

# SMOOTHY 2.4

The Smoothy 2.4 is an adjustable walkover rated LED ingrade uplight for outdoor use with no visible screws. Can also be a downlight when used with the fixing springs accessory. Available in multiple wattages, CRI 80 or 90, RGB (7W only).

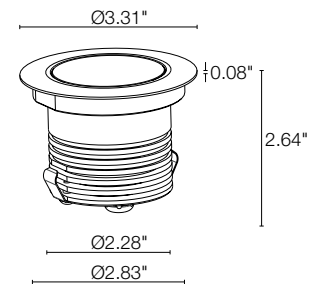
**The Bright 2, Smoothy 2 and Litus 2 series all use the same LED.**

## TECHNICAL DATA

<b>Wattage / Input</b>	3.5W, 5W, 7W (24VDC); 7W (RGB, 700mA)
<b>Power Supply</b>	Remote, not included. See page 2.
<b>Construction</b>	Body: Anodized aluminium Trim: AISI 316L Stainless Steel or Brass Lens: Tempered, transparent (optics version); Sandblasted (diffuse version) extra-clear glass Cable Length: 4.9' standard
<b>CCT</b>	2700K, 3000K, 4000K, RGB (3500K available, consult factory)
<b>CRI</b>	CRI >80, CRI >90
<b>BUG Rating</b>	B0-U3-G0 (3000K, all versions)
<b>Delivered Lumens</b>	See Delivered Lumens Chart (White) 235 lm: (R) 92 lm, (G) 105 lm, (B) 38 lm
<b>Efficacy</b>	57 - 70 lm/W (5W), 53 - 66 lm/W (7W) (White), 34 lm/W (RGB)
<b>Optics</b>	9 Standard (White), 4 Standard (RGB)
<b>Finishes</b>	Stainless Steel or Brass, Custom RAL
<b>Fixture Dimensions</b>	Ø3.31" x 2.64" h
<b>Cut-out Dimension</b>	Ø2.95"
<b>Fixture Weight</b>	0.95 lbs
<b>LED Source</b>	1 High Intensity Power LED (White), 3 power LEDs (RGB)
<b>Lumen Maintenance</b>	L90, B10 >50,000hrs (Ta 25°C)
<b>Color Consistency</b>	3-Step MacAdam (White)
<b>Operating Temp.</b>	-4°F to +113°F
<b>IP Rating</b>	IP67
<b>IK Rating</b>	IK08



Fixture Dimensions



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

## ORDERING INFORMATION

Example: SY24010FVI or SY24010FVI-1. Accessories / Power Supplies ordered separately.

Model #	Wattage	CRI	CCT	Optics (White)	Trim	Cable Length
SY24	00 - 3.5W 01 - 5W 02 - 7W	0 - CRI 80 1 - CRI 90	F - 2700K 5 - 3000K 9 - 4000K* *3.5W 4000K for CRI 80 only	U - 5° (3.5W only) M - 34° V - 8° L - 45° T - 11° Q - 61° sharp S - 17° W - 13°x52° P - 21° sharp D - Diffuse	I - Stainless Steel L - Brass C - Custom RAL (consult factory for "C")	4.92' standard 1 - 16.40' 2 - 32.81' 3 - 49.21' 4 - 65.62'
Model #	Wattage	CRI	CCT	Optics (RGB)		
SY24	32 - 7W (RGB)		6 - RGB	S - 20° L - 45° M - 34° W - 21°x42°		

Job Name/Date:

Fixture Type Designation:

## POWER SUPPLIES 24VDC

Part Number	Description	Input/Output	# of Fixtures		
			3.5W	5W	7W
<a href="#">PPLT00632</a>	0-10V Dimming (Dim to Off)	120-277VAC to 24VDC, 12W, Class 2	1-2	1-1	1-1
<a href="#">PPLT00586</a>	Non-Dim	120-277VAC to 24VDC, 40W, Class 2	1-9	1-6	1-4
<a href="#">PPLT00709</a>	ELV/TRIAC & 0-10V Dimming to 5% and OFF	120-277VAC to 24VDC, 96W, Class 2, DAMP	1-21	1-15	1-10
<a href="#">PPLT00543</a>	0-10V Dimming to 15% (-40°C / -40°F cold weather start)	120-277VAC to 24VDC, 100W, Class 2	3-22	2-16	2-11

