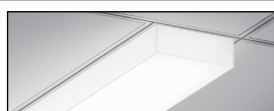


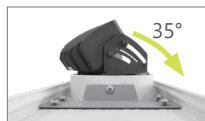
Shielding option



StepLens option



Adjustable downlight - Cone
See page 3 for mor details



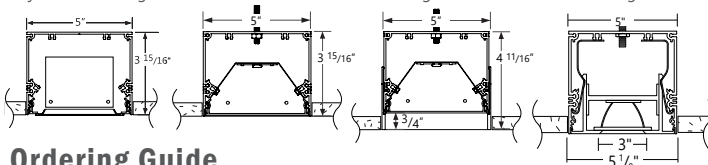
35 degree adjustability

Adjustable Downlight

Flush

Regressed

LED Downlight insert



Ordering Guide

B6RLED							
PRODUCT ID	NOM. LUMENS/FT	CRI	COLOR TEMP. (choose one)	SHIELDING	LENGTH		
B6RLED Recessed LED	400 400 lm/ft - Min 1200 1200 lm/ft - Max	80 80 CRI 90 90 CRI*	27 2700 K 30 3000 K 35 3500 K 40 4000 K B30 3000 K - BIOS* B35 3500 K - BIOS* B40 4000 K - BIOS*	TW2750 2700-5000 K - Tunable White TW2765 2700-6500 K - Tunable White BTW3527 3500-2700 K - Tunable BIOS BTW4027 4000-2700 K - Tunable BIOS	FL flush* RG regressed* 2M 2" Steplens, lum. end cap* 2P 2" Steplens, opaque end cap* UB Ultra blend lens**	2 2' 3 3' 4 4' 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. 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		* These lens options use spotless lens. See page 2-3 for more details ** Default lens for Tunable white and BIOS. Consult factory for other lens.	

LED DOWNLIGHT INSERT (OPT.)		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*	DPB(STC)	dimming (0-10V) 1% with BIOS*	+GTD(#)	generator transfer device*
CB30955(#)	Fixed LED 3" dia 900lm 55deg*					DPB(DYN)	Bio-dimming™ 100%-81% with BIOS*	+LDI	led downlight insert
M16LED(#)	Adj. MR16 LED lamp - Line voltage (provided)** (!)					TW(#)	tunable white drivers*	+M	MR
M16LEDB(#)	Adj. MR16 LED lamp - Dimmable (provided)*** (!)					POE(#)	POE drivers*		
Requires 120V or 277V; see page 5 for more details. Available in luminaires with Axitune and BIOS but downlight modules will not be tunable white or BIOS LEDs. * Available in 3000K. Consult factory for other CCT's; see pg.5 **Specify quantity; Line wattage only; Separate circuits included; 25° adjustability. ***Consult factory; See page 6 for more details. MR16 constant current for 0-10V & DALI only (!) Only available in 3000K or 4000K				* Only available with POE drivers.		*See page 2 to specify system **Please consult factory; see page 2		*Specify quantity	

MOUNTING		BATTERY (OPT.)	OTHER (OPT.)	IC CONTROLS (OPT.)		CUSTOM (OPT.)	
TB9	t-bar 9/16"	B(#) battery pack 4' sections	EF end feed	DS(#)	daylight sensor	C custom	
TB15	t-bar 15/16"		FW flex whip (6' std)*	OS(#)	occupancy sensor		
ST	screw slot t-bar		CP Chicago plenum	DOS(#)	daylight & occupancy sensor		
TG9	tegular 9/16"		HD hold down clip**	EN(#)	Enlighted integral *		
TG15	tegular 15/16"		AR air return plate**	ENR(#)	Enlighted remote**		
DF	drywall flange		SR sprinkler plate**	WC(#)	wireless control dimming		
D	drywall flangeless		SPK speaker plate**				
DB	slip-through bracket						
DS	drywall spackle flange						
		Not available with 347V. Please consult factory	* Other lengths available; please consult factory. ** Only available for t-bar mounting		*For flush and regressed 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

Ordering Guide - Adjustable Downlight Only (Optional) *Configuration drawing needed!

Note that it can not be combined with other LED Downlight Inserts!

ADJUSTABLE DOWNLIGHT MODULE QTY	TRIM	COLOR TEMP.	BEAM SPREAD	DOWNLIGHT FINISH
ADM(#) adjustable LED downlight module quantity*	CO cone PI pinhole	27 2700 K 30 3000 K 35 3500 K 40 4000 K	15D 15 deg 36D 36 deg 60D 60 deg	BLK black W white

* Distance between downlight is minimum 12". Available in 90CRI. See page 3 for more details
Compatible with DP driver only. See page 3 for more details.

