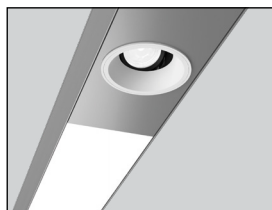


Flush shielding option



Adjustable downlight

Project _____

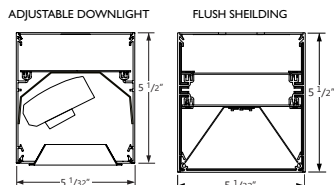
Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 4000K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
400 lm/ft	3.4 W/ft	117 lm/W
500 lm/ft	4.3 W/ft	116 lm/W
750 lm/ft	6.6 W/ft	113 lm/W
1000 lm/ft	9.0 W/ft	111 lm/W

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



A configuration drawing is required

See page 2



Ordering Guide

B6SLED									
PRODUCT ID		NOM. LUMENS/FT		CRI		COLOR TEMP.		SHIELDING	LENGTH
B6SLED	Beam 6 Surface	400 1000	400 lm/ft - Minimum 1000 lm/ft - Maximum	80 90	80 CRI* 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 DW3020 3000-2000 K - Dim to Warm TC1680 1650-8000 K - Color Tuning	SO spotless lens 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 color tuning. ** Not available with Bios.		Consult Axitune technical sheet for more information of color technology. *Consult BIOS guide for more information on BIOS technology		* Default lens for Color Tuning. Tunable white and BIOS. Consult factory for other lens.	

MR (OPTIONAL)	FINISH	VOLTAGE	DRIVER	CIRCUITS
M16(#) M16LED(#) M16LEDB(#)	AP aluminum paint W white BLK black C custom	120 120 V 277 277 V 347 347 V UNV universal DC low voltage*	DP dimming (0-10V) 1% LT(#) Lutron* BI bi-level dimming O(#) other** DPB(#) dimming (0-10V) 1% with Bios* TW(#) tunable white drivers* CT(#) color tuning drivers* POE(#) POE drivers*	1 1 circuit 2 2 circuits +E(#) emergency circuit* +NL(#) night light circuit* +GTD(#) generator transfer device* +M MR
*Specify quantity; Line wattage only; Separate circuits included **Consult factory; See page 4 for more details. MR16 constant current for 0-10V & DALI only Available in luminaires with Axitune and BIOS but downlight modules will not be tunable white, color tuning, or BIOS LEDs. (!) Only available in 3000K and 4000K.		* Only available with POE drivers.		*Specify quantity

MOUNTING/SUSPENSION	BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
SB9 surface TB/TG 9/16 SB15 surface TB/TG 15/16 SBS surface screw slot t-bar S surface drywall ceiling SC surface solid ceiling	B(#) battery pack 4' sections	F fuse* EF end feed FW(#) flex whip (6' std)	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. Not available with color tuning. Please consult factory.	*Requires 120V or 277V	*Please consult factory Specify quantity. Requires 8" blank. See integrated controls guide for more details. Not available with Color Tuning. Consult factory for Tunable White. Not available with DPB (DY) driver for BIOS with Dynamic Spectrum.	Please specify

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

ADJUSTABLE DOWNLIGHT MODULE QTY	TRIM	COLOR TEMP.	BEAM SPREAD	DOWNLIGHT FINISH
ADM(#) adjustable 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 48D 48 deg	BLK black W white
* Distance between downlight is minimum 12", 35° adjustability. See page 3 for more details. Compatible with DP driver only.		See page 2 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 LDE5 - 5-Series EcoSystem LTEA - Hi-lume 1% 2-wire (120V forward phase only) *Consult factory
Other drivers	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 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™ enabled 100% to 50%, light output dimming from 49% to 1%.
Tunable White TW drivers*	DALIT6 - DALI Type 6 (Two DALI Addresses) DALIT8 - DALI Type 8 (One DALI Address) LTTW - Lutron T-Series Tunable White
Color Tuning CT drivers*	DMX - Standard (required for full color control) LTA5 - Lutron Araya 5 Ecosystem DALIT8 - DALI Type 8 (Single DALI Address) DLM - Wattstopper DLM
Power over Ethernet POE drivers*	MOLEX IGOR UL2108 certified for integral or remote driver
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV, DC.

*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.

● 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.

● FINISH

Powder coated and custom finishes are also available.

