



The BLP series is a power and color selectable commercial grade, recessed back-lit panel with high visual comfort. For use in indoor applications where low glare, high quality and ease of installation are required

BLP recessed back-lit panel adjustable output & CCT



Features and Specifications:

Construction:

- Extruded aluminum frame with precision laser welded corners and satin white powder coating
- Construction features precise optical lenses over each individual LED, offering optimal light diffusion and consistent surface illumination, with no risk of yellowing over product lifetime

Size Options:

- Available in 1X4, 2X2 and 2x4

Listing & Ratings:

- All fixtures are U.L./C.U.L. Certified for dry/damp locations, IC rated
- Operating temp range -20°C/-4°F to 40°C/104°F
- Design Lights Consortium® (DLC) qualified luminaire

Mounting Options:

- Recessed mount in T-Bar applications, optional accessories for surface mounting or suspending available
- Integral earthquake clips for additional support

Driver:

- Universal voltage 120-277V standard
- 0-10V dimming standard
- Adjustable CCT (3500K, 4000K, 5000K) via dipswitch on driver
- Adjustable lumen output (3 levels) via slide switch

Warranty:

- 5 years - part replacement only (see our terms & conditions page at www.lamarled.com for details)

Ordering Guide / Example

BLP22A-D

BLP			
Series	Size	General Options	Accessories - see page 3
BLP = Recessed back-lit panel	14A-D = 1x4 22A-D = 2x2 24A-D = 2x4 24HA-D = 2x4 High Output	EM5 = 5W Emergency pack >90 min., >500 lumens EM12 = 12W Emergency pack >90 min., >1200 lumens	FK14 = 1x4 Flange Kit for gypsum ceilings FK22 = 2x2 Flange Kit for gypsum ceilings FK24 = 2x4 Flange Kit for gypsum ceilings BLP-SK14 = 1x4 Surface mount Kit for gypsum ceilings BLP-SK22 = 2x2 Surface mount Kit for gypsum ceilings BLP-SK24 = 2x4 Surface mount Kit for gypsum ceilings BLP-ACKIT = Cable-hanging kit

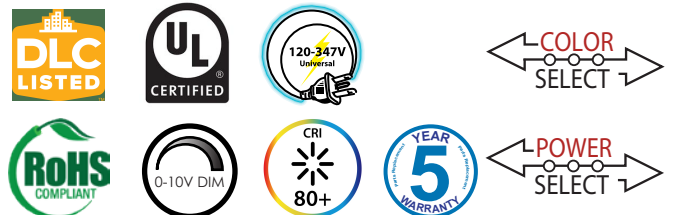
Project Information:

Job Name: _____ Fixture Type: _____

Catalog #: _____ Date: _____

Comments: _____

Certification & Listings:



Lumen/Wattage Chart

Catalog Number	Nominal Size	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
BLP22-A-D	2' x 2'	35	3500K	3950	113 lm/W	120-277V	0-10V	>80
			4000K	4200	120 lm/W			
			5000K	4000	114 lm/W			
		30	3500K	3450	115 lm/W			
			4000K	3700	123 lm/W			
			5000K	3500	117 lm/W			
		20	3500K	2400	120 lm/W			
			4000K	2600	130 lm/W			
			5000K	2450	123 lm/W			

Catalog Number	Nominal Size	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
BLP24-A-D	2' x 4'	45W	3000K	5300	118 lm/W	120-277V	0-10V	>80
			4000K	5650	125 lm/W			
			5000K	5350	118 lm/W			
		35W	3000K	4200	120 lm/W			
			4000K	4550	130 lm/W			
			5000K	4235	121 lm/W			
		30W	3000K	3850	128 lm/W			
			4000K	4200	140 lm/W			
			5000K	3900	130 lm/W			