● SPECIFICATIONS

CONSTRUCTION

Housing	Extruded aluminum (0.075" nominal) up to 70% recycled content
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
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
BIOS DPB drivers*	STC - BIOS control 0-10V with static spectrum and BIOS 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 to 2700K. Dimming from 80% to 1% will then reduce light output.
Tunable White TW drivers*	DALIT6 - DALI Type 6 (Two DALI Addresses) DALIT8 - DALI Type 8 (One DALI Address)
Power over Ethernet POE drivers*	MOLEX IGOR UL2108 certified for integral or remote driver SMARTENGINE
Emergency	O - Other (Consult factory) Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV, DC.
Flex Whip	Shipped in a separate box for contractors to install

*Choose driver from available options.

❶ 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 12ft 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 BEAM 6 LED installation sheets available for download at www.axislighting.com.

● LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CRI BIOS	Minimum 80 color rendering index with R9>75 for all CCTs.
CCT Single Color	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.
CCT BIOS	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. Consult BIOS guide for more information on BIOS technology.
CCT Axitune Systems	Consult Axitune technical sheet for more information on color technology.
LED life	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.
Environment	Dry and damp rated for indoor use only in operating ambient temperatures of 0-40°C (32-104°F).

● FINISH

Powder coated and custom finishes are also available.

● 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

● DLC Approved Options



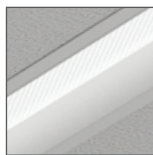
*Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.

LUMEN OUTPUT	CRI	COLOR TEMP.	SHIELDING	LENGTH	VOLTAGE	DRIVER
650 lm/ft	80	3500 K	FL	4' 10'	universal	DP

● SHIELDING - Frosted acrylic Spotless lens



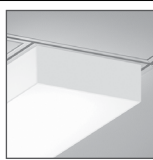
F flush



RG regressed



2M 2" StepLens, lum.
end cap

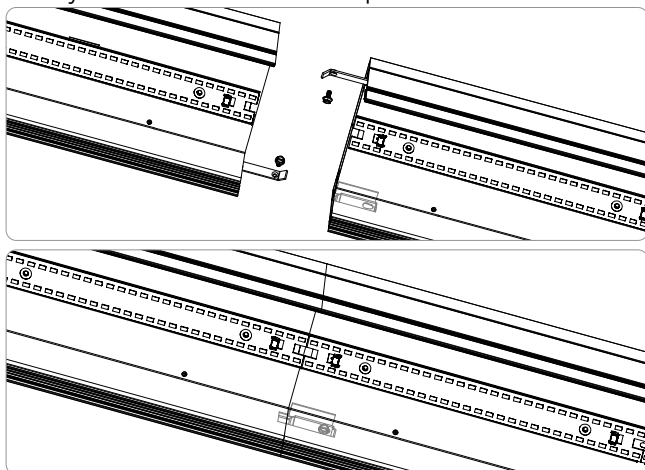


2P 2" StepLens,
opaque end cap



● JOINERS

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



JOINER SYSTEM

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

● APPROVALS

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

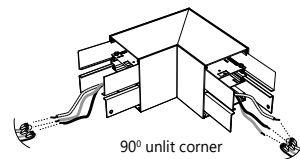


● WARRANTY

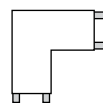
Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

● CORNERS

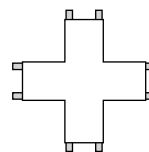
Unlit Corners - BEAM 6 LED features a multitude of layout patterns with the use of a number of corners, 90° corner, T or X junctions.



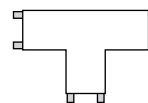
90° unlit corner



90° corner

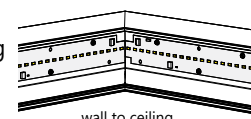


X junction



T junction

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

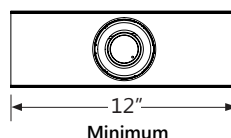


wall to ceiling
lit corner

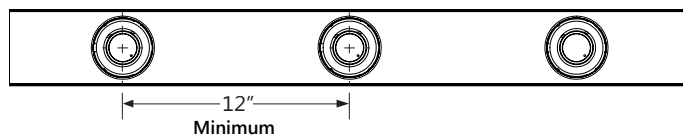
i For custom corner angles, please consult factory. Specifications sheets for all corners are available at: www.axislighting.com

*For StepLens please consult factory.