● WEIGHT

Pendant 4 ft	16.3 lbs / 7.4 kg
Pendant 8 ft	32.6 lbs / 14.8 Kg
Pendant 12 ft	48.9 lbs / 22.2 Kg

● APPROVALS

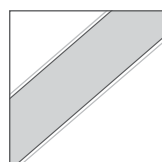
Certified to UL and CSA standards
Meets NYC requirements
Suitable for damp locations



● LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CRI BIOS	Minimum 80 color rendering index with R9>75 for all CCTs.
CRI Color Tuning	Minimum 90 color rendering index.
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™
	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 in operating ambient temperatures of 0-40°C (32-104°F).

● OPTICS



SO spotless lens
UB Ultra Blend Lens

SPOTLESS LENS

Frosted acrylic snap-in lens with micro lens

ULTRA BLEND LENS

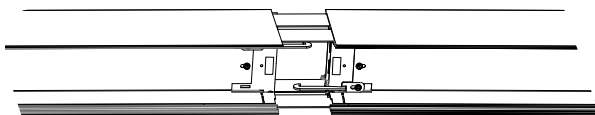
Frosted acrylic snap-in micro lens suitable for Tunable White and BIOS applications.

● 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.

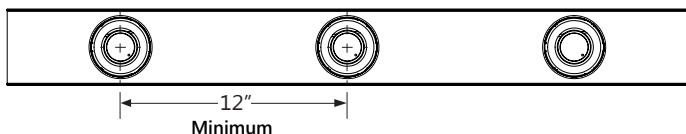
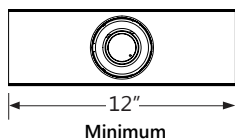
● JOINERS

In order to allow very long runs of BEAM6 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 BEAM6 LED option.



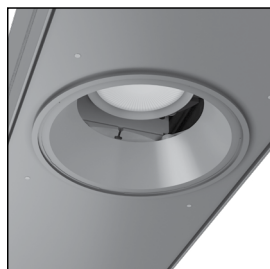
NOTE: Mount each system segment individually. Do not assemble system prior to mounting.

