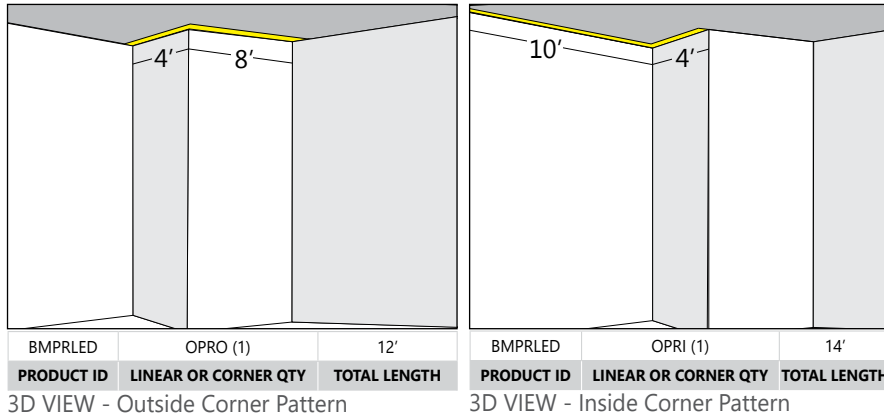
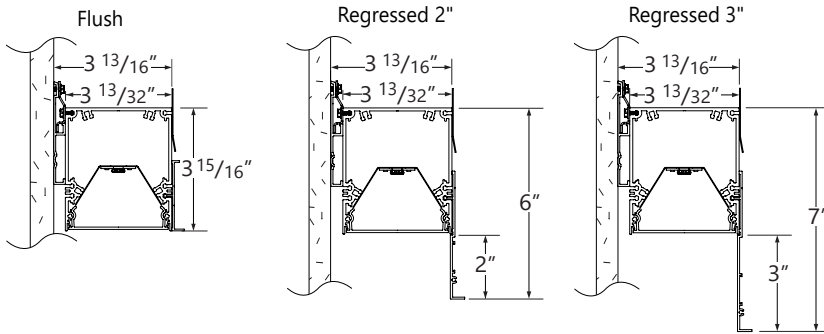




Ordering Guide

BMPRLED											
PRODUCT ID		CORNER QUANTITY (OPTIONAL)		NOM. LUMENS/FT		CRI		COLOR TEMP.			
BMPRLED	Perimeter	OPRO(#)	open shape recessed outside lit corner	300	300 lm/ft - Minimum	80	80 CRI*	27	2700 K	B30	3000 K - Bios*
	Recessed LED	+OPRI(#)	open shape recessed inside lit corner	1000	1000 lm/ft - Maximum	90	90 CRI**	30	3000 K	B35	3500 K - Bios*
								35	3500 K	B40	4000 K - Bios*
								40	4000 K	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	
				Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. Consult factory for max output with BIOS and Color Tuning.		*Not available with color tuning ** Not available with Bios.		Consult Axitune technical sheet for more information on color technology. *Consult BIOS guide for more information on BIOS technology			

Project _____

Type _____

Notes _____

PERFORMANCE PER LINEAR FOOT AT 4000K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
400 lm/ft	3.6 W/ft	110 lm/W
500 lm/ft	4.6 W/ft	109 lm/W
750 lm/ft	7.0 W/ft	106 lm/W
1000 lm/ft	9.6 W/ft	104 lm/W

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



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



BMPRLED		CORNER QUANTITY (OPTIONAL)		NOM. LUMENS/FT		CRI		COLOR TEMP.	
BMPRLED	Perimeter	OPRO(#)	open shape recessed outside lit corner	300	300 lm/ft - Minimum	80	80 CRI*	27	2700 K
	Recessed LED	+OPRI(#)	open shape recessed inside lit corner	1000	1000 lm/ft - Maximum	90	90 CRI**	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	
				Outputs between listed min and max are available. Consult factory for outputs outside of the listed range. Consult factory for max output with BIOS and Color Tuning.		*Not available with color tuning ** Not available with Bios.		Consult Axitune technical sheet for more information on color technology. *Consult BIOS guide for more information on BIOS technology	

SHIELDING	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
UB Ultra blend lens*			UNV universal	O(#) other **	+NL(#) night light circuit *	TG9 regular 9/16"
			DC low voltage*	DPB(#) dimming (0-10V) 1% with Bios*	+GTD(#) generator transfer device *	TG15 regular 15/16"
				TW(#) tunable white drivers*		DF drywall flange
				CT(#) color tuning drivers*		DS drywall spackle flange
				POE(#) POE drivers*		
* Default lens for Color Tuning, Tunable white and BIOS. Consult factory for other lens.		Min total length 2'		* Only available with POE drivers. ** See page 2 to specify system ** Please consult factory, see page 2		* Specify quantity

● 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)
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 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*	DALIDT6 - DALI Type 6 (Two DALI Addresses) DALIDT8 - 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 DALIDT8 - 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.