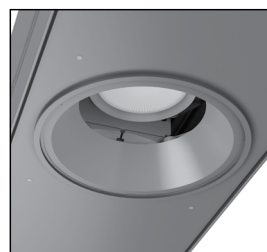
● ADJUSTABLE DOWNLIGHT



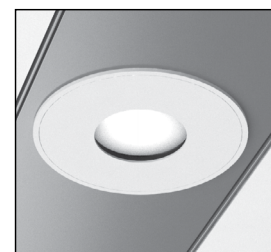
Minimum



Minimum



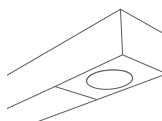
Adjustable Downlight - Cone



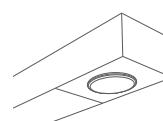
Adjustable Downlight - Pinhole

● TECHZONE™ AND LOGIX™

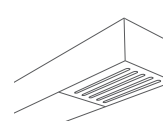
Integrated contiguous modules for PA speakers, Air Returns and Sprinkler Heads are available for our recessed Beam products to add a consistent linear system to complete the illuminated portion.



SPK SPEAKER

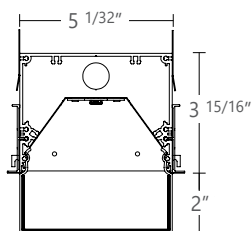


SR SPRINKLER



AR AIR RETURN

STEP LENS OPTION

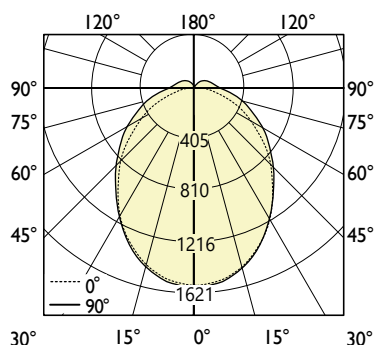


2P 2" StepLens, opaque end cap

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4823 lm (for 4ft)
Input Watts: 35.4 W
Efficacy: 136 lm/W
IES FILE: B6RLED-1200-80-35-2P-4.IES

TESTED ACCORDING TO IES LM-79-2008

PERFORMANCE

LUMENS	WATTS	EFFICACY	SHIELDING
1200 lm/ft	8.85 W/ft	136 lm/W	2P
1200 lm/ft	8.85 W/ft	136 lm/W	2M

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1620	1620	1620	1620	1620
5	1608	1607	1608	1610	1611
15	1517	1519	1517	1510	1509
25	1343	1348	1340	1325	1319
35	1114	1126	1119	1111	1108
45	862	886	898	904	910
55	622	657	690	715	725
65	405	453	503	538	548
75	227	281	340	377	384
85	88	147	211	245	250
90	37	100	164	197	202
95	32	90	148	175	179
105	26	76	125	151	155
115	22	59	99	121	131
125	17	49	84	104	114
135	12	40	69	87	95
145	9	31	54	67	74
155	7	22	38	48	53
165	4	13	23	29	32
175	1	4	8	10	11
180	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	153
10-20	429
20-30	620
30-40	707
40-50	700
50-60	623
60-70	499
70-80	354
80-90	219
90	
90-100	145
100-110	118
110-120	89
120-130	67
130-140	47
140-150	30
150-160	16
160-170	6
170-180	1
180	

LUMINANCE DATA (cd/m²)

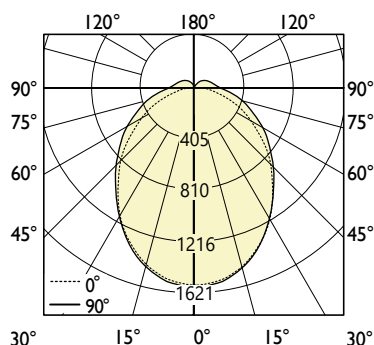
Vertical Angle	Horizontal Angles		
	0	45	90
45	7559	6239	5926
55	6605	5364	5186
65	5685	4591	4497
75	4900	3914	3834
85	4414	3409	3308

2M 2" StepLens, lum. end cap

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4823 lm (for 4ft)
Input Watts: 35.4 W
Efficacy: 136 lm/W
IES FILE: B6RLED-1200-80-35-2M-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1620	1620	1620	1620	1620
5	1608	1607	1608	1610	1611
15	1517	1519	1517	1510	1509
25	1343	1348	1340	1325	1319
35	1114	1126	1119	1111	1108
45	862	886	898	904	910
55	622	657	690	715	725
65	405	453	503	538	548
75	227	281	340	377	384
85	88	147	211	245	250
90	37	100	164	197	202
95	32	90	148	175	179
105	26	76	125	151	155
115	22	59	99	121	131
125	17	49	84	104	114
135	12	40	69	87	95
145	9	31	54	67	74
155	7	22	38	48	53
165	4	13	23	29	32
175	1	4	8	10	11
180	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	153
10-20	429
20-30	620
30-40	707
40-50	700
50-60	623
60-70	499
70-80	354
80-90	219
90	
90-100	145
100-110	118
110-120	89
120-130	67
130-140	47
140-150	30
150-160	16
160-170	6
170-180	1
180	