● ADJUSTABLE DOWNLIGHT



35 degree adjustability

● ADJUSTABLE DOWNLIGHT TRIM OPTIONS

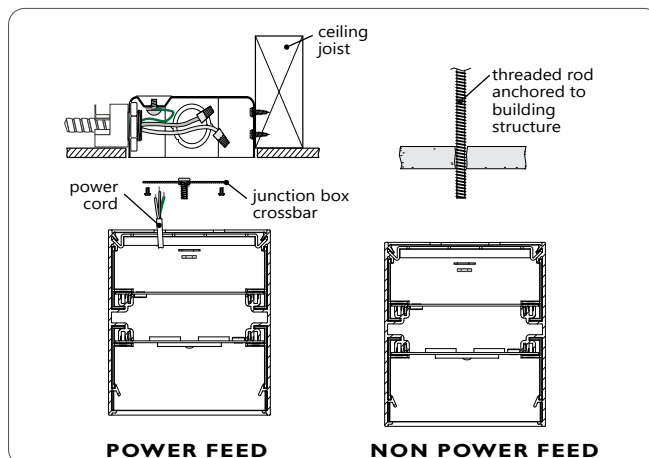


Adjustable Downlight - Cone

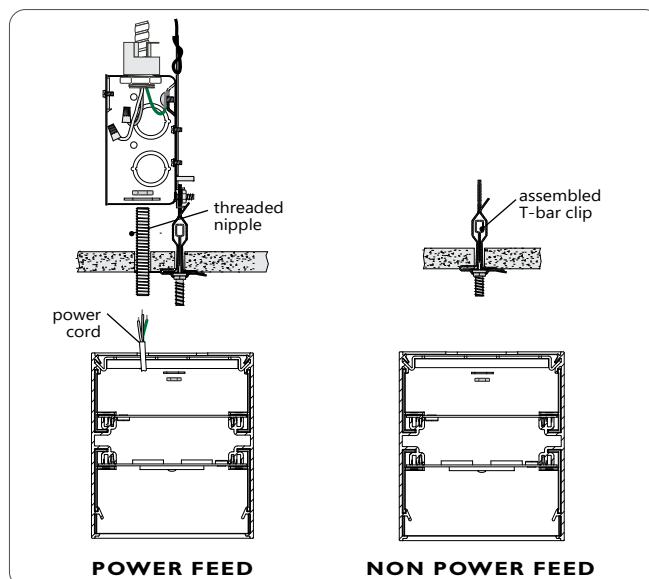


Adjustable Downlight - Pinhole

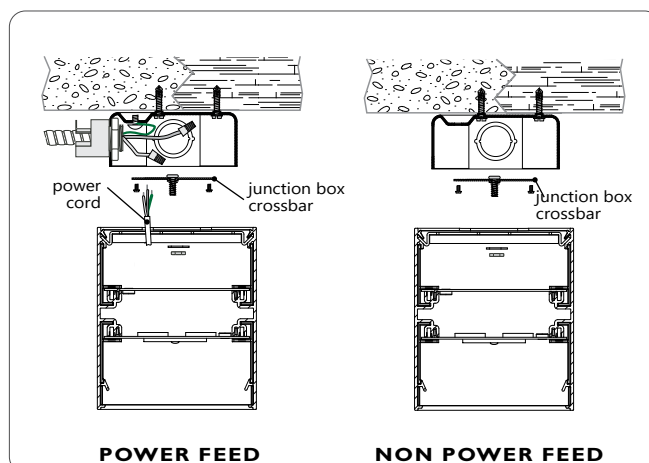
● CEILING MOUNTING OPTIONS



S SURFACE MOUNT DRYWALL CEILING



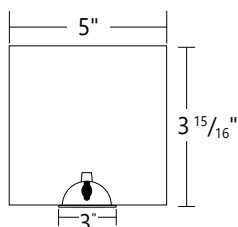
SB9 SB15 SBS SURFACE MOUNT T-BAR CEILING



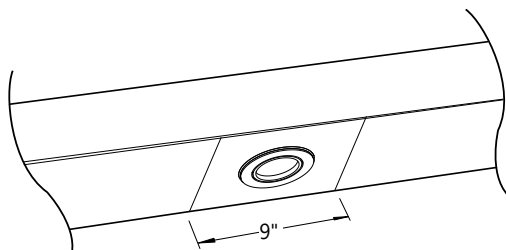
SC SURFACE MOUNT SOLID CEILING

● MR16 LED LAMPS

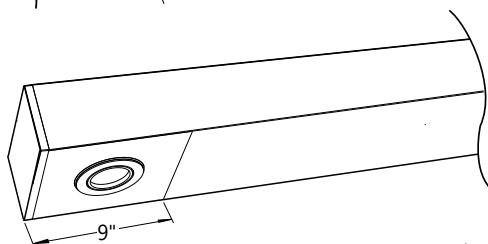
Blank	Extruded aluminum (0.075" nominal)
MR16 Halogens	Adjustable halogen lamp 35W / 50W (by others) - Line voltage dimming only
MR16 LED	Adjustable LED lamp (provided)- Line voltage dimming only
MR16 LEDB	Constant current LED lamp (provided)- Dimmable by control system for 0-10V DALI only
Quantity	For every 4' section, there may be up to a maximum of 4 x MR16 LED lamps.
Spacing	Each MR16 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.



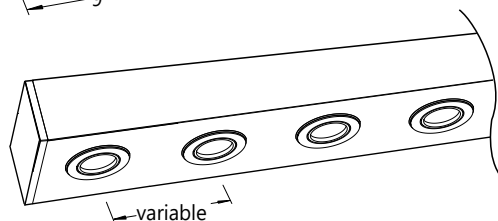
**Between
sections**



**At luminaire
ends**



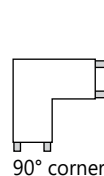
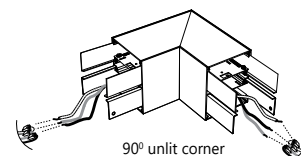
**Several in a
long blank
section**



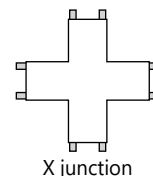
Base Type	GU 5.3
Beam Angle	40 nominal degrees
Input Watts	6W
Nominal Lumens	300 lumens
Efficacy	50 lumens per watt
Color Rendering Index (CRI)	85
Center Beam Candle Power (CBCP)	584 candelas
Life	25,000 hours at L ₇₀
Correlated color temperature (CCT)	2700K, 3000K
Adjustability	25° tilt

● CORNERS

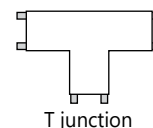
Unlit Corners - BEAM6 LED features a multitude of layout patterns with the use of a number of corners, 90° corner, T or X junctions.



