

BRIGHT 2.4

The Bright 2 series are small, powerful and versatile fixtures. Available in numerous optics, styles and anti-glare accessories, this fixture can be installed in-grade, wall mount or ceiling mount. Suitable for power washing - not suitable for fountains or pools. **The Bright 2, Smoothy 2 and Litus 2 series all use the same LED.**

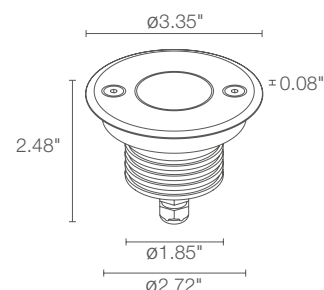
TECHNICAL DATA

Wattage / Input	5W, 7W (24VDC), 5W (500mA, RGB)
Power Supply	Remote, not included. See page 2.
Construction	Body/Trim: Anodized Aluminum/Stainless Steel Lens: Tempered Extra-Clear Glass Cable Length: 4.92' standard
CCT	2700K, 3000K, 4000K; RGB (3500K on request - not available on 8° or 21°x42° optics)
CRI	>80, >90
BUG Rating	B0-U2-G0 (3000K, 5W, 24VDC, Z) B0-U3-G0 (3000K, 5W, 24VDC, All optics except Z) B0-U3-G0 (3000K, 5W, 500mA, All optics) B0-U3-G0 (3000K, 7W, 24VDC, All optics)
Delivered Lumens	See Delivered Lumens Chart RGB 191 lm: (R) 70 lm, (G) 90 lm, (B) 31 lm
Efficacy	57-70 lm/W (5W), 53-66 lm/W (7W), 38 lm/W (RGB)
Optics	12 Standard (White), 4 Standard (RGB)
Finishes	3 Standard (See below)
Fixture Dimensions	Ø3.39" x 2.48" h
Cut-out Size	Ø2.76" (for ceiling or wall installations)
Fixture Weight	0.97 lbs (Stainless Steel) 0.73 lbs (Aluminum)
LED Source	1 High-Intensity Power LED (White) 3 Power LEDs (RGB)
Lumen Maintenance	L90, B10 >50,000hrs (Ta 25°C)
Color Consistency	3-Step MacAdam (White)
Operating Temp.	-4°F to +113°F
IP Rating	IP68, IP69 (Tested to EN / IEC 60598-1)
Impact Resistance	IK10



Cutout Dimensions for ceiling/wall installations with fixing spring = Ø2.76"

Fixture Dimensions



Delivered Lumens (3000K, 34°)	5W	7W
CRI 80	352 lm	463 lm
CRI 90	284 lm	374 lm

ORDERING INFORMATION

Example: CB24001FTAI or CB24001FTAI-1. Accessories / Power Supplies ordered separately.

Model No.	CRI	CCT	Optics	Finish (Body/Trim)	Cable Length
CB2400 - 5W	0 - 80 CRI	F - 2700K	Z - Asymmetrical 8° M - 34° W - 13° x 52°	AF - Aluminum/Gray	4.92' standard
CB2401 - 7W	1 - 90 CRI	5 - 3000K	V - 8° L - 45° D - Diffuse	AI - Aluminum/SS	1 - 16.40'
<i>Static White Only</i>		9 - 4000K	T - 11° J - 47°	II - SS / SS	2 - 32.81'
			S - 17° Q - 61° sharp	<i>Note* SS: Stainless Steel</i>	4 - 65.62'
			P - 21° sharp K - 68°		
Model No.		CCT	Optics		
CB2432 - 5W		6 - RGB	S - 20° L - 45°		
<i>RGB Only</i>			M - 34° W - 21° x 42°		

Job Name/Date:

Fixture Type Designation:

SUGGESTED POWER SUPPLIES

24VDC

Part Number	Description	Input/Output	# of Fixtures 5W / 7W	
PPLT00284	Non-Dim	120-277VAC to 24VDC, 100W, Class 2	1-16	1-11
PPLT00543	0-10V Dimming to 15% (-40°C / -40°F cold weather start)	120-277VAC to 24VDC, 100W, Class 2	2-16	2-11

Suggested Lutron Compatible

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures 5W 7W	
PPLT00530	L3DAE / L3D0	L3DA/L3D0	100%-1%	Hi-Lume™ 0.1% EcoSystem™ or 3-Wire LED Driver	120-277VAC to 24VDC, 96W, Class 2	1-15	1-10

DRIVERS IN NEMA ENCLOSURE

Remote 24VDC - ELV / TRIAC / 0-10V (For Static White versions only)