Catalog Number	Nominal Size	Adjustable Wattage	Adjustable CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
BLP24H-A-D	2' x 4'	60W	3000K	7,900	132 lm/W	120-277V	0-10V	>80
			4000K	8,200	137 lm/W			
			5000K	8,000	134 lm/W			
		50W	3000K	6,700	135 lm/W			
			4000K	7,000	140 lm/W			
			5000K	6,850	137 lm/W			
		40W	3000K	5,500	138 lm/W			
			4000K	5,920	148 lm/W			
			5000K	5,760	144 lm/W			

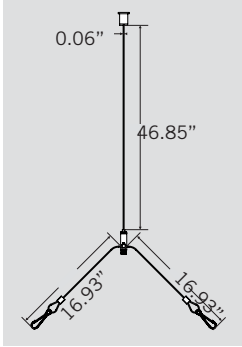
Catalog Number	Nominal Size	Selectable Wattage	Selectable CCT	Lumens	Efficacy	Input Voltage	Dimmable	CRI
BLP14-A-D	1' x 4'	35	3500K	3950	113 lm/W	120-277V	0-10V	>80
			4000K	4200	120 lm/W			
			5000K	4000	114 lm/W			
		30	3500K	3450	115 lm/W			
			4000K	3700	123 lm/W			
			5000K	3500	117 lm/W			
		20	3500K	2400	120 lm/W			
			4000K	2600	130 lm/W			
			5000K	2450	123 lm/W			

Preset to (5000K)
Color Uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017.

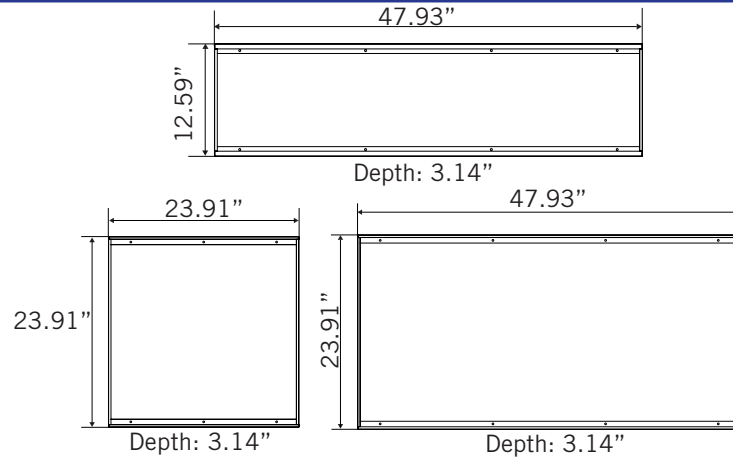
Specifications subject to change without notice - Rev 1025

LAMAR LED assumes no responsibility for misapplication of fixtures
Due to the rapid advancements in LED technology, please consult our website for the most current technical data.

LAMARLED 1150 Motor Pkwy, Central Islip, NY 11722 | tel 631.777.7700 fax 516.333.7695 | www.lamarled.com