90° corner

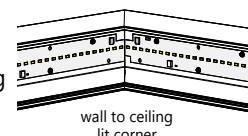


X junction



T junction

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



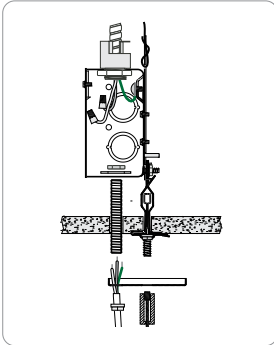
wall to ceiling
lit corner

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

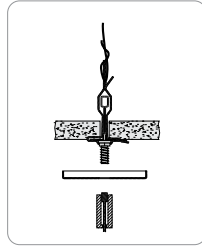
● OTHER MOUNTING OPTIONS

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

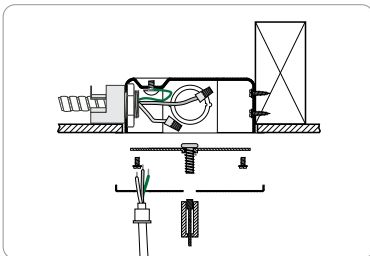
i Specification sheets and installation sheets for all mountings for BEAM6 LED luminaires are available for download at www.axislighting.com

● MOUNTING OPTIONS**CT TILE CEILING - ON GRID**

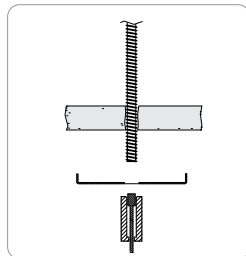
Power feed



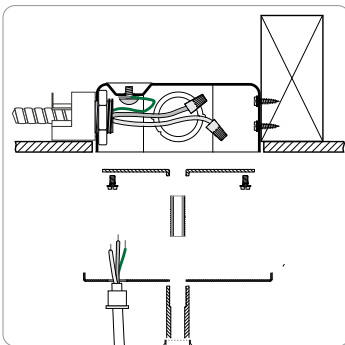
Non power feed

CA DRYWALL CEILING

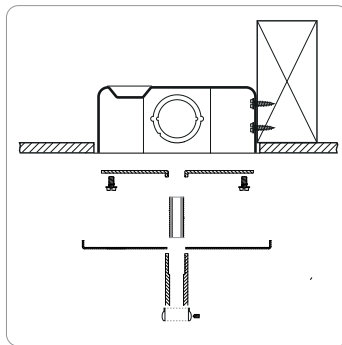
Power feed



Non power feed

SA STEM MOUNT IN DRYWALL CEILING

Power feed



Non power feed

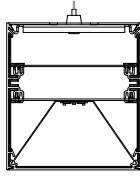
● OTHER MOUNTING OPTIONS

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

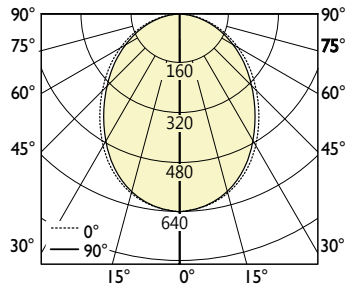
i Specification sheets and installation sheets for all mountings for BEAM6 LED luminaires are available for download at www.axislighting.com

● PHOTOMETRIC DATA

400 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 400 lm/ft
Input Watts: 3.6W/ft
Efficacy: 111 lm/W

IES FILE: B6DLED-400-80-40-SO.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	638	638	638	638	638
5	631	634	632	636	637
15	597	600	596	595	597
25	533	533	527	522	522
35	449	447	439	430	427
45	357	355	345	338	333
55	265	263	255	247	244
65	176	174	169	165	163
75	95	94	92	88	88
85	26	24	24	23	23
90	0	0	0	0	0

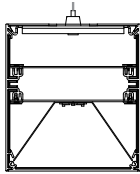
ZONAL LUMENS

Zone	Lumens
0	
0-10	60
10-20	168
20-30	242
30-40	274
40-50	267
50-60	228
60-70	168
70-80	97
80-90	27
90	

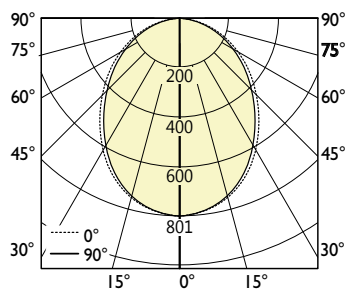
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	4050	3915	3780
55	3705	3560	3415
65	3339	3212	3085
75	2944	2852	2714
85	2391	2186	2118