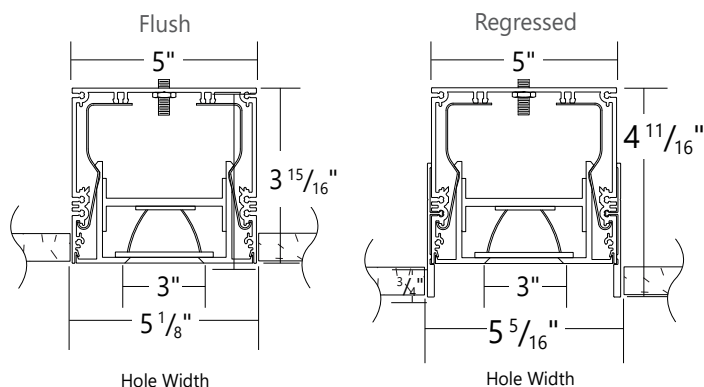
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7559	6239	5926
55	6605	5364	5186
65	5685	4591	4497
75	4900	3914	3834
85	4414	3409	3308

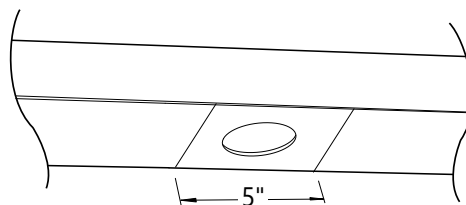
i All IES files are available for download at: www.axislighting.com

LED DOWNLIGHT INSERT

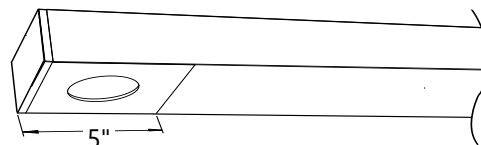
Blank	Extruded aluminum (0.075" nominal)
CB3	3.0" diameter fixed, 900 or 1500 lumen, 25°, 38°, 55°; 3000K, R9 =70, CRI=90, 3 Macadam Ellipse
Quantity	Allow minimum 1ft distance between multiple units.



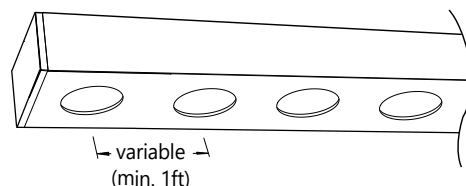
Between sections



At luminaire ends



Several in a long blank section



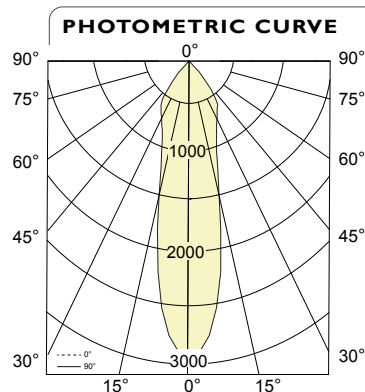
PERFORMANCE

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

PHOTOMETRIC DATA FOR LED DOWNLIGHT INSERT

CB31525#

Fixed LED 3" diameter 1500lm 25deg



ACTUAL LUMEN: 1552 lm
INPUT WATTS: 19.1 W
EFFICACY: 81 lm/W
CRI: 90

IES FILE: CB31525.ies

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45	67.5	90	
0	2879	2879	2879	2879	2879	
5	2670	2670	2670	2670	2670	237
10	2071	2071	2071	2071	2071	
15	1323	1323	1323	1323	1323	374
20	921	921	921	921	921	
25	737	737	737	737	737	343
30	635	635	635	635	635	
35	562	562	562	562	562	349
40	466	466	466	466	466	
45	259	259	259	259	259	197
50	68	68	68	68	68	

CB30925#

Fixed LED 3" diameter 900lm 25deg

ACTUAL LUMEN: 876 lm
INPUT WATTS: 11.6 W
EFFICACY: 76 lm/W
CRI: 90

IES FIL2: CB30925.ies

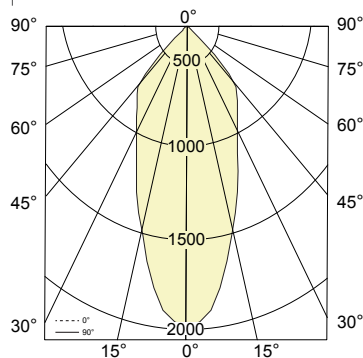
i All IES files are available for download at: www.axislighting.com