● Options

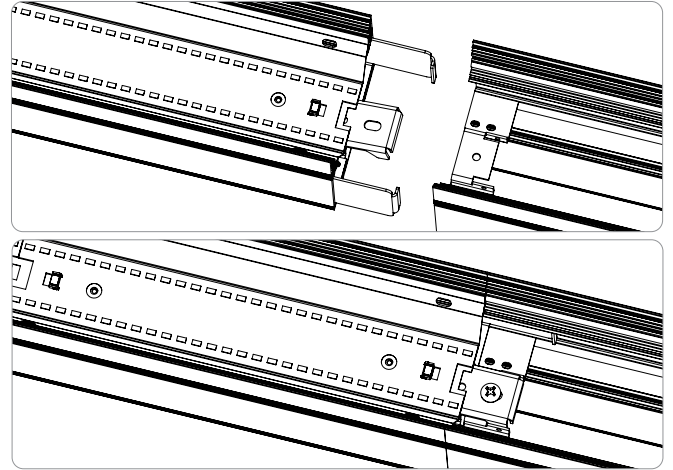
OUTPUT	CRI	COLOR TEMP.	SHIELDING	LENGTH	FINISH	VOLTAGE	DRIVER
400 lm/ft	80	3000 K	FL	2'	white	universal	DP
650 lm/ft		3500 K	RG2	3'			
850 lm/ft		4000 K	RG3	4'			
				5'			
				6'			
				8'			
				12'			



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

● JOINERS

BEAM3 Perimeter LED has steel joiners with wedge alignment for easy installation.



JOINER SYSTEM

● 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 for TC1680.
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.
CCT Color Tuning	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).

APPROVALS

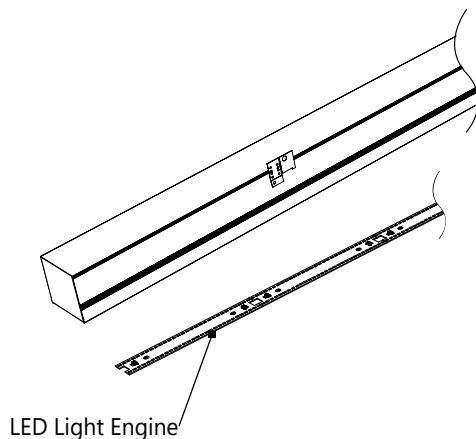
Certified to UL and CSA standards 
 Meets CCEC requirements (Chicago plenum)
 Meets NYC requirements
 Suitable for damp locations
 IC Rated (Insulated ceiling)

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

LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CCT	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
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).