Accessories


BLP-ACKIT

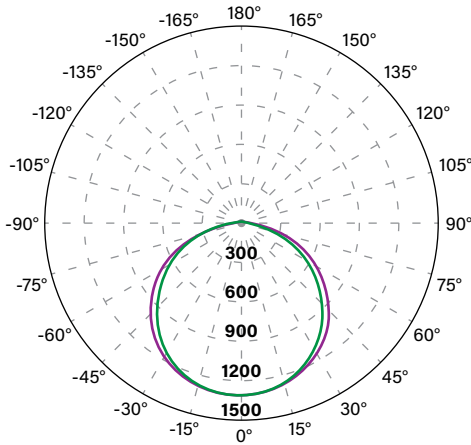


BLP-SK

BLP-22-A-D 3500K, 35W

PHOTOMETRIC SPECIFICATIONS

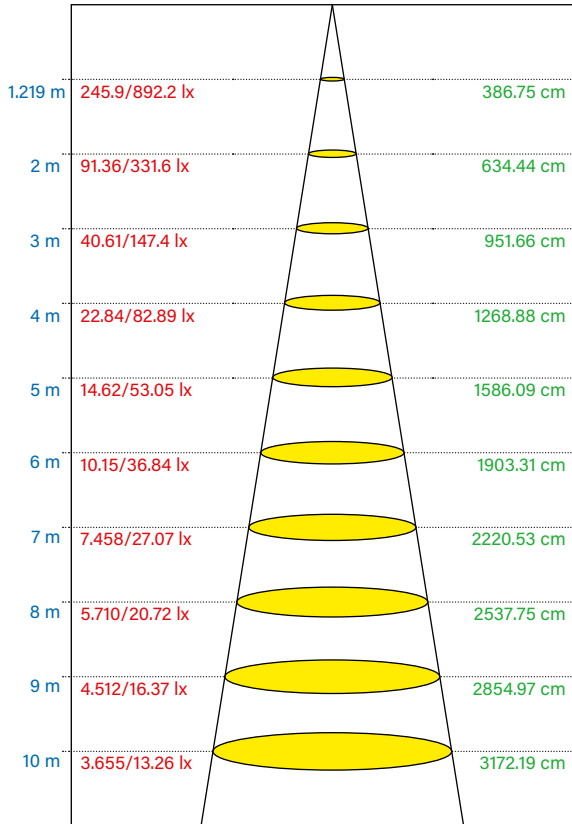
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Average beam angle (50%): **117.8°** **1 Violet** C0/180, 121.4
Unit: cd **2 Green** C90/270, 114.2

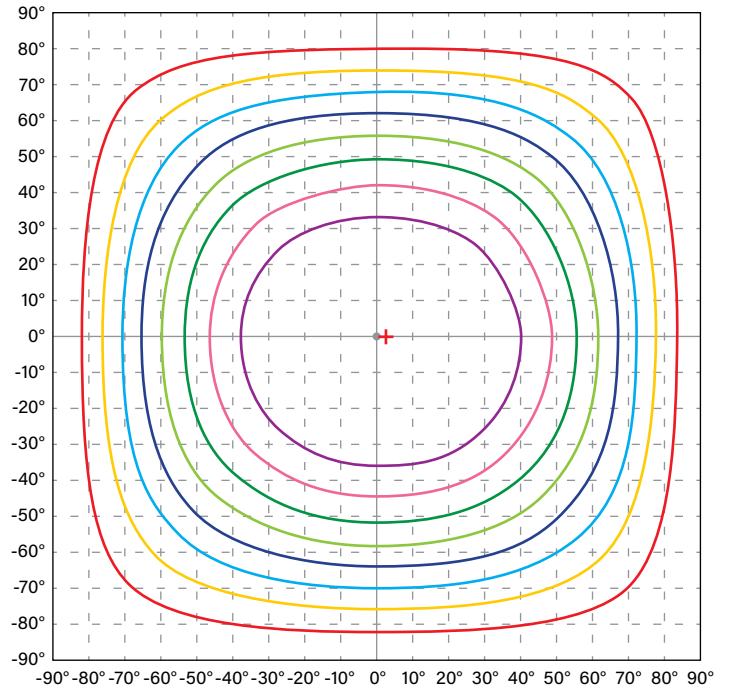
FLUX CHART

Flux Out: 2940 lm



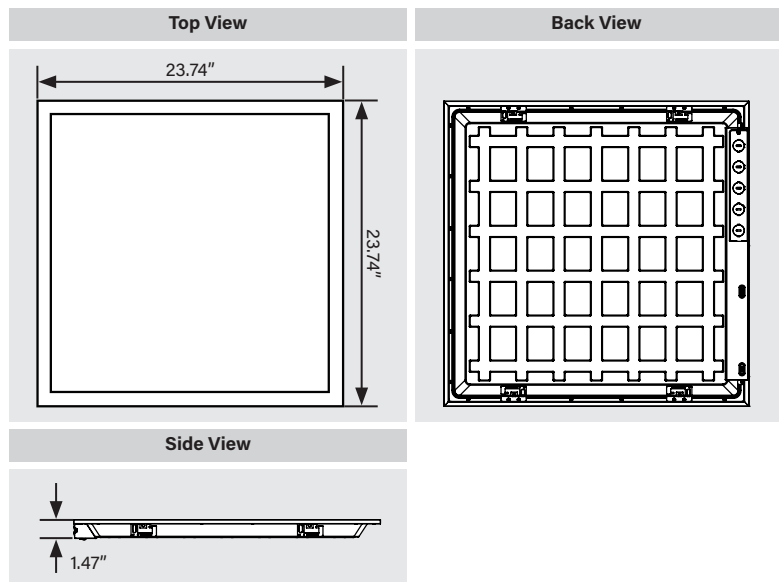
Height **Eavg/Emax** Angle: 115.54° Diameter

