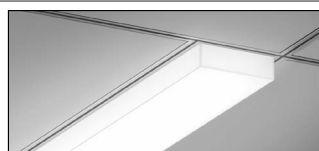
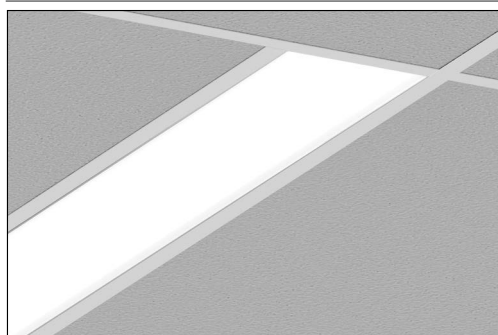
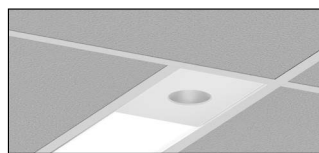


Beam 4 | Recessed mount

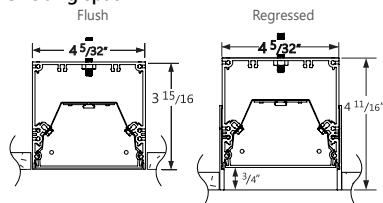


StepLens option



Downlight insert

Shielding option



Ordering Guide

BBRLED									
PRODUCT ID		NOM. LUMENS/FT		CRI		COLOR TEMP. (choose one)		SHIELDING	LENGTH
BBRLED Recessed LED		400	400 lm/ft - Minimum	80	80 CRI	27	2700 K	TW2750	2700-5000 K - Tunable White
		1000	1000 lm/ft - max for GZ, NW, WW, ASO.*	90	90 CRI*	30	3000 K	TW2765	2700-6500 K - Tunable White
						35	3500 K	BTW3527	3500-2700 K - Tunable BIOS
		1200	1200 lm/ft - Maximum			40	4000 K	BTW4027	4000-2700 K - Tunable BIOS
						B30	3000 K - BIOS*		
						B35	3500 K - BIOS*		
						B40	4000 K - BIOS*		
		Outputs between listed min and max are available. * 1000 lm/ft max. only for GZ, NW, WW and ASO. 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		All 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 (OPTIONAL)		FINISH	VOLTAGE	DRIVER		CIRCUITS	MOUNTING
CB21225(#)	Fixed LED 1-3/4" dia 1250lm 25deg*	W white	120 120 V	DP	dimming (0-10V) 1%	1 1 circuit	TB9 t-bar 9/16"
CB21234(#)	Fixed LED 1-3/4" dia 1250lm 34deg*	BLK black	277 277 V	LT(#)	Lutron*	2 2 circuits	TB15 t-bar 15/16"
CB21246(#)	Fixed LED 1-3/4" dia 1250lm 46deg*	C custom	347 347 V	BI	bi-level dimming	+E(#)	ST screw slot t-bar
CB20925(#)	Fixed LED 1-3/4" dia 900lm 25deg*		UNV universal	O(#)	other**	+NL(#)	TG9 t-bar 9/16"
CB20934(#)	Fixed LED 1-3/4" dia 900lm 34deg*		DC low voltage*	DPB(STC)	dimming (0-10V) 1% with BIOS*	+GTD(#)	TG15 t-bar 15/16"
CB20946(#)	Fixed LED 1-3/4" dia 900lm 46deg*			DPB(DYN)	Bio-dimming™ 100%-81% with BIOS*		DF drywall flange
M16LED(#)	MR16 LED lamp - Line voltage (by other)**			TW(#)	tunable white drivers*	+LDI	D drywall flangeless
M16LEDB(#)	MR16 LED lamp - Dimmable (provided)***			POE(#)	POE drivers*		DB slip-through bracket
Available in luminaires with Axitune and BIOS but downlight will not be tunable white or BIOS LEDs.		* Only available with POE drivers.		*See page 2 to specify system **Please consult factory; see page 2		*Specify quantity	* TX available with flush lens only
*Available in 3000K. Consult factory for other CCT's; see page 4.							
**Specify quantity; Available with 120V or 277V only; Line wattage only; Separate circuits included.							
***Consult factory; See page 3 for more details; Available with UNV, 120V or 277V only; MR16 constant current for 0-10V & DALI only. Available in 3000K or 4000K.							

BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)		CUSTOM (OPTIONAL)
B(#)	EF end feed FW flex whip (6' std)* CP Chicago plenum HD hold down clip**	DS(#)	daylight sensor	C custom
		OS(#)	occupancy sensor	
		DOS(#)	daylight & occupancy sensor	
		EN(#)	Enlighted integral *	
		ENR(#)	Enlighted remote **	
		WC(#)	wireless control dimming	
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. For StepLens use remote sensors only 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

Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY	SHIELDING
1200 lm/ft	9.6 W/ft	126 lm/W	0.25G
1200 lm/ft	9.5 W/ft	126 lm/W	0.5G
1200 lm/ft	9.3 W/ft	129 lm/W	1.5M
1200 lm/ft	9.3 W/ft	129 lm/W	1.5P
1200 lm/ft	9.7 W/ft	124 lm/W	FL
1200 lm/ft	9.7 W/ft	124 lm/W	RG
1000 lm/ft	9.5W/ft	111 lm/W	WW
1000 lm/ft	9.5W/ft	111 lm/W	ASO
1200 lm/ft	9.8 W/ft	122 lm/W	BW
1000 lm/ft	9.4 W/ft	144 lm/W	GZ
1000 lm/ft	9.8 W/ft	109 lm/W	NW
1200 lm/ft	10.4 W/ft	116 lm/W	UB

Please consult factory for custom lumen output and wattage.

Beam 4 | Recessed mount

● 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*	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - DALI Type 8 (One DALI Address)
Power over Ethernet POE drivers*	MOLEX IGOR SMARTENGINE O - Other (Consult factory)
Emergency	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.

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

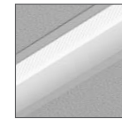
● DLC Approved Options



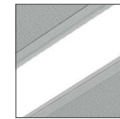
*Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.

LUMEN OUTPUT	CRI	COLOR TEMP.	SHIELDING	LENGTH	VOLTAGE	DRIVER
400 lm/ft	80	3000 K	FL	4'	universal	DP
600 lm/ft		3500 K		8'		
800 lm/ft		4000 K		12'		
1000 lm/ft						

● OPTICS



RG regressed



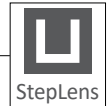
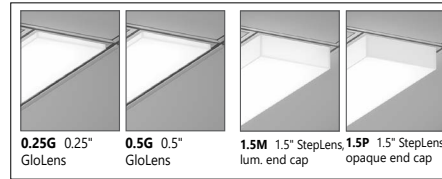
FL flush | UB Ultra Blend Lens

ULTRA BLEND LENS

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

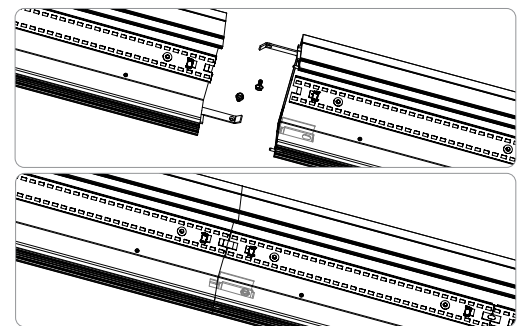
SPOTLESS LENS

Frosted acrylic snap-in micro lens. Used for FL, RG, ASO, BW, NW, GZ and WW shielding options.



● JOINERS

In order to allow very long runs of BEAM 4 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 4 LED option.



JOINER SYSTEM

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

● FINISHES

Powder coated and custom finishes are also available.

● SYSTEM (S#)

BEAM 4 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 4 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 4 LED installation sheets available for download at www.axislighting.com.

● WEIGHT

Recessed LED 4ft	14.5 lbs / 6.6 kg
Recessed LED 8ft	29.0 lbs / 13.2 kg
Recessed LED 12ft	43.5 lbs / 19.7 kg

● APPROVALS

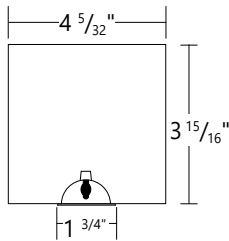
Certified to UL and CSA standards
Meets NYC requirements
Meets CCEC requirements (Chicago plenum)
Suitable for damp locations
IC Rated (Insulated ceiling)



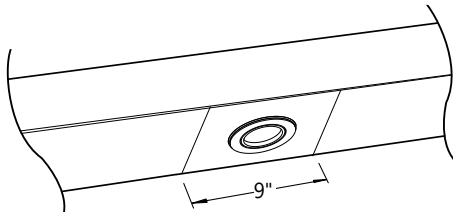
Beam 4 | Recessed mount

● MR16 LED LAMPS

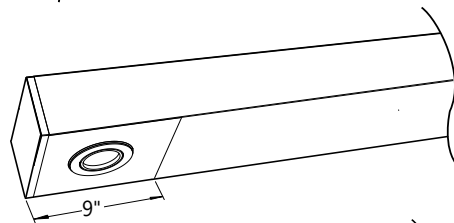
Blank	Extruded aluminum (0.075" nominal)
MR16 LED	Adjustable LED lamp (provided)
MR16 LEDB	Constant current LED lamp (provided)- Dimmable by control system for 0-10V & DALI only
Quantity	For every 4' section, there may be up to a maximum of 4 x MR16 LED lamps.
Spacing	Each MR16 is placed centered on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