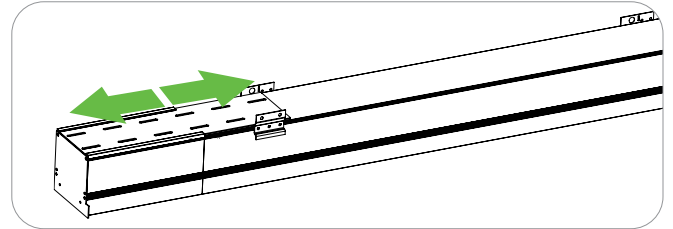


7" TELESCOPIC ADJUSTMENT

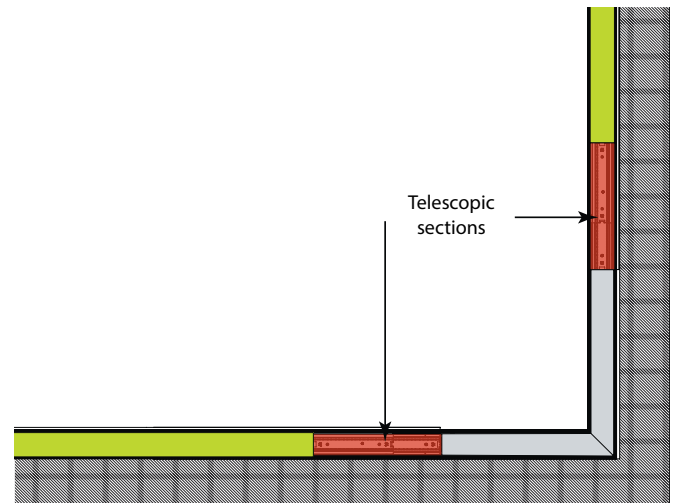
Beam 3 LED Perimeter features a patented telescopic sliding LED board design that allows runs to be field cut to facilitate installation and specification

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

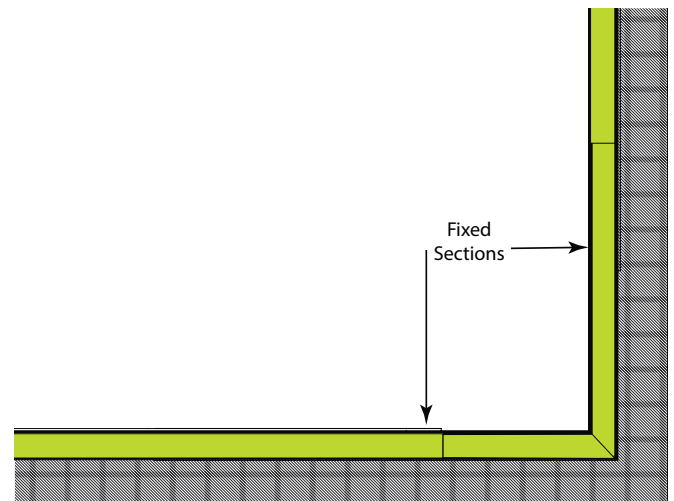
EXAMPLE: Telescopic adjustment 7" (+4"/-3"). If a 10' 6" (126") fixture is specified, adjustable lengths with (1) TS section are between 123"-130".