ISOCANDELA PLOT



— cd: **132.3** (10%) — cd: **661.7** (50%) I_{max}: 1306 (H1.0, V0.0)
— cd: **264.7** (20%) — cd: **794.1** (60%) (At: C=100.0, Gamma=1.0)
— cd: **397.0** (30%) — cd: **926.4** (70%)
— cd: **529.4** (40%) — cd: **1059** (80%)

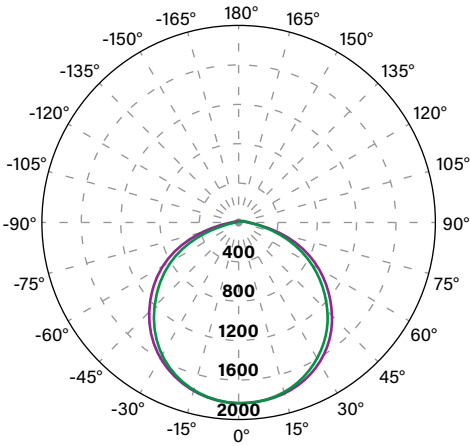
PHYSICAL SPECIFICATIONS



BLP-24-A-D 3500K, 45W

PHOTOMETRIC SPECIFICATIONS

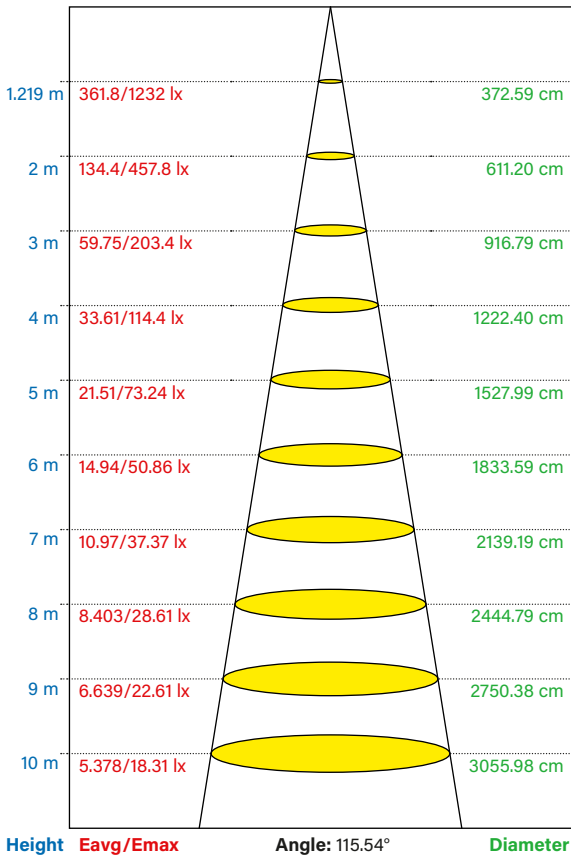
POLAR CANDELA DISTRIBUTION



Average beam angle (50%) : **116.5°** **1 Violet** C0/180, 119.4
 Unit: **cd** **2 Green** C90/270, 113.6