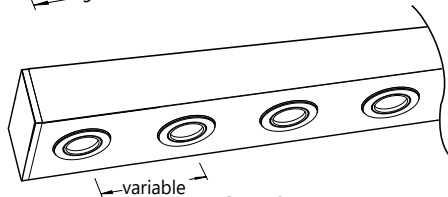
Between sections



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

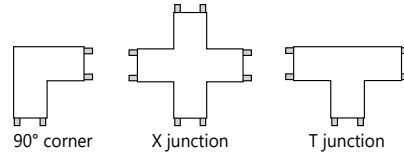
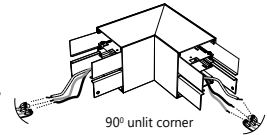
i More options are available upon request. Please consult factory.

● WARRANTY

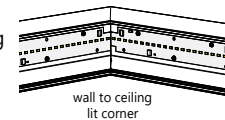
Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

● CORNERS

Unlit Corners - BEAM 4 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.



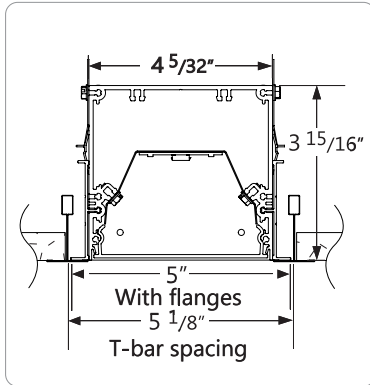
i For custom corner angles, please consult factory. Specifications sheets for all corners are available at: www.axislighting.com
*For StepLens please consult factory.

● LED SYSTEM

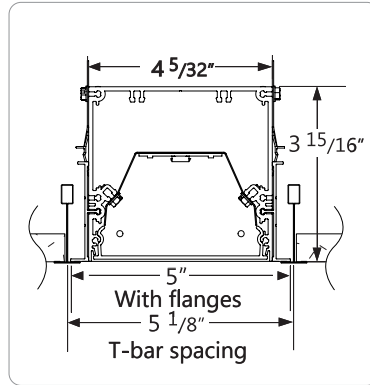
CRI	Minimum 80 or 90 color rendering index.
CRI BIOS	Minimum 80 color rendering index with R9>75 for all CCTs.
CCT Single Color	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
CCT BIOS	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).