SECTION QUANTITY

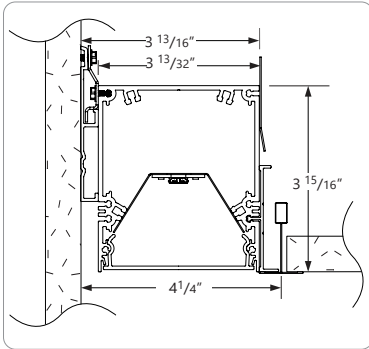


TS TELESCOPIC SECTIONS

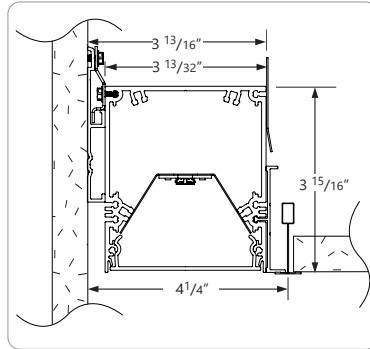


FS FIXED SECTIONS

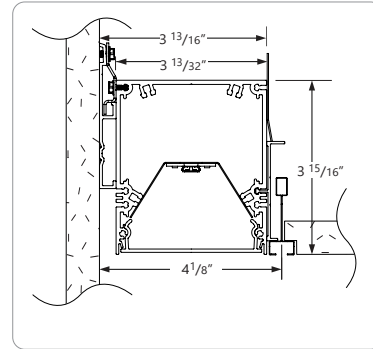
● TB CEILING MOUNTING OPTIONS



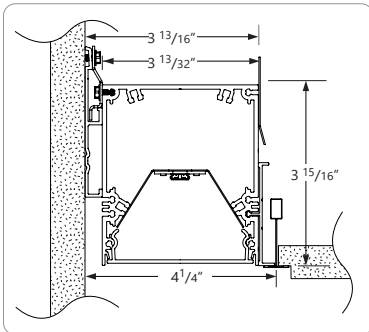
TB15 15/16\" T-BAR



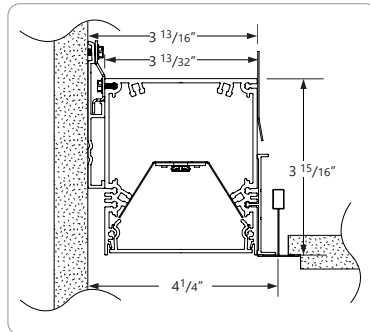
TB9 9/16\" T-BAR



ST SCREW SLOT T-BAR

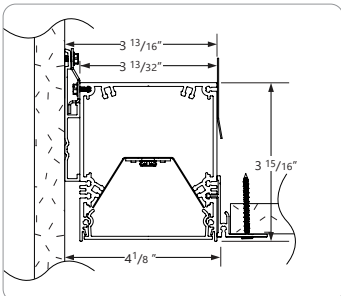


TG9 9/16\" T-TEGULAR

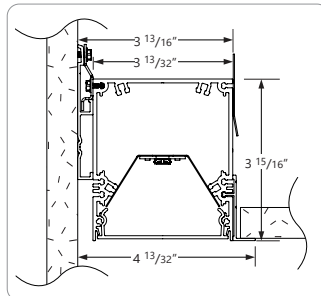


TG15 15/16\" T-TEGULAR

● DRYWALL CEILING MOUNTING OPTIONS

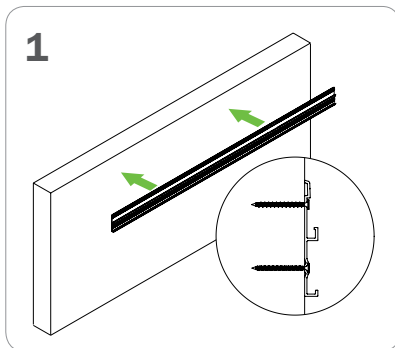


DS SPACKLE FLANGES

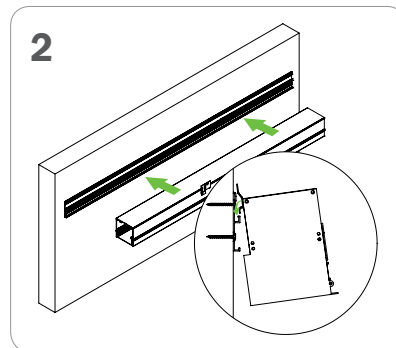


**DF VISIBLE FLANGES
WALL MOUNTING**

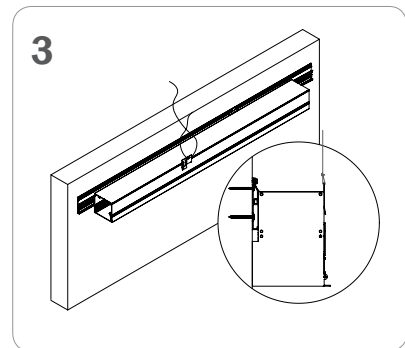
● INSTALLATION GUIDE



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



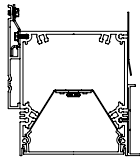
2
Hook beam Perimeter luminaire onto wall track.



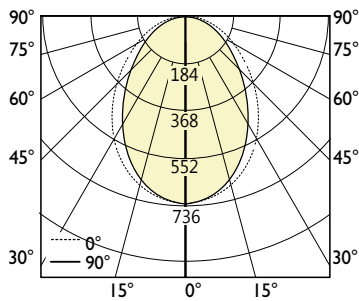
3
Secure to wall track, secure to structure.

● PHOTOMETRIC DATA

400 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 400 lm/ft
Input Watts: 3.3 W/ft
Efficacy: 122 lm/W

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

CANDELA DISTRIBUTION

Vertical Angle	0	22.5	45	67.5	90
0	733	733	733	733	733
5	725	728	725	728	731
15	681	682	672	666	666
25	600	594	574	557	552
35	493	483	456	430	422
45	378	368	339	314	305
55	268	259	236	215	207
65	168	163	148	134	128
75	83	80	73	67	64
85	19	17	17	16	16
90	0	0	0	0	0

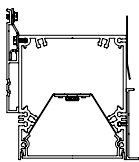
ZONAL LUMENS

Zone	Lumens
0	
0-10	69
10-20	189
20-30	264
30-40	285
40-50	263
50-60	212
60-70	147
70-80	78
80-90	20
90	

