



Project _____

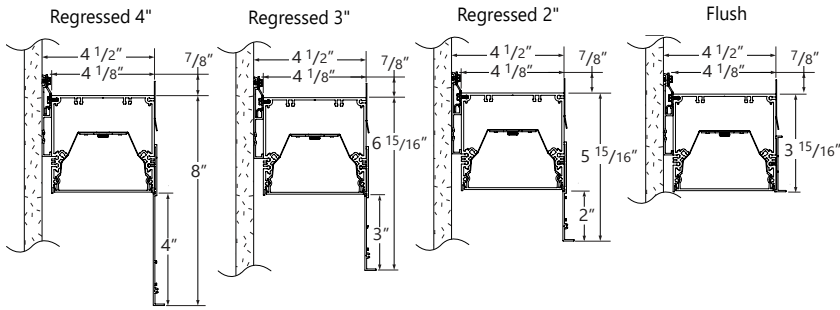
Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY	SHIELDING
1200 lm/ft	9.7 W/ft	124 lm/W	SO-FL
1200 lm/ft	10.4 W/ft	116 lm/W	UB-FL
1000 lm/ft	9.4 W/ft	114 lm/W	GZ-FL

Please consult factory for custom lumen output and wattage.



Ordering Guide

BBPRLD											
PRODUCT ID		NOM. LUMENS/FT		CRI		COLOR TEMP. (choose one)		SHIELDING			
BBPRLD	Perimeter	400	400 lm/ft - Minimum	80	80 CRI	27	2700 K	TW2750	2700-5000 K - Tunable White	SO	Spotless lens
	Recessed LED	1000	1000 lm/ft - max for GZ.*	90	90 CRI*	30	3000 K	TW2765	2700-6500 K - Tunable White	UB	Ultra blend lens*
		1200	1200 lm/ft - Maximum			35	3500 K	BTW3527	3500-2700 K - Tunable BIOS	GZ	Graze
						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. 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 BIOS (B30, B35, B40, BTW3527, BTW4027) is not available with Telescopic.		* Default lens for Tunable white and BIOS. ** Only available with flush (FL) Shielding Position. Consult factory for other lens.			

SHIELDING POSITION	TOTAL LENGTH	FINISH	VOLTAGE	DRIVER	CIRCUITS	MOUNTING
FL flush	L total length	W white	120 120 V	DP dimming (0-10V) 1%	1 1 circuit	TB9 t-bar 9/16"
RG2 regressed 2"		C custom	277 277 V	LT(#) Lutron*	2 2 circuits	TB15 t-bar 15/16"
RG3 regressed 3"			347 347 V	BI bi-level dimming	+E(#) emergency circuit*	ST screw slot t-bar
RG4 regressed 4"			UNV universal	O(#) other**	+NL(#) night light circuit*	TG9 tegular 9/16"
			DC low voltage*	DPB(STC) dimming (0-10V) 1% with BIOS*	+GTD(#) generator transfer device*	TG15 tegular 15/16"
				DPB(DYN) Bio-dimming™ 100%-81% with BIOS*		DF drywall flange
				TW(#) tunable white drivers*		DS drywall spackle flange
				POE(#) POE drivers*		
Min total length 2'		* Only available with POE drivers.		*See page 2 to specify system **Please consult factory; see page 2	*Specify quantity	TS section requires min length of 4'. Available on patterns. Recommended for longer runs or if exact perimeter length is not available. See page 2 for more details.