Beam 4 | Recessed mount

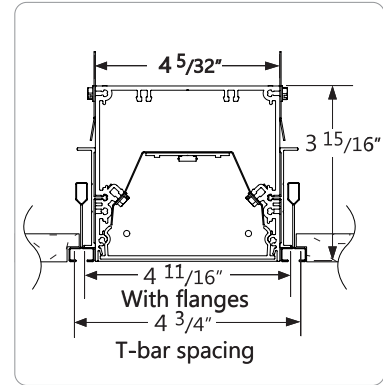
● TB CEILING MOUNTING OPTIONS



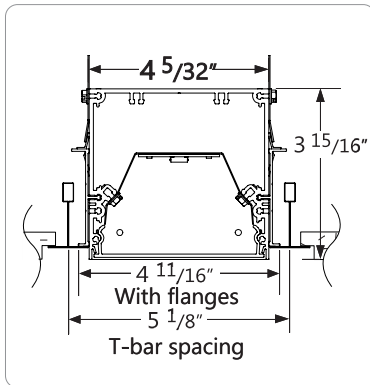
TB15 15/16" T-BAR



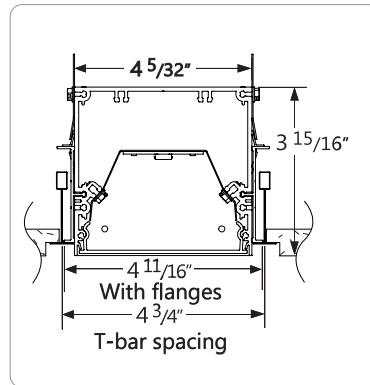
TB9 9/16" T-BAR



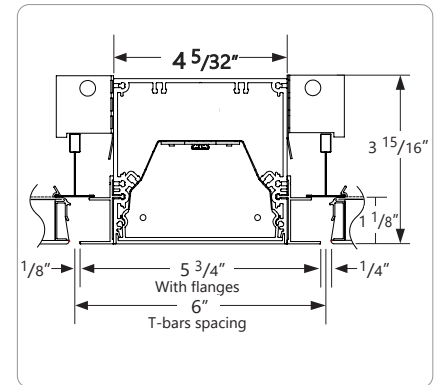
ST SCREW SLOT T-BAR



TG15 15/16" TEGULAR

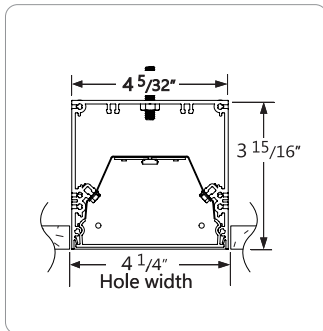


TG9 9/16" T-TEGULAR

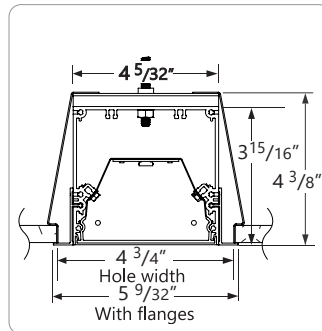


TX TX HUNTER DOUGLAS TECHSTYLE

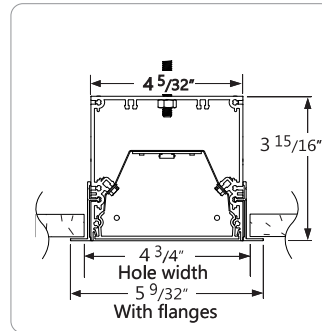
● DRYWALL CEILING MOUNTING OPTIONS



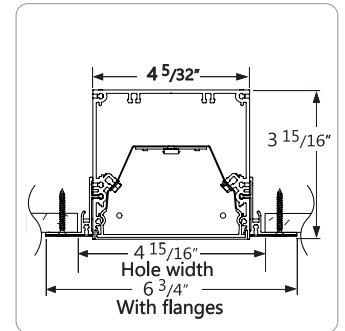
D FLANGELESS WITH 1/4-20 STUD MOUNTING



DB VISIBLE FLANGES WITH SLIP-THROUGH BRACKET



DF VISIBLE FLANGES WITH 1/4-20 STUD MOUNTING



DS SPACKLE FLANGES

● OTHER MOUNTING OPTIONS

BEAM 4 LED is also available with pendant, surface, wall and recessed wall mounted options.

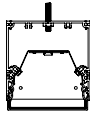
i Specification sheets and installation sheets for all mountings for BEAM 4 LED luminaires are available for download at www.axislighting.com

Beam 4 | Recessed mount

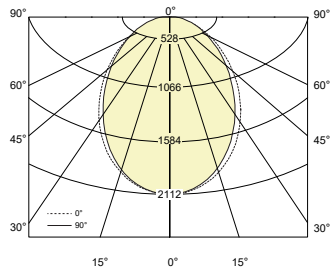
● PHOTOMETRIC DATA

0.25G 0.25" Glo lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 38.2 W
Efficacy: 126 lm/W
 IES FILE: BBRLED-1200-80-35-0.25G-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	2112	2112	2112	2112	2112
5	2102	2102	2102	2101	2099
15	1996	1994	1982	1967	1958
25	1787	1779	1747	1710	1693
35	1497	1483	1436	1382	1357
45	1165	1152	1101	1045	1020
55	833	825	786	742	724
65	529	530	512	488	478
75	274	285	291	289	287
85	84	101	121	133	136
90	12	32	54	69	74

ZONAL LUMENS

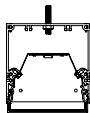
Zone	Lumens
0	
0-10	198
10-20	552
20-30	789
30-40	875
40-50	823
50-60	677
60-70	483
70-80	287
80-90	116
90	

LUMINANCE DATA (cd/m²)

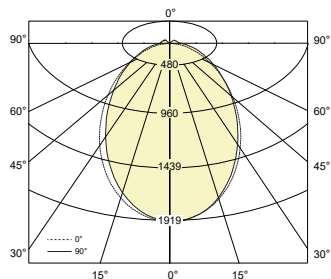
Vertical Angle	Horizontal Angles		
	0	45	90
45	13797	13039	12075
55	12164	11471	10562
65	10472	10139	9467
75	8862	9405	9281
85	8029	11617	13111