● PHOTOMETRIC DATA FOR LED DOWNLIGHT INSERT

CB31538#

Fixed LED 3" diameter 1500lm 38deg

PHOTOMETRIC CURVE



ACTUAL LUMEN: 1554 lm
INPUT WATTS: 19.1 W
EFFICACY: 81 lm/W
CRI: 90

IES FILE: CB31538.ies

CANDELA DISTRIBUTION

	Horizontal Angles					Zonal Lumens
Vertical Angle	0	22.5	45	67.5	90	
0	1999	1999	1999	1999	1999	
5	1897	1897	1897	1897	1897	172
10	1586	1586	1586	1586	1586	
15	1284	1284	1284	1284	1284	357
20	1026	1026	1026	1026	1026	
25	823	823	823	823	823	382
30	693	693	693	693	693	
35	602	602	602	602	602	377
40	526	526	526	526	526	
45	265	265	265	265	265	204
50	43	43	43	43	43	

CB30938#

Fixed LED 3" diameter 900lm 38deg

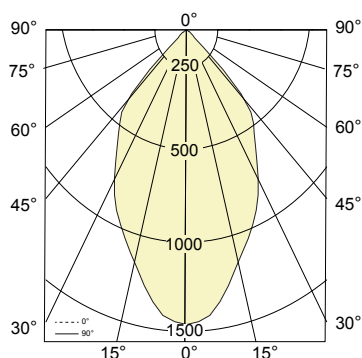
ACTUAL LUMEN: 878 lm
INPUT WATTS: 11.6 W
EFFICACY: 76 lm/W
CRI: 90

IES FILE: CB30938.ies

CB31555#

Fixed LED 3" diameter 1500lm 55deg

PHOTOMETRIC CURVE



ACTUAL LUMEN: 1559 lm
INPUT WATTS: 19.1 W
EFFICACY: 82 lm/W
CRI: 90

IES FILE: CB31555.ies

CANDELA DISTRIBUTION

	Horizontal Angles					Zonal Lumens
Vertical Angle	0	22.5	45	67.5	90	
0	1485	1485	1485	1485	1485	
5	1444	1444	1444	1444	1444	135
10	1309	1309	1309	1309	1309	
15	1161	1161	1161	1161	1161	325
20	1043	1043	1043	1043	1043	
25	913	913	913	913	913	416
30	760	760	760	760	760	
35	638	638	638	638	638	400
40	539	539	539	539	539	
45	278	278	278	278	278	214
50	57	57	57	57	57	

CB30955#

Fixed LED 3" diameter 900lm 55deg

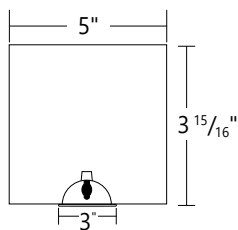
ACTUAL LUMEN: 879 lm
INPUT WATTS: 11.6 W
EFFICACY: 76 lm/W
CRI: 90

IES FILE: CB30955.ies

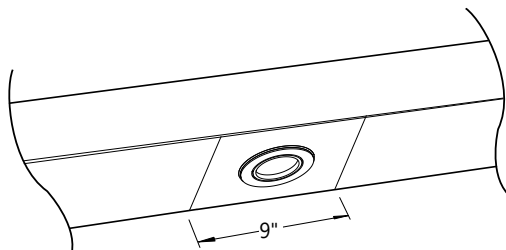
i All IES files are available for download at: www.axislighting.com

● MR16 LED LAMPS

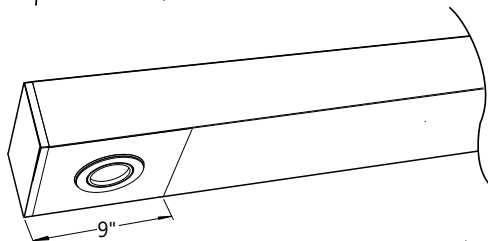
Blank	Extruded aluminum (0.075" nominal)
MR16 LED	Adjustable LED lamp (provided)- Line voltage dimming only
MR16 LEDB	Constant current LED lamp (provided)- Dimmable by control system for 0-10V DALI only
Quantity	For every 4' section, there may be up to a maximum of 4 x MR16 LED lamps.
Spacing	Each MR16 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.