END CAP	TYPE (OPTIONAL)	BATTERY (OPTIONAL)	OTHER (OPTIONAL)	CUSTOM (OPTIONAL)
ECR2 end cap for regressed 2"***	TS(#) telescopic sections	B(#) battery pack 4' sections	EF end feed	C custom
ECR3 end cap for regressed 3"***			FW flex whip (6' std)*	
ECR4 end cap for regressed 4"****			CP Chicago plenum	
ECFL end cap flush with lens				
* Only available with RG2 regressed position ** Only available with RG3 regressed position *** Only available with RG4 regressed position See page 4 for additional information.		TS section requires min length of 4'. Available on patterns. Recommended for longer runs or if exact perimeter length is not available. See page 2 for more details. Not available with BIOS - B30, B35, B40, BTW3527, BTW4027.	Not available with 347V Please consult factory	* Other lengths available; please consult factory. Please specify

● SPECIFICATIONS

CONSTRUCTION

Housing	Extruded aluminum (0.075" nominal) Up to 70% recycled content
End Cap	Cast aluminum
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)
Spackle Flange	Extruded aluminum (0.070")
All Flanges	Extruded aluminum (0.070" nominal)

● 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

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



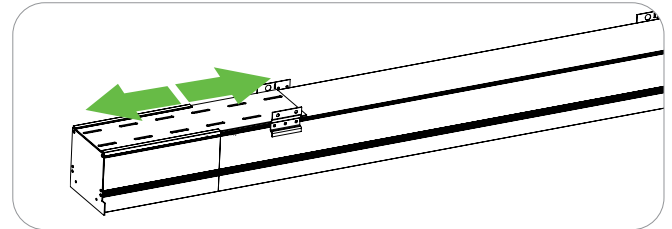
*Check the latest update on the DLC website for complete information. Not all versions may be DLC qualified.

● 7" TELESCOPIC ADJUSTMENT

Beam4 LED Perimeter system feature a patented telescopic sliding LED board design that allows runs to be field cut to facilitate installation and specification.

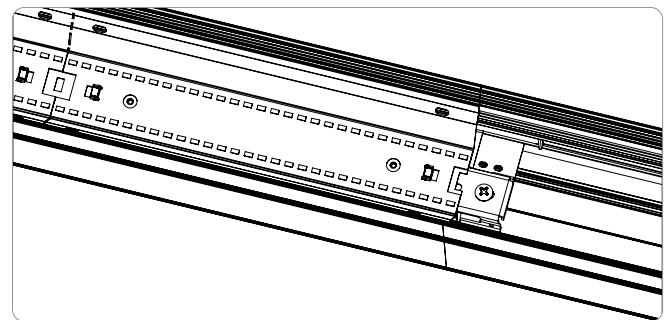
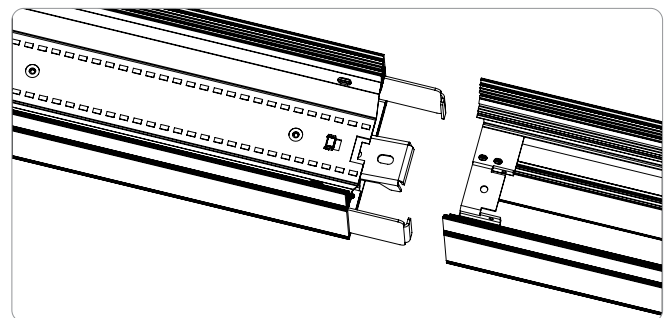
NOTE: Miter saw with aluminum cutting blade required on site for telescopic adjustments. If a 2nd telescopic section is required, minimum length is 8'.

EXAMPLE: Telescopic adjustment 7" (+4"/-3"). If a 10' 6" (126") fixture is specified, adjustable lengths with (1) TS section are between 123"-130".



● JOINERS

BEAM4 Perimeter LED has steel joiners with wedge alignment for easy installation.



JOINER SYSTEM

● WEIGHT

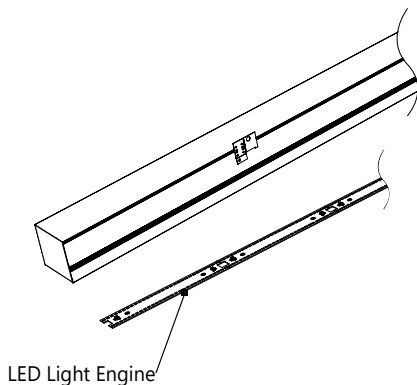
Perimeter LED 4ft	14.5 lbs / 6.6 kg
Perimeter LED 8ft	29.0 lbs / 13.2 kg
Perimeter LED 12ft	43.5 lbs / 19.7 kg