0.5G 0.5" Glo lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4799 lm (for 4ft)
Input Watts: 38 W
Efficacy: 126 lm/W
 IES FILE: BBRLED-1200-80-35-0.5G-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1916	1916	1916	1916	1916
5	1908	1910	1910	1910	1911
15	1804	1809	1806	1799	1796
25	1606	1611	1600	1578	1568
35	1337	1344	1326	1300	1285
45	1037	1049	1036	1012	999
55	744	761	761	748	740
65	477	503	518	519	517
75	255	286	317	333	336
85	84	118	157	182	189
90	17	52	91	117	125

ZONAL LUMENS

Zone	Lumens
0	
0-10	198
10-20	552
20-30	789
30-40	875
40-50	823
50-60	677
60-70	483
70-80	287
80-90	116
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	12274	12268	11832
55	10855	11111	10796
65	9446	10252	10247
75	8246	10239	10868
85	8029	15113	18141

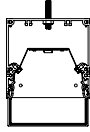
i All IES files are available for download at: www.axislighting.com

Beam 4 | Recessed mount

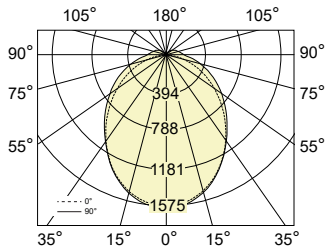
● PHOTOMETRIC DATA

1.5M 1.5" Step lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 37.1 W
Efficacy: 129 lm/W

IES FILE: BBRLED-1200-80-35-1.5M-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1575	1575	1575	1575	1575
5	1567	1566	1567	1569	1570
15	1482	1487	1495	1498	1497
25	1320	1332	1345	1344	1343
35	1104	1129	1147	1155	1155
45	869	906	940	955	960
55	638	687	734	764	773
65	422	481	541	583	597
75	236	298	368	415	430
85	86	153	227	274	287
90	31	98	170	216	229

ZONAL LUMENS

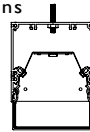
Zone	Lumens
0	
0-10	149
10-20	417
20-30	609
30-40	702
40-50	702
50-60	630
60-70	506
70-80	358
80-90	219
90	

LUMINANCE DATA (cd/m²)

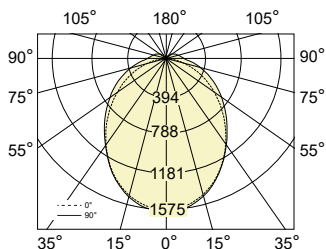
Vertical Angle	Horizontal Angles		
	0	45	90
45	10288	11130	11360
55	9312	10711	11286
65	8356	10716	11817
75	7628	11896	13893
85	8286	21778	27606

1.5P 1.5" Opaque Step lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 37.1 W
Efficacy: 129 lm/W

IES FILE: BBRLED-1200-80-35-1.5P-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1575	1575	1575	1575	1575
5	1567	1566	1567	1569	1570
15	1482	1487	1495	1498	1497
25	1320	1332	1345	1344	1343
35	1104	1129	1147	1155	1155
45	869	906	940	955	960
55	638	687	734	764	773
65	422	481	541	583	597
75	236	298	368	415	430
85	86	153	227	274	287
90	31	98	170	216	229

ZONAL LUMENS

Zone	Lumens
0	
0-10	149
10-20	417
20-30	609
30-40	702
40-50	702
50-60	630
60-70	506
70-80	358
80-90	219
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10288	11130	11360
55	9312	10711	11286
65	8356	10716	11817
75	7628	11896	13893
85	8286	21778	27606

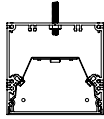
i All IES files are available for download at: www.axislighting.com

Beam 4 | Recessed mount

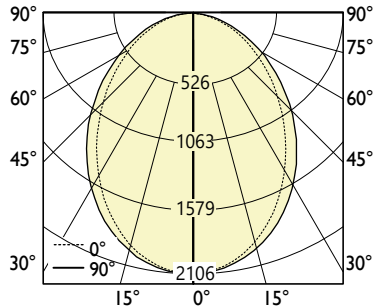
● PHOTOMETRIC DATA

FL Flush lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 38.7 W
Efficacy: 124 lm/W

IES FILE: BBRLED-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	2106	2106	2106	2106	2106
5	2096	2093	2091	2089	2088
15	1989	1983	1969	1953	1945
25	1781	1767	1737	1702	1686
35	1495	1478	1434	1386	1364
45	1171	1155	1108	1056	1033
55	845	833	793	748	730
65	542	536	509	478	465
75	283	283	272	258	252
85	84	85	84	80	79
90	6	7	7	7	7

ZONAL LUMENS

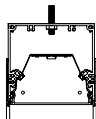
Zone	Lumens
0	
0-10	198
10-20	551
20-30	791
30-40	884
40-50	838
50-60	692
60-70	488
70-80	275
80-90	84
90	