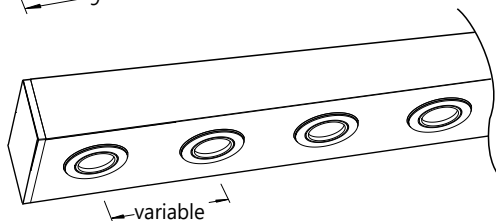
**Between
sections**



**At luminaire
ends**

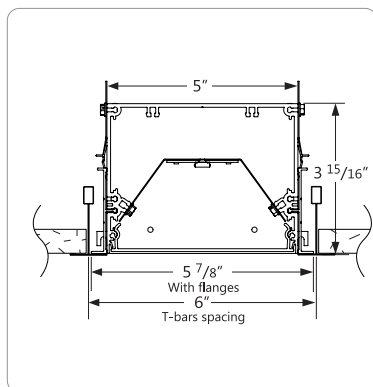


**Several in a
long blank
section**

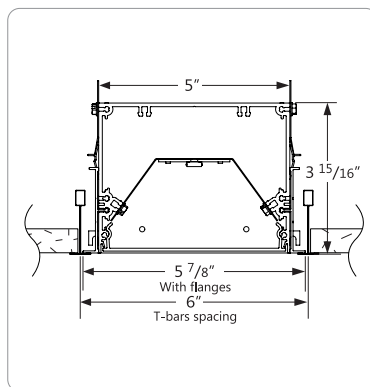


Base Type	GU 5.3
Beam Angle	40 nominal degrees
Input Watts	6W
Nominal Lumens	300 lumens
Efficacy	50 lumens per watt
Color Rendering Index (CRI)	85
Center Beam Candle Power (CBCP)	584 candelas
Life	25,000 hours at L ₇₀
Correlated color temperature (CCT)	3000K, 4000K
Adjustability	15° tilt