PPLT00715

Part Number	Description	Input/Output	# of Fixtures 5W 7W	
PPLT00715	ELV / TRIAC / 0-10V Dimming to 0.1%	120-277VAC to 24VDC, 96W, Class 2, WET/DAMP	1-15	1-10

SUGGESTED POWER SUPPLIES

500mA - RGB

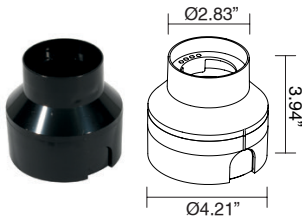
Part Number	Description	Input/Output	# of Fixtures 5W
PPLT00244-P	DMX / RDM (Must advise DMX addresses if not using RDM)	120-277VAC to 500mA, 50W, Class 2	1-7
PPLT00129-P	DMX / RDM (Field Addressable)	120-277VAC to 500mA, 100W, Class 2	1-12

For other power supply options consult factory.

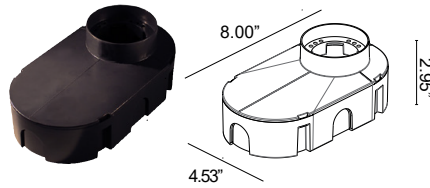
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ACCESSORIES - Installation



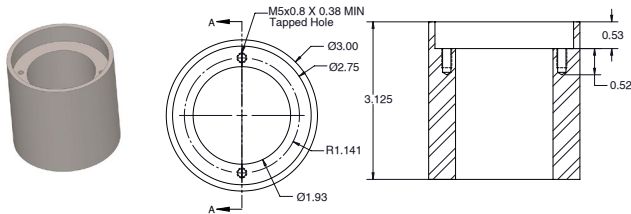
WC0103
Outer Casing
For in-grade use



WC0150
Outer Casing
For in-grade use

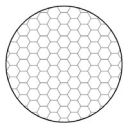


WG0100
Fixing Spring
For ceiling/wall use

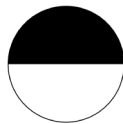


PPMP03088
Core Drilled Application Sleeve

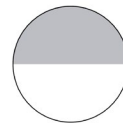
Anti-glare



WH0201
Honeycomb Louvre
Not available for sharp, asymmetrical 8°, 8° and diffuse optics



WE0400S
Anti-glare lens, half transparent
and half serigraphed black
*Not available for diffuse, asymmetrical 8° optics
or RGB versions*



WE0400A
Semi-diffusing lens, half
transparent and half frosted
*Not available for diffuse, asymmetrical 8° optics
or RGB versions*

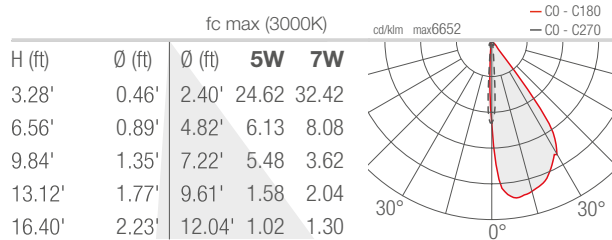
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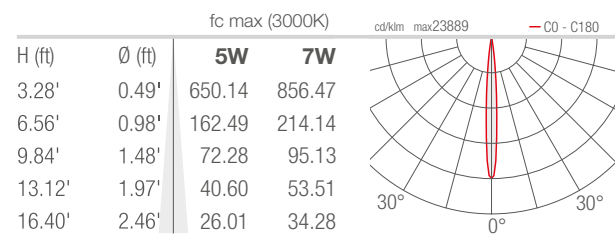
PHOTOMETRIC DATA