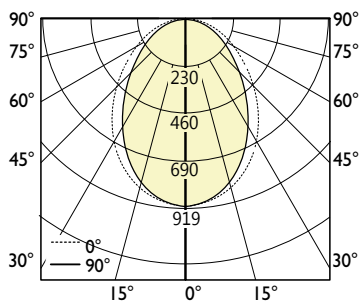
LUMINANCE DATA (cd/m²)

Vertical Angle	0	45	90
45	5574	4998	4492
55	4877	4290	3767
65	4147	3639	3165
75	3344	2930	2570
85	2216	2052	1888

500 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 500 lm/ft
Input Watts: 4.3 W/ft
Efficacy: 117 lm/W

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

CANDELA DISTRIBUTION

Vertical Angle	0	22.5	45	67.5	90
0	917	917	917	917	917
5	907	910	906	910	914
15	852	852	840	832	832
25	750	743	718	696	690
35	616	604	570	538	527
45	473	460	424	392	381
55	335	324	295	269	259
65	210	203	184	167	160
75	104	100	91	83	80
85	23	21	21	21	20
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	86
10-20	236
20-30	330
30-40	357
40-50	329
50-60	266
60-70	184
70-80	98
80-90	25
90	

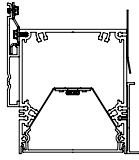
LUMINANCE DATA (cd/m²)

Vertical Angle	0	45	90
45	6968	6247	5615
55	6096	5363	4708
65	5184	4549	3957
75	4181	3662	3213
85	2770	2565	2360

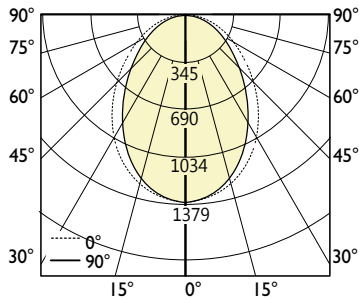
i All IES files are available for download at: www.axislighting.com

PHOTOMETRIC DATA

750 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 750 lm/ft
Input Watts: 6.8 W/ft
Efficacy: 110 lm/W

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

CANDELA DISTRIBUTION

Vertical Angle	0	22.5	45	67.5	90
0	1375	1375	1375	1375	1375
5	1360	1365	1358	1365	1371
15	1277	1279	1261	1248	1248
25	1124	1114	1077	1045	1036
35	924	906	855	807	791
45	709	690	636	588	571
55	503	486	443	404	389
65	315	305	277	251	241
75	156	151	136	125	120
85	35	32	32	31	30
90	0	0	0	0	0

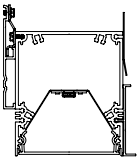
ZONAL LUMENS

Zone	Lumens
0	
0-10	129
10-20	355
20-30	496
30-40	535
40-50	493
50-60	398
60-70	276
70-80	146
80-90	38
90	

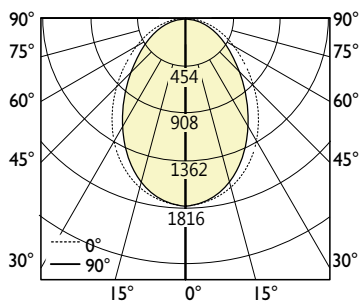
LUMINANCE DATA (cd/m²)

Vertical Angle	0	45	90
45	10452	9371	8422
55	9144	8044	7062
65	7776	6824	5935
75	6271	5493	4820
85	4155	3847	3540

1000 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 1000 lm/ft
Input Watts: 9.5 W/ft
Efficacy: 105 lm/W

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

CANDELA DISTRIBUTION

Vertical Angle	0	22.5	45	67.5	90
0	1834	1834	1834	1834	1834
5	1813	1820	1811	1820	1828
15	1703	1705	1681	1664	1664
25	1499	1485	1436	1393	1381
35	1232	1208	1141	1075	1055
45	945	919	847	784	762
55	671	648	590	539	518
65	420	407	369	334	321
75	208	201	182	166	160
85	46	43	43	41	39
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	172
10-20	473
20-30	661
30-40	713
40-50	657
50-60	531
60-70	367
70-80	195
80-90	50
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	0	45	90
45	13936	12494	11230
55	12191	10726	9416
65	10368	9098	7913
75	8361	7324	6426
85	5540	5130	4720

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