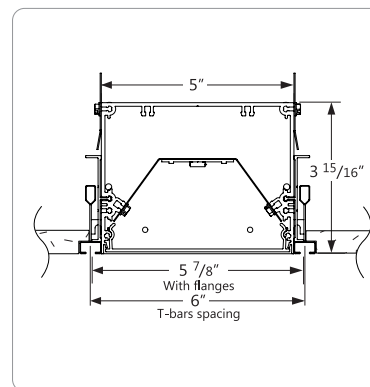
● TB CEILING MOUNTING OPTIONS



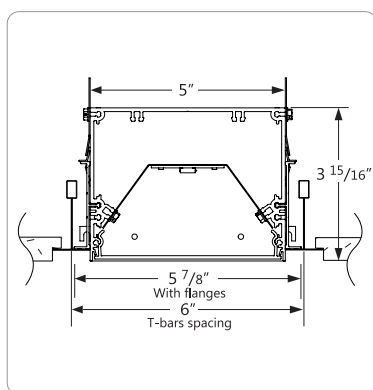
TB15 15/16" T-BAR



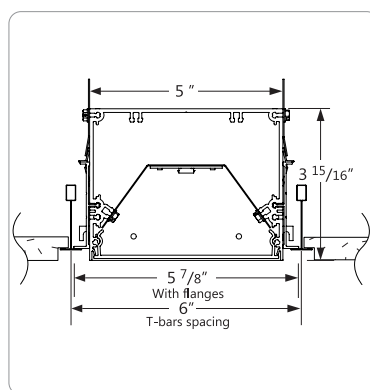
TB9 9/16" T-BAR



ST SCREW SLOT T-BAR

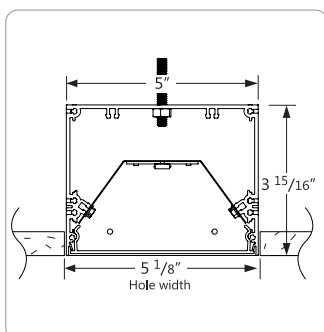


TG15 15/16" TEGULAR

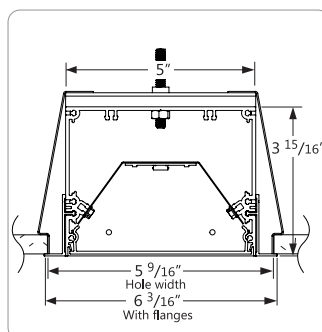


TG9 9/16" T-TEGULAR

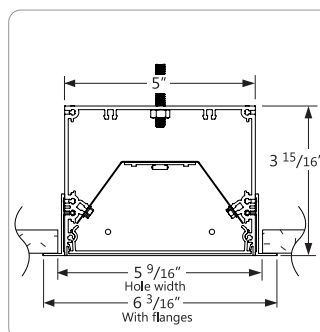
● DRYWALL CEILING MOUNTING OPTIONS



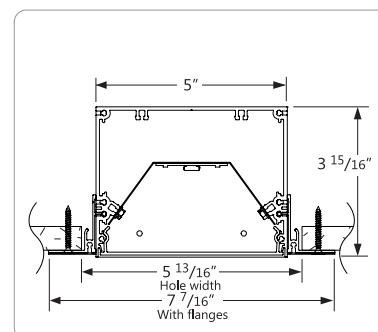
D FLANGELESS WITH
1/4-20 STUD MOUNTING



DB VISIBLE FLANGES WITH
SLIP-THROUGH BRACKET



DF VISIBLE FLANGES WITH
1/4-20 STUD MOUNTING



DS SPACKLE FLANGES

● OTHER MOUNTING OPTIONS

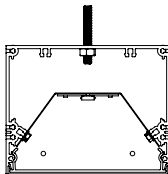
BEAM 6 LED is also available with pendant, surface, wall and recessed vertical mounted options.

i Specification sheets and installation sheets for all mountings for BEAM 6 LED luminaires are available for download at www.axislighting.com

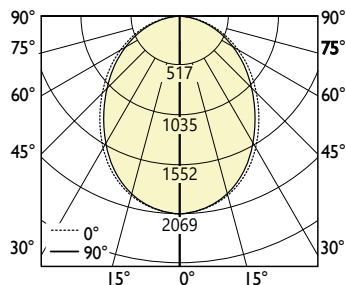
● PHOTOMETRIC DATA

FL Spotless lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4801 lm (for 4ft)
Input Watts: 37.4 W
Efficacy: 128 lm/W
 IES FILE: B6RLED-1200-80-35-FL-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2069	2069	2069	2069	2069
5	2054	2052	2049	2048	2048
15	1943	1933	1920	1909	1906
25	1738	1719	1692	1666	1656
35	1458	1436	1397	1358	1342
45	1142	1121	1078	1034	1017
55	825	807	768	728	713
65	527	515	487	460	449
75	272	266	255	242	237
85	76	74	71	68	67
90	4	4	4	3	3

ZONAL LUMENS

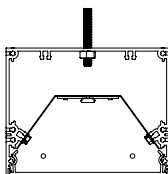
Zone	Lumens
0	
0-10	195
10-20	544
20-30	786
30-40	883
40-50	842
50-60	697
60-70	492
70-80	276
80-90	85
90	

LUMINANCE DATA (cd/m²)

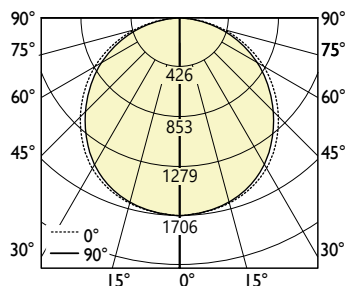
Vertical Angle	Horizontal Angles		
	0	45	90
45	10504	9913	9356
55	9357	8704	8087
65	8117	7497	6905
75	6831	6399	5945
85	5645	5324	4990

UB Ultra blend lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 40.3 W
Efficacy: 119 lm/W
 IES FILE: B6RLED-1200-80-35-UB-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1705	1705	1705	1705	1705
5	1695	1696	1698	1701	1702
15	1625	1631	1639	1646	1647
25	1495	1504	1519	1524	1529
35	1313	1326	1344	1349	1356
45	1099	1110	1131	1129	1134
55	836	868	882	882	886
65	575	606	620	623	626
75	325	343	363	367	373
85	102	114	133	143	144
90	3	13	27	37	39

ZONAL LUMENS

Zone	Lumens
0	
0-10	161
10-20	459
20-30	691
30-40	826
40-50	848
50-60	760
60-70	584
70-80	353
80-90	118
90	

LUMINANCE DATA (cd/m²)

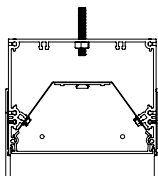
Vertical Angle	Horizontal Angles		
	0	45	90
45	10126	10414	10441
55	9494	10019	10064
65	8857	9556	9644
75	8190	9142	9391
85	7647	9928	10753

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

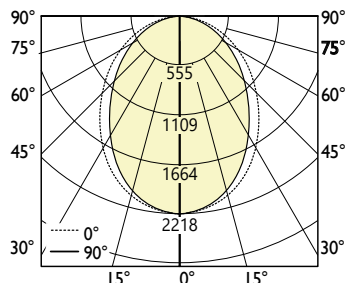
● PHOTOMETRIC DATA

RG Regressed lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4801 lm (for 4ft)
Input Watts: 39.4 W
Efficacy: 122 lm/W
 IES FILE: 6RLED-1200-80-35-RG-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2218	2218	2218	2218	2218
5	2205	2205	2206	2205	2207
15	2089	2090	2077	2064	2057
25	1870	1862	1822	1775	1757
35	1573	1554	1481	1405	1376
45	1237	1205	1112	1022	988
55	895	859	764	678	647
65	574	540	459	395	376
75	295	271	218	189	182
85	80	65	59	58	58
90	4	6	6	6	6

