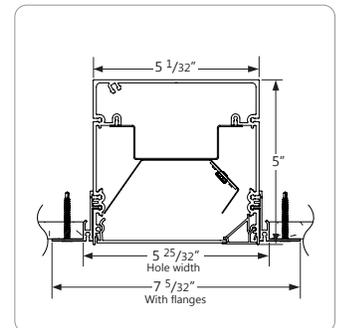
D FLANGELESS WITH 1/4-20 STUD MOUNTING



DB VISIBLE FLANGES WITH SLIP-THROUGH BRACKET



DF VISIBLE FLANGES WITH 1/4-20 STUD MOUNTING



DS SPACKLE FLANGES

● OTHER MOUNTING OPTIONS

BEAM 6 LED is also available with pendant, surface, wall and recessed wall mounted options.

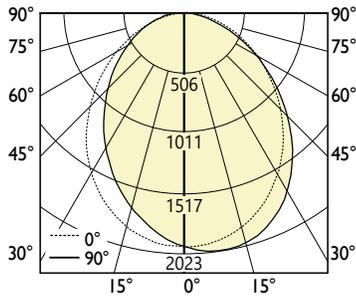
i Specification sheets and installation sheets for all mounting for BEAM luminaires are available for download at www.axislighting.com

● PHOTOMETRIC DATA

1200 lm/ft
With ASO lens



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 40.2 W
Efficacy: 119 lm/W
IES FILE: B6RLED-1200-80-35-ASO-4-W.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1894	1894	1894	1894	1894
5	1882	1913	1941	1961	1971
15	1794	1881	1958	2005	2023
25	1625	1748	1854	1916	1938
35	1393	1525	1639	1697	1722
45	1117	1239	1338	1382	1400
55	830	921	995	1025	1036
65	548	608	656	667	676
75	287	317	341	342	349
85	87	89	93	85	86
90	4	2	2	2	2

ZONAL LUMENS

Zone	Lumens
0	
0-10	179
10-20	505
20-30	745
30-40	864
40-50	853
50-60	731
60-70	532
70-80	301
80-90	90
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	13348	15981	16719
55	12218	14654	15254
65	10955	13104	13504
75	9356	11142	11376
85	8443	8996	8320

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