LUMINANCE DATA (cd/m²)

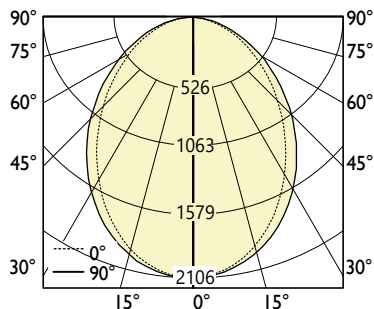
Vertical Angle	Horizontal Angles		
	0	45	90
45	13867	13117	12235
55	12338	11567	10649
65	10740	10085	9212
75	9146	8792	8142
85	8065	8042	7592

RG Regressed lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 38.7 W
Efficacy: 124 lm/W

IES FILE: BBRLED-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	2106	2106	2106	2106	2106
5	2096	2093	2091	2089	2088
15	1989	1983	1969	1953	1945
25	1781	1767	1737	1702	1686
35	1495	1478	1434	1386	1364
45	1171	1155	1108	1056	1033
55	845	833	793	748	730
65	542	536	509	478	465
75	283	283	272	258	252
85	84	85	84	80	79
90	6	7	7	7	7

ZONAL LUMENS

Zone	Lumens
0	
0-10	198
10-20	551
20-30	791
30-40	884
40-50	838
50-60	692
60-70	488
70-80	275
80-90	84
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	13867	13117	12235
55	12338	11567	10649
65	10740	10085	9212
75	9146	8792	8142
85	8065	8042	7592

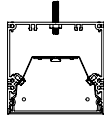
i All IES files are available for download at: www.axislighting.com

Beam 4 | Recessed mount

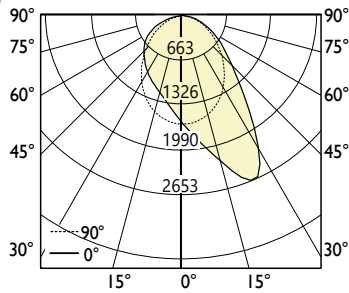
● PHOTOMETRIC DATA

WW Wallwash lens

1000 lm/ft



PHOTOMETRIC CURVE



CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1608	1608	1608	1608	1608
5	1599	1672	1738	1786	1783
15	1507	1737	1999	2212	2261
25	1324	1727	2250	2574	2638
35	1078	1582	2048	1830	1721
45	812	1256	1401	1089	1026
55	563	849	857	692	676
65	349	496	492	417	415
75	169	225	223	196	198
85	30	41	44	39	44
90	2	2	2	2	4

ZONAL LUMENS

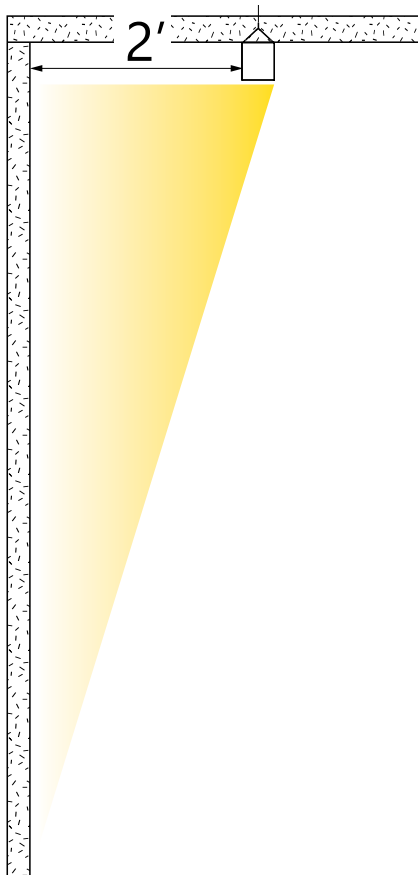
Zone	Lumens
0	
0-10	154
10-20	462
20-30	742
30-40	832
40-50	747
50-60	599
60-70	419
70-80	220
80-90	52
90	

LUMINANCE DATA (cd/m²)

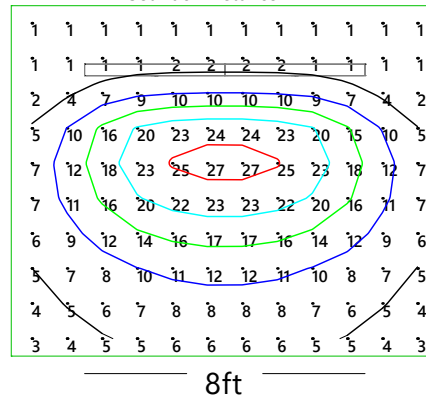
Vertical Angle	Horizontal Angles		
	0	45	90
45	9406	16231	11891
55	8037	12238	9662
65	6763	9532	8052
75	5338	7059	6258
85	2803	4134	4099