● APPROVALS

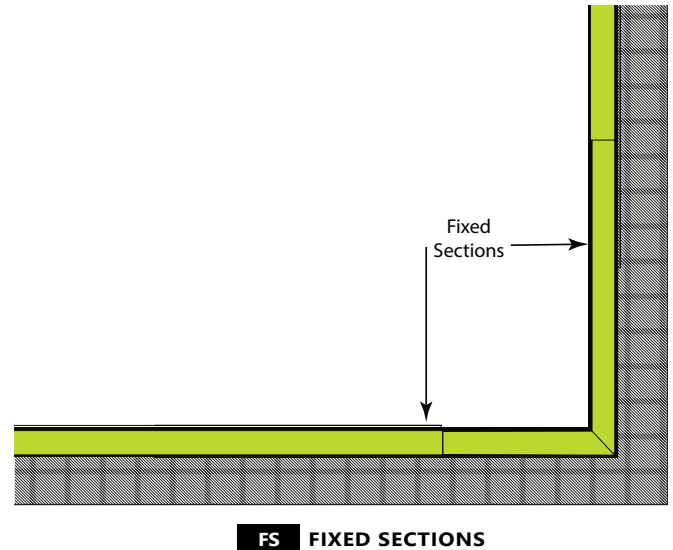
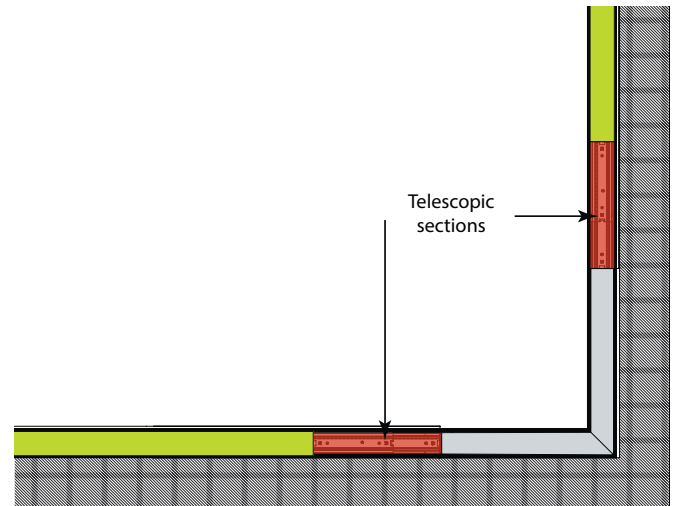
Certified to UL and CSA standards
Meets CCEC requirements (Chicago plenum)
Meets NYC requirements
Suitable for damp locations
IC Rated (Insulated ceiling)

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).



SECTION QUANTITY



WARRANTY

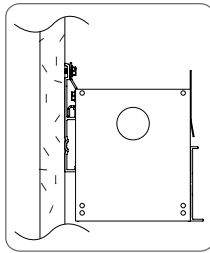
Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at axislighting.com.

● **END CAP**

FLUSH END CAP



ECFL END CAP FLUSH



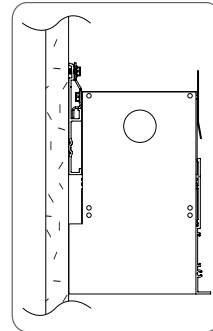
Side view

REGRESSED END CAP



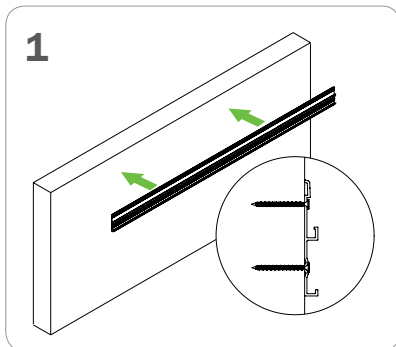
ECR2 END CAP 2" REGRESSED (shown)

ECR3 - 3" End Cap is also available.
ECR4 - 4" End Cap is also available.