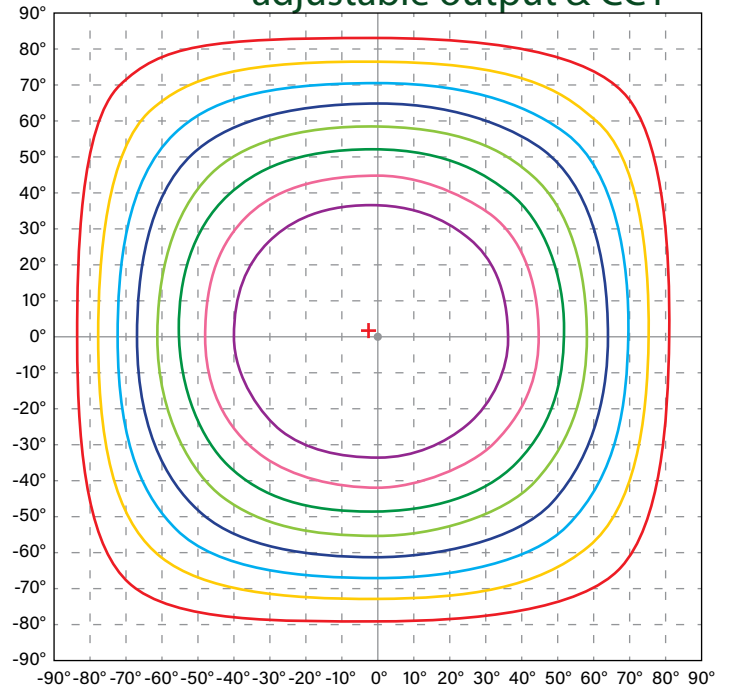
FLUX CHART

Flux Out: 4006 lm



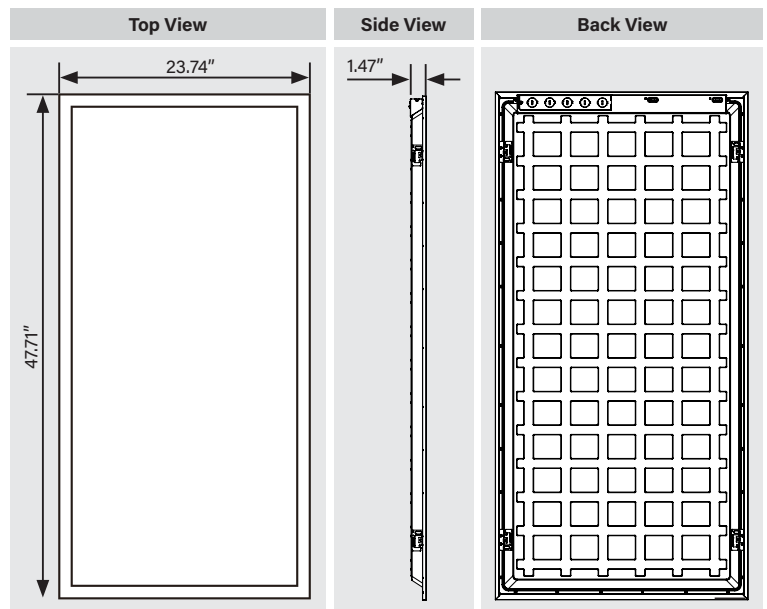
ISOCANDELA PLOT

adjustable output & CCT



— cd: **183.3** (10%) — cd: **916.3** (50%) Imax: 1833 (H-2.5, V1.5)
 — cd: **366.5** (20%) — cd: **1100** (60%) (At: C=210.0, Gamma=3.0)
 — cd: **549.8** (30%) — cd: **1283** (70%)
 — cd: **733.0** (40%) — cd: **1466** (80%)

PHYSICAL SPECIFICATIONS



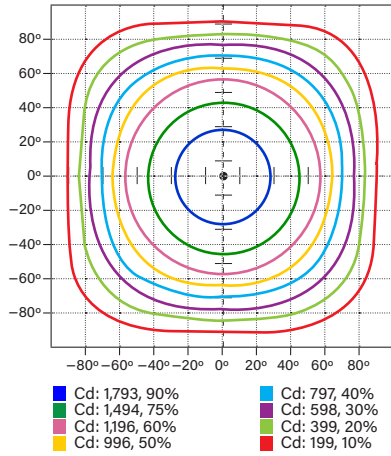
BLP-24H-A-D 3500K, 60W

PHOTOMETRIC SPECIFICATIONS

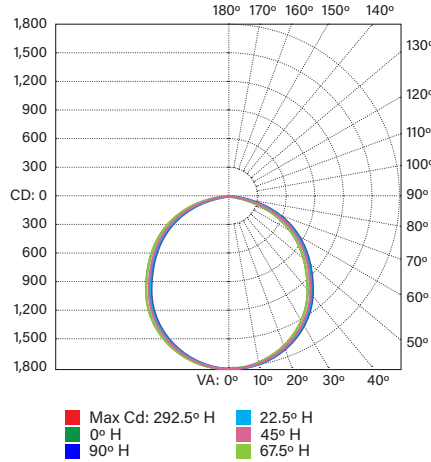
POLAR CANDELA DISTRIBUTION

PHOTOMETRIC SPECIFICATIONS

ISOCANDELA PLOT



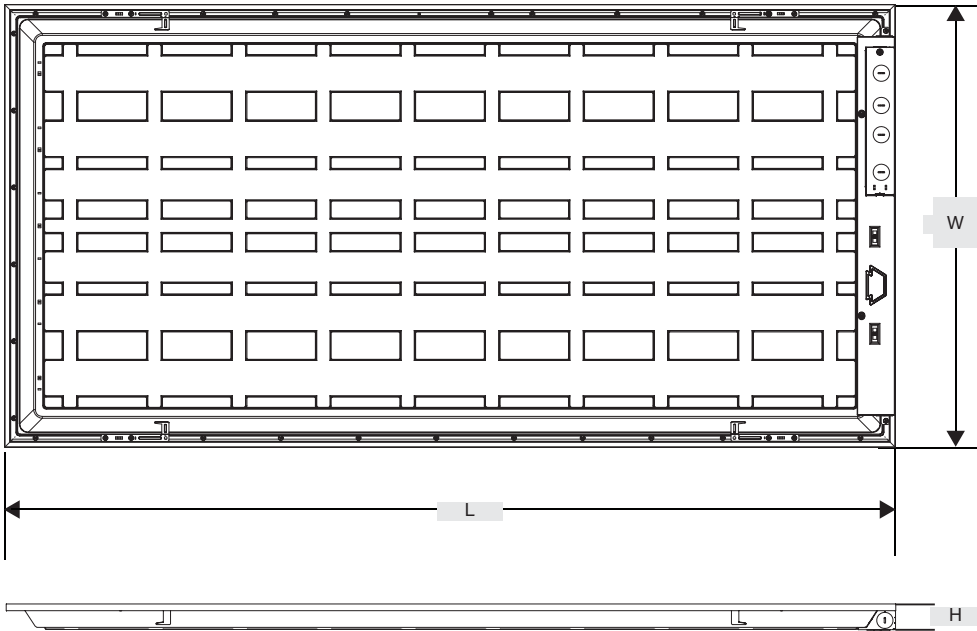
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ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-60	4,546.4 lm	77.9%
60-90	1,275.8 lm	21.9%
0-90	5,822.2 lm	99.8%
90-180	12.0 lm	0.2%
0-180	5,834.1 lm	100%

PHYSICAL SPECIFICATIONS

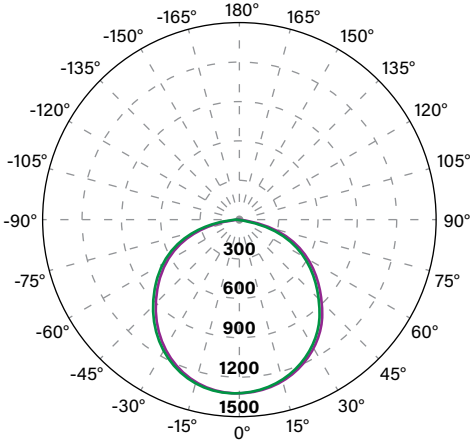


L (Length)	47.71"
H (Height)	1.37"
W (Width)	23.74"

BLP-14-A-D 3500K, 35W

PHOTOMETRIC SPECIFICATIONS

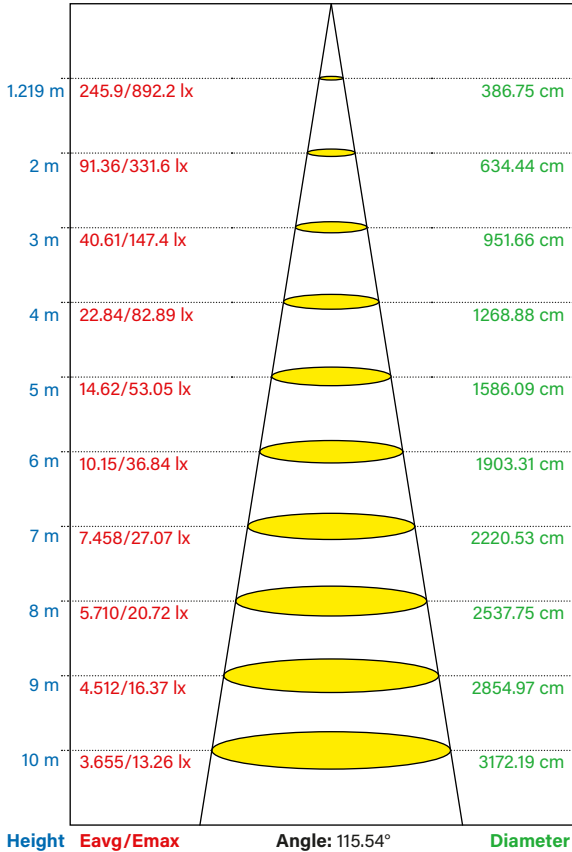
POLAR CANDELA DISTRIBUTION



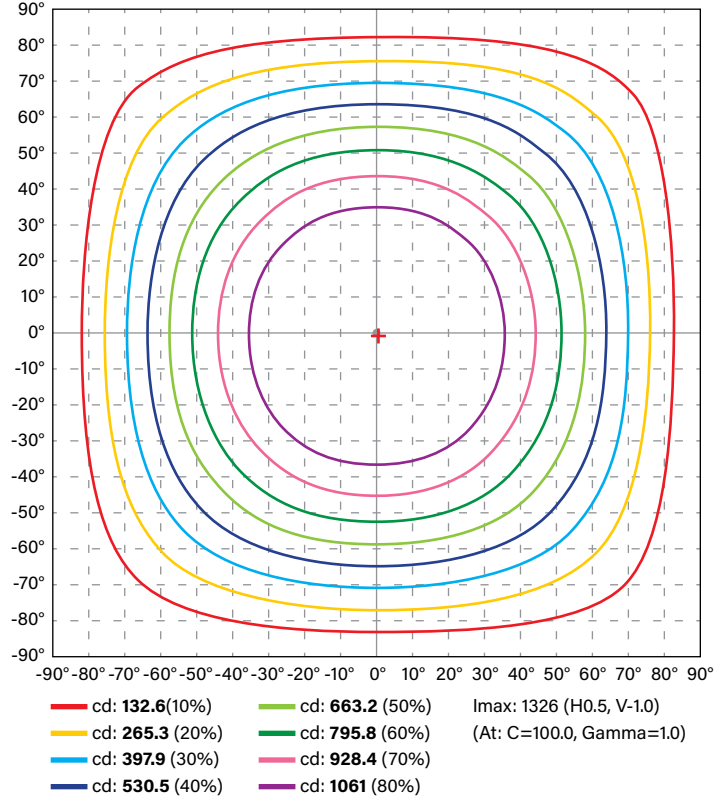
Average beam angle (50%): **115.9° 1 Violet** C0/180, 115.5
 Unit: cd **2 Green** C90/270, 116.3

FLUX CHART

Flux Out: 2940 lm



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PHYSICAL SPECIFICATIONS