Lumen/ft: 1000 lm/ft
 Total Lumens: 4227 lm (for 4ft)
 Input Watts: 38 W
 Efficacy: 111 lm/W
 IES FILE: BBRLED-1000-80-35-WW-4.IES

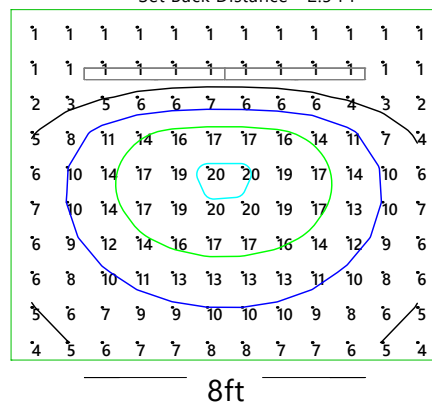
TESTED ACCORDING TO IES LM-79-2008



2ft Front View- Point by Point on Wall
 Set Back Distance - 2 FT



2.5ft Front View- Point by Point on Wall
 Set Back Distance - 2.5 FT



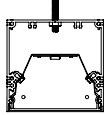
i All IES files are available for download at: www.axislighting.com

Beam 4 | Recessed mount

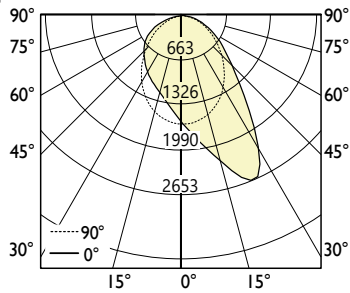
● PHOTOMETRIC DATA

ASO Asymmetric Lens

1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1000 lm/ft
Total Lumens: 4227 lm (for 4ft)
Input Watts: 38 W
Efficacy: 111 lm/W
 IES FILE: BBRLED-1000-80-35-ASO-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1608	1608	1608	1608	1608
5	1599	1672	1738	1786	1783
15	1507	1737	1999	2212	2261
25	1324	1727	2250	2574	2638
35	1078	1582	2048	1830	1721
45	812	1256	1401	1089	1026
55	563	849	857	692	676
65	349	496	492	417	415
75	169	225	223	196	198
85	30	41	44	39	44
90	2	2	2	2	4

ZONAL LUMENS

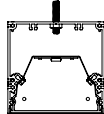
Zone	Lumens
0	
0-10	154
10-20	462
20-30	742
30-40	832
40-50	747
50-60	599
60-70	419
70-80	220
80-90	52
90	

LUMINANCE DATA (cd/m²)

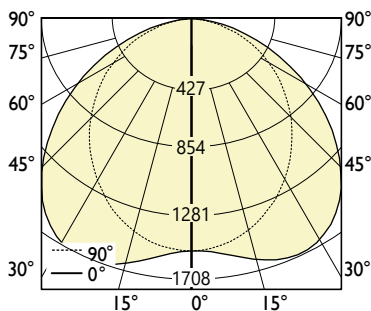
Vertical Angle	Horizontal Angles		
	0	45	90
45	9406	16231	11891
55	8037	12238	9662
65	6763	9532	8052
75	5338	7059	6258
85	2803	4134	4099

BW Batwing lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 39.2 W
Efficacy: 122 lm/W

IES FILE: BBRLED-1200-80-35-BW-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1395	1395	1395	1395	1395
5	1388	1383	1388	1395	1399
15	1317	1333	1413	1493	1525
25	1183	1246	1435	1590	1642
35	1011	1117	1386	1566	1614
45	823	945	1240	1400	1430
55	627	736	1005	1117	1123
65	425	504	705	762	747
75	226	270	379	396	382
85	49	66	99	103	98
90	4	7	11	12	12

ZONAL LUMENS

Zone	Lumens
0	
0-10	135
10-20	410
20-30	667
30-40	848
40-50	903
50-60	817
60-70	606
70-80	330
80-90	83
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	9742	14682	16931
55	9152	14668	16386
65	8413	13972	14806
75	7303	12259	12345
85	4741	9556	9394

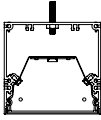
i All IES files are available for download at: www.axislighting.com