ZONAL LUMENS

Zone	Lumens
0	
0-10	208
10-20	580
20-30	827
30-40	911
40-50	845
50-60	674
60-70	453
70-80	236
80-90	66
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	11291	10153	9017
55	10076	8602	7288
65	8768	7006	5744
75	7357	5447	4539
85	5959	4357	4313

● PHOTOMETRIC DATA FOR LED DOWNLIGHT INSERT

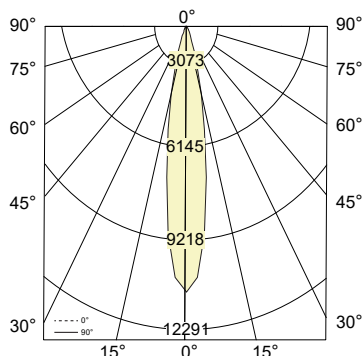
PERFORMANCE

	LUMENS	WATTS	EFFICACY
A18273G - NARROW	1717	21.01 W/ft	82 lm/W
A18273G - MEDIUM	1550	21.01 W/ft	89 lm/W
A18273G - WIDE	1550	21.01 W/ft	95 lm/W

ADM15 - NARROW

Narrow 12" diameter Plate with cob adj 15deg

PHOTOMETRIC CURVE



ACTUAL LUMEN: 1717 lm
INPUT WATTS: 21.01 W
EFFICACY: 82 lm/W
CRI: 90
 IES FILE: ADM15-NARROW.ies

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	12291	12291	12291	12291	12291
5	9640	9651	9602	9604	9653
10	4854	4920	4951	4978	5009
15	1991	2009	1998	1998	2011
20	732	737	724	706	701
25	348	350	351	353	353
30	203	206	211	214	215
35	141	143	147	150	151
40	106	108	111	112	114
45	76	78	78	78	78
50	36	37	37	36	36

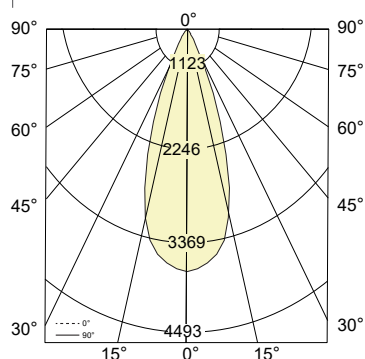
i All IES files for other lamping are available for download at: www.axislighting.com

● PHOTOMETRIC DATA FOR LED DOWNLIGHT INSERT

ADM36 - MEDIUM

Medium 12" diameter Plate with cob adj 36deg

PHOTOMETRIC CURVE



ACTUAL LUMEN: 1865 lm
INPUT WATTS: 21.01 W
EFFICACY: 89 lm/W
CRI: 90

IES FILE: ADM36-MEDIUM.ies

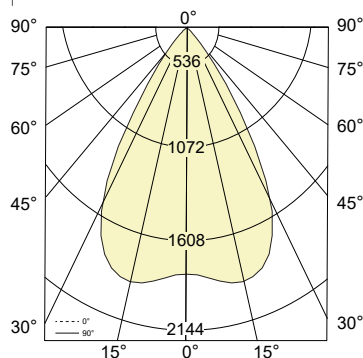
CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	4493	4493	4493	4493	4493
5	4347	4375	4375	4373	4398
10	3966	4000	3994	3986	4051
15	3041	3092	3108	3104	3182
20	1820	1871	1910	1927	1976
25	809	852	900	932	943
30	311	328	353	375	373
35	154	162	173	179	178
40	100	101	104	105	106
45	61	63	65	66	66
50	29	31	33	35	35

ADM60 - WIDE

Wide 12" diameter Plate with cob adj 60deg

PHOTOMETRIC CURVE



ACTUAL LUMEN: 1992 lm
INPUT WATTS: 21.01 W
EFFICACY: 95 lm/W
CRI: 90

IES FILE: ADM60-WIDE.ies

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2029	2029	2029	2029	2029
5	2072	2072	2073	2074	2067
10	2129	2132	2135	2136	2135
15	2103	2109	2112	2116	2123
20	1950	1957	1963	1965	1985
25	1606	1617	1627	1632	1667
30	1045	1058	1071	1077	1126
35	524	527	533	535	566
40	238	238	240	241	253
45	106	107	107	108	113
50	42	43	44	45	46

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