500 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 500 lm/ft
Input Watts: 4.6 W/ft
Efficacy: 108 lm/W

IES FILE: B6DLED-500-80-40-SO.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	798	798	798	798	798
5	789	792	790	795	797
15	746	750	745	744	746
25	666	666	659	652	652
35	561	559	548	538	534
45	446	443	431	422	417
55	331	328	318	309	305
65	220	217	212	206	203
75	119	118	115	110	109
85	32	30	30	29	29
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	75
10-20	210
20-30	303
30-40	343
40-50	333
50-60	285
60-70	210
70-80	121
80-90	34
90	

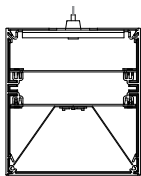
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	5062	4894	4725
55	4632	4450	4269
65	4173	4015	3856
75	3680	3565	3393
85	2989	2732	2647

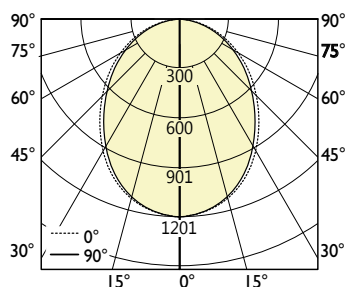
i All IES files for other lamping are available for download at: www.axislighting.com

● PHOTOMETRIC DATA

750 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 750 lm/ft
Input Watts: 7.4W/ft
Efficacy: 101 lm/W

IES FILE: B6DLED-750-80-40-SO.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1197	1197	1197	1197	1197
5	1183	1188	1186	1192	1195
15	1119	1124	1117	1116	1119
25	999	999	988	978	978
35	842	839	822	807	801
45	669	665	647	633	625
55	497	493	477	463	458
65	330	326	317	309	305
75	178	177	173	166	164
85	49	45	45	43	43
90	0	0	0	0	0

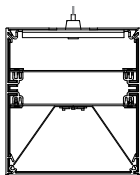
ZONAL LUMENS

Zone	Lumens
0	
0-10	113
10-20	315
20-30	455
30-40	514
40-50	500
50-60	427
60-70	315
70-80	182
80-90	52
90	

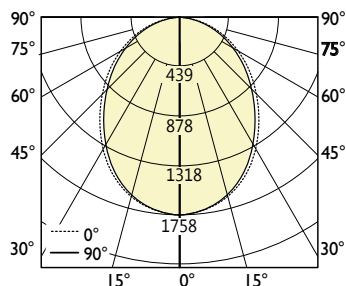
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	7593	7341	7088
55	6948	6675	6403
65	6260	6022	5784
75	5521	5348	5089
85	4483	4098	3970

1000 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 1000 lm/ft
Input Watts: 10.3 W/ft
Efficacy: 97 lm/W

IES FILE: B6DLED-1000-80-40-SO.IES
TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1596	1596	1596	1596	1596
5	1577	1584	1581	1590	1594
15	1492	1499	1490	1488	1492
25	1332	1332	1317	1304	1304
35	1122	1119	1096	1076	1069
45	892	887	863	844	833
55	662	657	636	618	610
65	440	434	423	412	406
75	237	236	230	221	219
85	65	59	59	58	58
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	150
10-20	420
20-30	606
30-40	686
40-50	667
50-60	570
60-70	419
70-80	242
80-90	69
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10124	9788	9451
55	9264	8900	8537
65	8347	8030	7713
75	7361	7131	6786
85	5977	5465	5294

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

● PHOTOMETRIC DATA FOR LED DOWNLIGHT INSERT

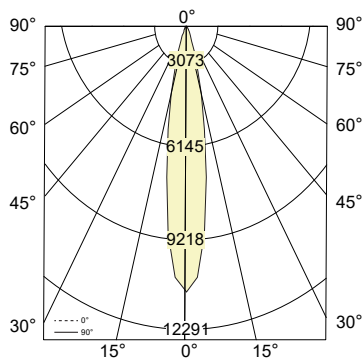
PERFORMANCE

	LUMENS	WATTS	EFFICACY
ADM15 - NARROW	1717	21.01 W/ft	82 lm/W
ADM36 - MEDIUM	1550	21.01 W/ft	89 lm/W
ADM60 - 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