Beam 4 | Recessed mount

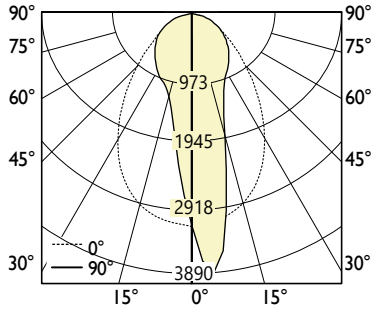
● PHOTOMETRIC DATA

GZ Graze lens

1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1000 lm/ft
Total Lumens: 4286 lm (for 4ft)
Input Watts: 37.6 W
Efficacy: 114 lm/W

IES FILE: BBRLED-1000-80-35-GZ-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	3198	3198	3198	3198	3198
5	3160	3529	3781	3876	3890
15	2981	3569	2861	2211	1935
25	2553	2656	1559	1223	1149
35	1895	1742	1046	964	952
45	1220	1133	790	785	780
55	719	709	575	595	601
65	404	412	372	403	418
75	185	193	184	212	225
85	35	39	40	51	48
90	2	2	2	2	2

ZONAL LUMENS

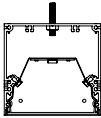
Zone	Lumens
0	
0-10	286
10-20	633
20-30	736
30-40	747
40-50	678
50-60	552
60-70	391
70-80	210
80-90	52
90	

LUMINANCE DATA (cd/m²)

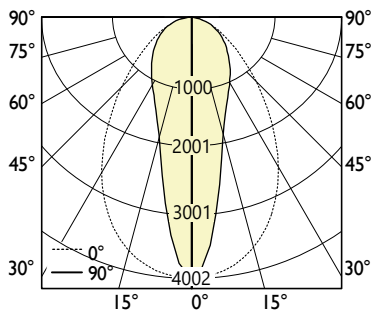
Vertical Angle	Horizontal Angles		
	0	45	90
45	14136	9150	9034
55	10274	8220	8582
65	7825	7207	8103
75	5871	5834	7129
85	3302	3798	4525

NW Narrow lens

1000 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1000 lm/ft
Total Lumens: 4260 lm (for 4ft)
Input Watts: 39.1 W
Efficacy: 109 lm/W

IES FILE: BBRLED-1000-80-35-NW-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	4002	4002	4002	4002	4002
5	3960	3903	3669	3459	3261
15	3606	2962	2108	1737	1600
25	2877	1986	1334	1199	1171
35	1971	1339	1004	988	982
45	1200	914	766	783	789
55	682	596	548	584	602
65	376	357	350	390	412
75	173	172	174	203	215
85	34	36	38	49	48
90	2	2	2	2	2

ZONAL LUMENS

Zone	Lumens
0	
0-10	317
10-20	645
20-30	744
30-40	746
40-50	663
50-60	529
60-70	369
70-80	197
80-90	49
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	13901	8881	9137
55	9736	7827	8605
65	7293	6782	7978
75	5491	5509	6797
85	3166	3617	4467

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

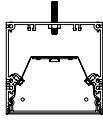
Beam 4

Recessed mount

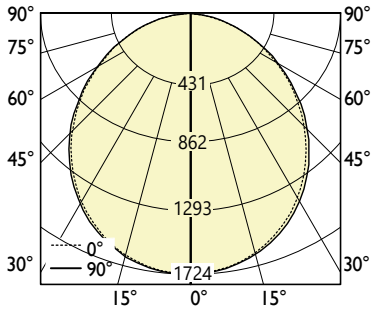
● PHOTOMETRIC DATA

UB Ultra blend lens

1200 lm/ft



PHOTOMETRIC CURVE



Lumen/ft: 1200 lm/ft
Total Lumens: 4800 lm (for 4ft)
Input Watts: 41.5 W
Efficacy: 116 lm/W

IES FILE: BBRLED-1200-80-35-UB-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

	Horizontal Angles					
Vertical Angle	0	22.5	45	67.5	90	
0	1724	1724	1724	1724	1724	1724
5	1718	1719	1721	1721	1721	1721
15	1651	1655	1659	1659	1659	1659
25	1522	1528	1532	1532	1530	1530
35	1338	1346	1350	1349	1347	1347
45	1116	1125	1128	1125	1123	1123
55	864	874	877	874	872	872
65	594	604	609	608	606	606
75	327	338	345	346	346	346
85	102	109	115	116	116	116
90	9	13	16	15	15	15

ZONAL LUMENS

	Lumens
Zone	
0	
0-10	163
10-20	464
20-30	695
30-40	827
40-50	846
50-60	754
60-70	569
70-80	335
80-90	105
90	

LUMINANCE DATA (cd/m²)

	Horizontal Angles		
Vertical Angle	0	45	90
45	13211	13360	13290
55	12607	12803	12720
65	11766	12064	12006
75	10583	11168	11183
85	9829	11021	11133

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