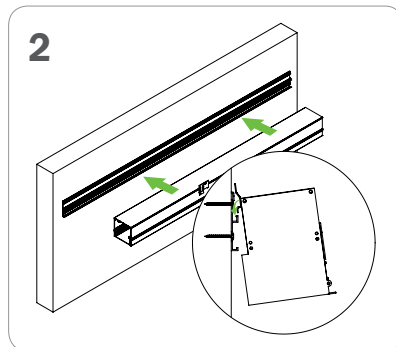


Side view

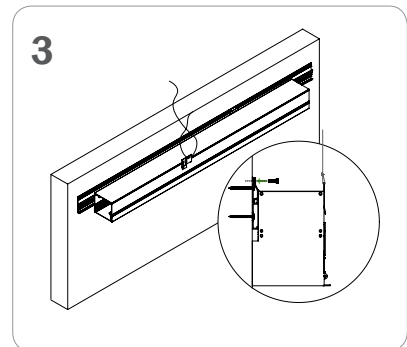
● **INSTALLATION GUIDE**



1
Install wall track level and secure to structure at small grooves in extrusion.

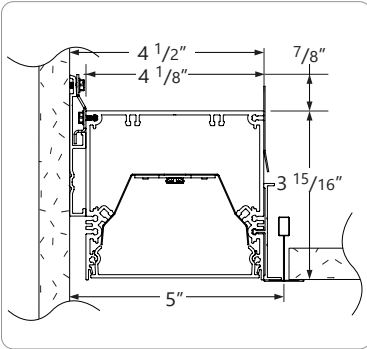


2
Hook beam Perimeter luminaire onto wall track.

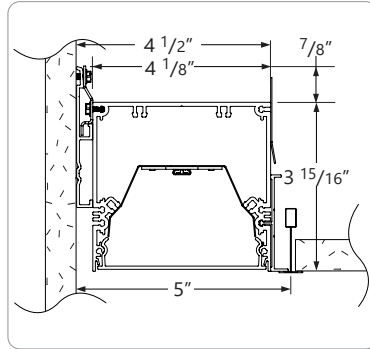


3
Secure to wall track, secure to structure.

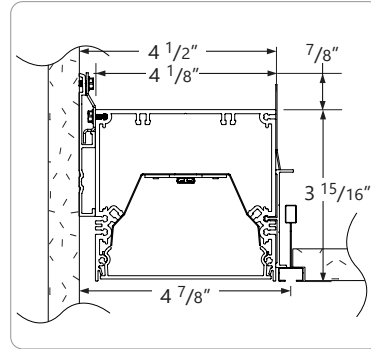
● TB CEILING MOUNTING OPTIONS



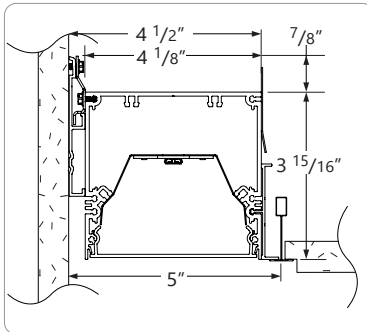
TB15 15/16" T-BAR



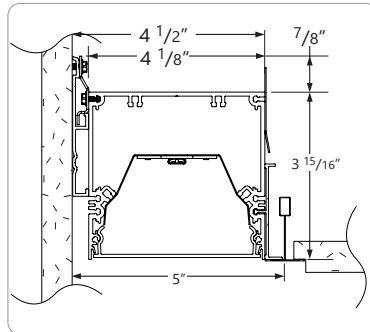
TB9 9/16" T-BAR



ST SCREW SLOT T-BAR

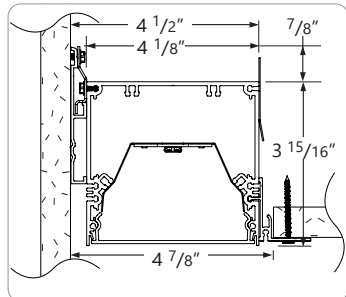


TG9 9/16" T-TEGULAR

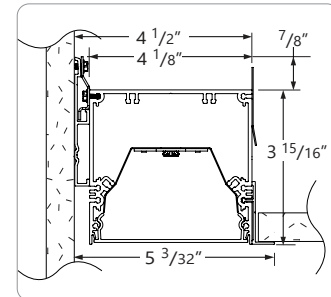


TG15 15/16" T-TEGULAR

● DRYWALL CEILING MOUNTING OPTIONS



DS SPACKLE FLANGES

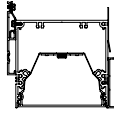


DF VISIBLE FLANGES
WALL MOUNTING

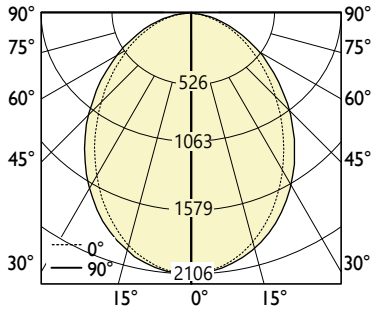
● PHOTOMETRIC DATA

SO Spotless lens - FL

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: BBPRLED-1200-80-35-SO-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

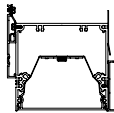
Zone	Lumens
0	
0-10	198
10-20	551
20-30	791
30-40	884
40-50	838
50-60	692
60-70	488
70-80	275
80-90	84
90	

LUMINANCE DATA (cd/m²)

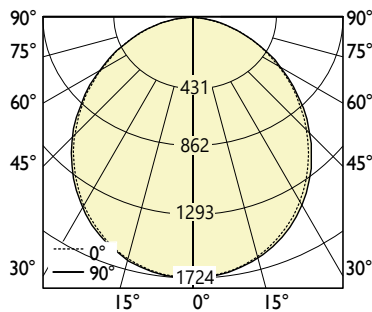