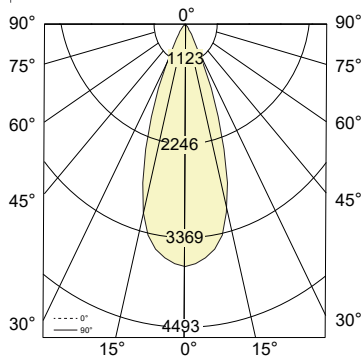
CANDELA DISTRIBUTION

	Horizontal Angles				
Vertical Angle	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

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

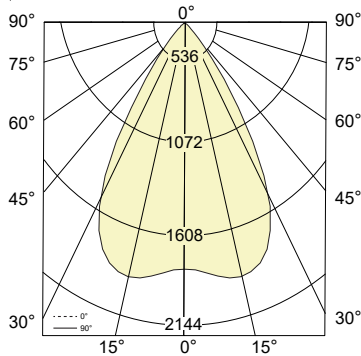
	Horizontal Angles				
Vertical Angle	0	22.5	45	67.5	90
0	4493	4493	4493	4493	4493
5	4347	4375	4375	4373	4398
10	3966	4000	3994	3986	4051
15	3041	3092	3108	3104	3182
20	1820	1871	1910	1927	1976
25	809	852	900	932	943
30	311	328	353	375	373
35	154	162	173	179	178
40	100	101	104	105	106
45	61	63	65	66	66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

● PHOTOMETRIC DATA FOR LED DOWNLIGHT INSERT

AMD60 - WIDE

Wide 12" diameter Plate with cob adj 60deg

PHOTOMETRIC CURVE



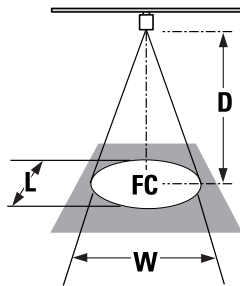
ACTUAL LUMEN: 1992 lm
INPUT WATTS: 21.01 W
EFFICACY: 95 lm/W
CRI: 90

IES FILE: ADM60-WIDE.ies

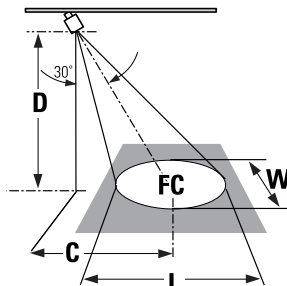
CANDELA DISTRIBUTION

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

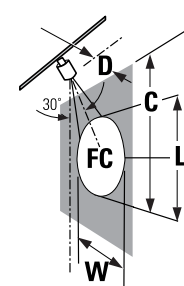
L = Beam Length
W = Beam Width
D = Distance
C = Distance to Center Beam
A = Aiming Angle
FC = Foot Candle



0° horizontal aiming angle



30° horizontal aiming angle



30° vertical aiming angle

Beam Spread		D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
 15°	Narrow	5'	0	360	5'	5'	5'	2.9'	230	5.7'	5.2'	2'	7.17'	341	6.7'	3.5'
		6'	0	257	5.4'	5.4'	6'	3.5'	167	6.2'	5.4'	3'	9.33'	129	7.9'	4.45'
		7'	0	192	5.6'	5.6'	7'	4.05'	125	6.3'	5.6'	4'	11.0'	80	8.4'	4.78'
		8'	0	148	5.7'	5.7'	8'	4.5'	98	6.7'	5.8'	5'	12.8'	54	8.7'	5.1'
		D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
 36°	Medium	5'	0	199	6.09'	6.09'	5'	2.9'	124	7.1'	6.4'	2'	7.13	310	6.7'	3.4'
		6'	0	136	6.78'	6.78'	6'	3.5'	87	7.7'	7.2'	3'	9.2'	113	7.9'	4.42'
		7'	0	98	7.34'	7.34'	7'	4.05'	64	8.3'	7.6'	4'	11'	71	8.3'	4.73'
		8'	0	75	7.72'	7.72'	8'	4.5'	49	8.9'	8'	5'	12.8'	47	8.8'	5.1'
		D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
 60°	Wide	5'	0	93	7.5'	7.5'	5'	2.9'	67	8.55'	7.8'	2'	7.6'	85	7.45'	5.9'
		6'	0	63	8.2'	8.2'	6'	3.5'	41	9.4'	8.9'	3'	8.91'	32	8.2'	7.1'
		7'	0	45	9.09'	9.09'	7'	4.05'	30	9.7'	9.4'	4'	8.9'	18	7.6'	7.6'
		8'	0	34	9.65'	9.65'	8'	4.5'	23	10'	9.8'	5'	9.2'	11	7.3'	7.9'
		D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W