Note all Photometry is 3000K, CRI 80

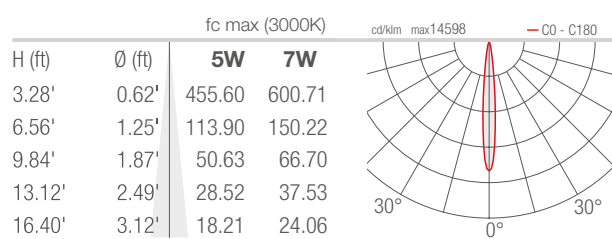
Z - Asymmetrical 8°



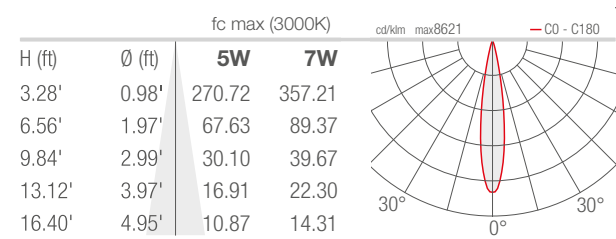
V - 8° CRI 80



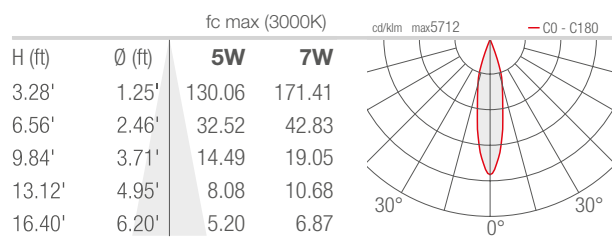
T - 11° CRI 80



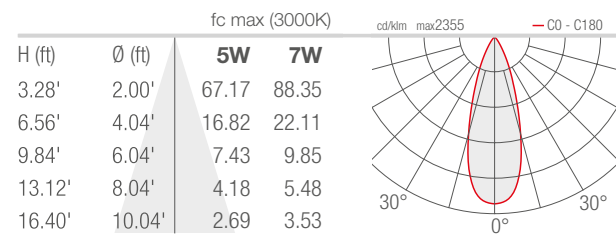
S - 17° CRI 80



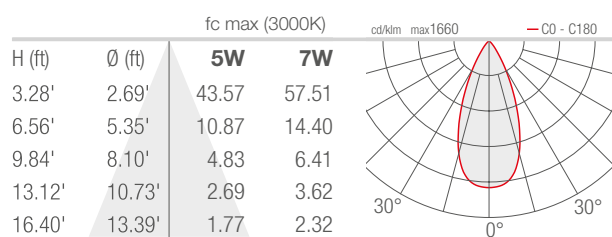
P - 21° sharp CRI 80



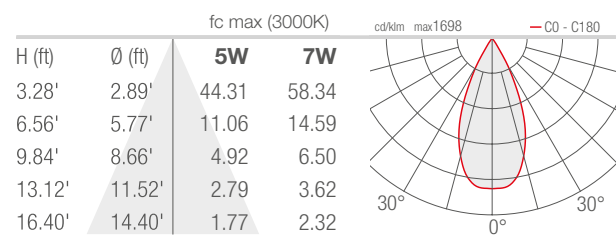
M - 34° CRI 80



L - 45° CRI 80



J - 47° CRI 80



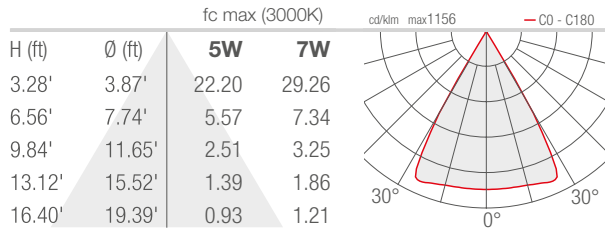
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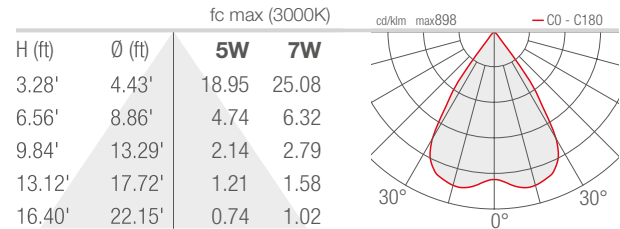
PHOTOMETRIC DATA

Note all Photometry is 3000K, CRI 80

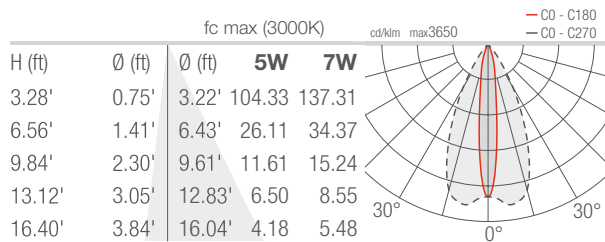
Q - 61° sharp CRI 80



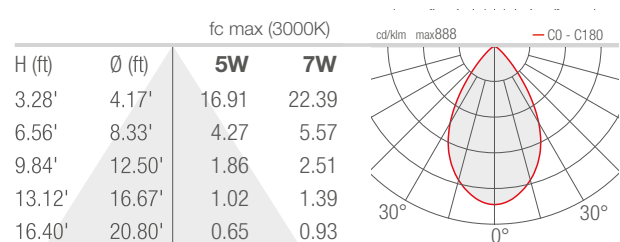
K - 68° CRI 80



W - 13°x52° CRI 80



D - Diffuse - sandblasted



Job Name/Date:

Fixture Type Designation: