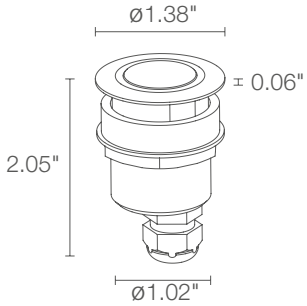
BRIGHT 1.2

datasheet

The Bright 1 series are small, powerful and versatile fixtures. Available in numerous optics, styles and anti-glare accessories, this fixture can be installed wall or ceiling mounted. **The Bright 1, Smoothy 1 and Litus 1 series all use the same LED.**

Cutout Dimensions for installation - mounted on a board = Ø 1.18”

Fixture Dimensions



TECHNICAL DATA

Wattage / Input	2W (500mA)
Power Supply	Remote, not included. See page 2.
Construction	Body/Trim: AISI 316L Stainless Steel Lens: Tempered Transparent or Frosted Glass Cable Length: 4.92’ standard
CCT	6 Standard (see below)
CRI	>80
BUG Rating	B0-U2-G0 (3000K, Diffuse) B0-U3-G0 (300K, S, M, L, W)
Delivered Lumens	127 lm (3000K)
Efficacy	63.5 lm/W (3000K)
Optics	5 Standard (see below)
Finishes	Stainless Steel, Custom RAL (4 Stage Marine Grade Finish)
Fixture Dimensions	Ø1.38” x 2.05” h
Cut-out Size	Ø1.18” (for ceiling or wall installations)
Fixture Weight	0.44 lbs
LED Source	1 Power LED
Lumen Maintenance	60,000hrs L90, B10 (Ta 25°C)
Color Consistency	2-Step MacAdam
Operating Temp.	-4°F to +113°F
IP Rating	IP65, IP68
IK Rating	IK10

ORDERING INFORMATION

Example: CB12125MAI-1. Accessories / Power Supplies ordered separately.

CB1212				-	
Model No.	**CCT**	**Optics**	**Finish**		**Cable Length**
CB1212	**F** - 2700K **5** - 3000K **9** - 4000K **1** - Blue **2** - Green **3** - Red	**S** - 10° **M** - 21° **L** - 43° **W** - 15° x 38° **D** - Diffuse	**AI** - Stainless Steel **C** - Custom RAL *(consult factory for “C”)*		4.92’ standard **1** - 16.40’ **2** - 32.81’ **4** - 65.62’

Job Name/Date:

Fixture Type Designation:

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SUGGESTED POWER SUPPLIES

500mA

Part Number	Description	Input/Output	# of Fixtures
PPLT00497	Phase Dim (120V only)	120VAC to 500mA, 12W, Class 2, DAMP	2-6
PPLT00467-P	0-10V Dimming to 1%	120-277VAC to 500mA, 50W, Class 2, DAMP	1-16
PPLT00561-P	0-10V Dimming to 0.1%	120-277VAC to 500mA, 100W, Class 2	2-17

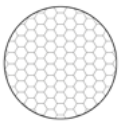
Suggested Lutron Compatible

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00259	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 500mA, 10W, Class 2	4-5
PPLT00195	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 500mA , 19W, Class 2	6-9
PPLT00180	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 500mA , 27W, Class 2	12-13

For other power supply options consult factory.

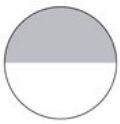
ACCESSORIES

Anti-glare



WH0101
Honeycomb Louvre
Not available on diffuse optics

WE0500S
Anti-glare lens, half transparent and half serigraphed black
Available on 10°, 21°, 43° only



WE0500A
Semi-diffusing screen, half transparent and half frosted
Available on 10°, 21°, 43° only

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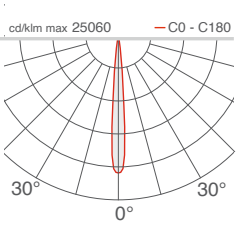
PHOTOMETRIC DATA

Note all Photometry is 3000K

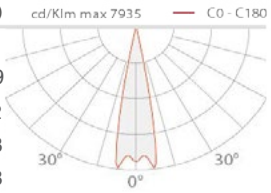
S - 10°

H (ft)	Ø (ft)	Fc max (3000K)
3.28'	0.56'	202.5
6.56'	1.08'	50.6
9.84'	1.64'	22.5
13.12'	2.17'	12.6
16.40'	2.72'	8.1



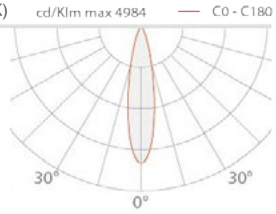
V - 21° sharp (Bright 1.0 / 1.6)

H (ft)	Ø (ft)	Fc max (3000K)
3.28'	1.21'	28.9
6.56'	2.46'	7.2
9.84'	3.67'	3.3
13.12'	4.89'	1.8
16.40'	6.14'	1.1



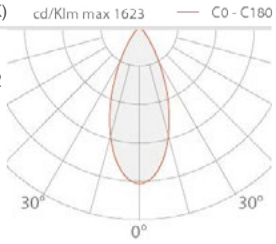
M - 21°

H (ft)	Ø (ft)	Fc max (3000K)
3.28'	1.25'	58.8
6.56'	2.49'	14.7
9.84'	3.71'	6.5
13.12'	4.95'	3.7
16.40'	6.20'	2.3



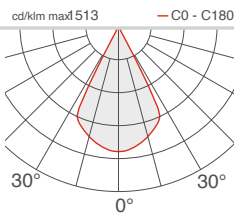
L - 43°

H (ft)	Ø (ft)	Fc max (3000K)
3.28'	2.59'	14.2
6.56'	5.18'	3.5
9.84'	7.78'	1.6
13.12'	10.37'	0.9
16.40'	12.96'	0.6



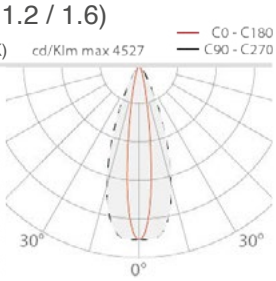
T - 54° sharp (Bright 1.0 / 1.6)

H (ft)	Ø (ft)	Fc max (3000K)
3.28'	3.35'	4.5
6.56'	6.73'	1.1
9.84'	10.07	0.5
13.12'	13.45	0.3
16.40'	16.80	0.2



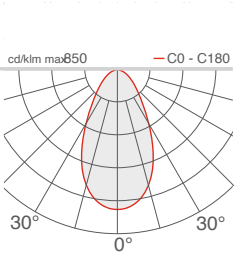
W - 15°x38° (Bright 1.0 / 1.2 / 1.6)

H (ft)	Ø (ft)	Ø (ft)	Fc max (3000K)
3.28'	0.89'	2.30'	47.5
6.56'	1.77'	4.56'	11.9
9.84'	2.62'	6.86'	5.3
13.12'	3.51'	9.15'	3.0
16.40'	4.40'	11.45'	1.9



D - Diffuse

H (ft)	Ø (ft)	Fc max (3000K)
3.28'	3.54'	3.0
6.56'	7.05'	0.7
9.84'	10.60'	0.4
13.12'	14.11'	0.2
16.40'	17.65'	0.1



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