Vertical Angle	Horizontal Angles		
	0	45	90
45	13867	13117	12235
55	12338	11567	10649
65	10740	10085	9212
75	9146	8792	8142
85	8065	8042	7592

UB Ultra blend lens - FL

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: BBPRLED-1200-80-35-UB-FL-4.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

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

ZONAL LUMENS

Zone	Lumens
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)

Vertical Angle	Horizontal Angles		
	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

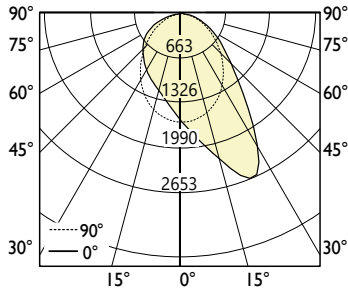
● PHOTOMETRIC DATA

ASO Asymmetric Flush 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: TB4DLED-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

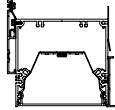
Zone	Lumens
0	
0-10	154
10-20	462
20-30	742
30-40	832
40-50	747
50-60	599
60-70	419
70-80	220
80-90	52
90	

LUMINANCE DATA (cd/m²)

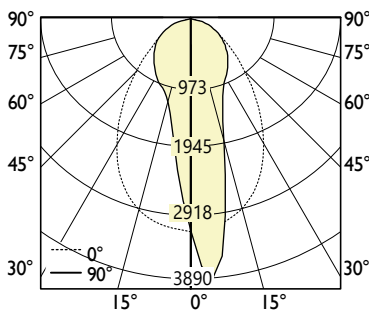
Vertical Angle	Horizontal Angles		
	0	45	90
45	9406	16231	11891
55	8037	12238	9662
65	6763	9532	8052
75	5338	7059	6258
85	2803	4134	4099

GZ Graze lens - FL

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: BBPRLED-1000-80-35-GZ-FL-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

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