### Suggested Lutron Compatible

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures		
						3.5W	5W	7W
<a href="#">PPLT00273</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ or 1% 3-Wire LED Driver	120-277VAC to 24VDC, 40W, Class 2	1-9	1-6	1-4
<a href="#">PPLT00530</a>	L3DAE / L3D0	L3DA/L3D0	100%-1%	Hi-Lume™ 0.1% EcoSystem™ or 3-Wire LED Driver	120-277VAC to 24VDC, 96W, Class 2	1-21	1-15	1-10

### 700mA - RGB

Part Number	Description	Input/Output	# of Fixtures 7W
<a href="#">PPLT00244-P</a>	DMX / RDM (Must advise DMX addresses if not using RDM)	120-277VAC to 700mA, 50W, Class 2	1-5
<a href="#">PPLT00129-P</a>	DMX / RDM (Field Addressable)	120-277VAC to 700mA, 100W, Class 2	1-9

For other power supply options consult factory.

## ACCESSORIES Installation



**WC4020**  
Outer Casing  
For ingrade use

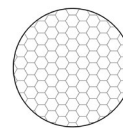


**WG0502**  
Fixing spring  
For ceiling use

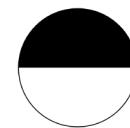


**WL0100**  
Suction cup fixture  
removal tool

## ACCESSORIES Anti-Glare



**WH0203**  
Honeycomb Louvre  
Not available for sharp, diffuse  
and 16°x69° adjustable optics  
on 5° and 8° optics on request



**WE0701S**  
Anti-glare lens  
Half transparent and  
half serigraphed black  
Not available for diffuse or  
RGB optics

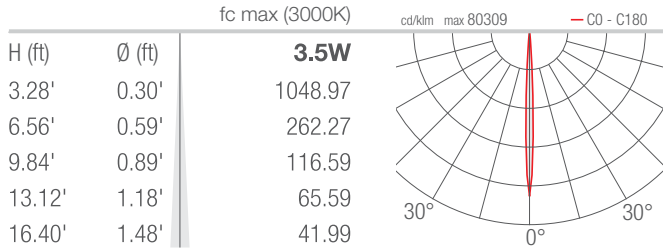
Job Name/Date:

Fixture Type Designation:

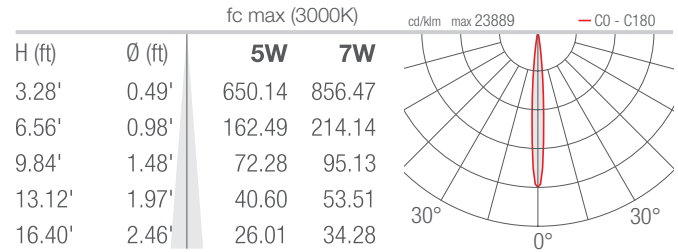
## PHOTOMETRIC DATA

Note all photometry in 3000K, CRI 80

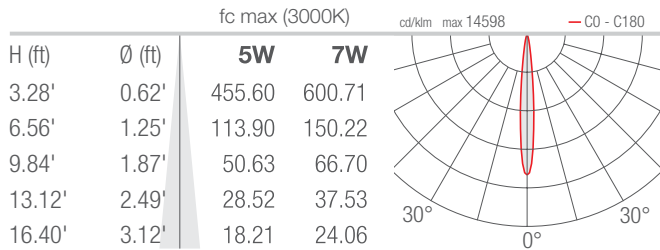
### U - 5° CRI 80



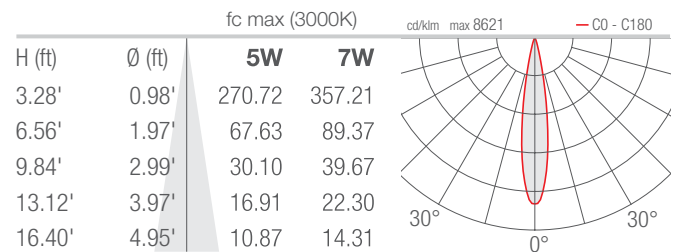
### V - 8° CRI 80



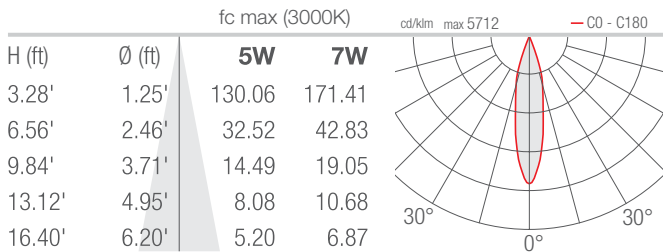
### T - 11° CRI 80



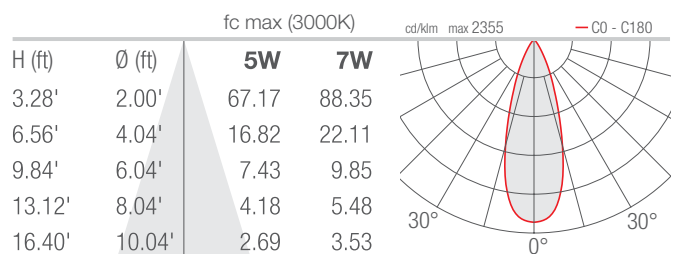
### S - 17° CRI 80



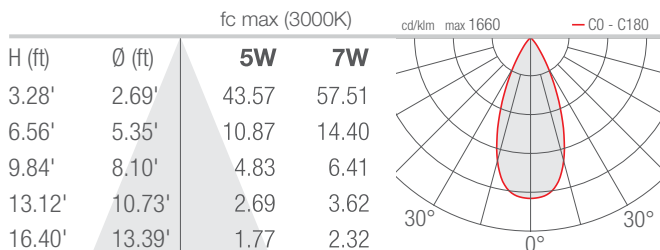
### P - 21° sharp CRI 80



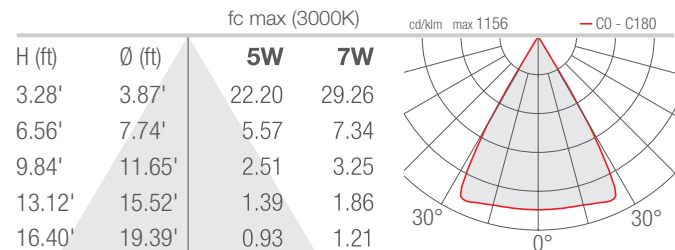
### M - 34° CRI 80



### L - 45° CRI 80



### Q - 61° sharp CRI 80



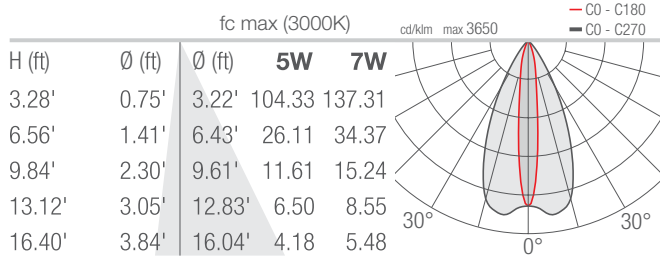
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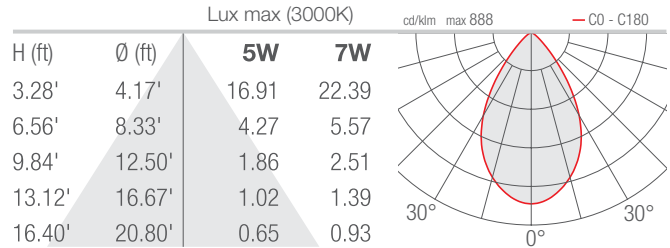
## PHOTOMETRIC DATA

Note: All data in 3000K, CRI 80

### W - 13°x52° CRI 80



### D - Diffuse CRI 80 (Smoothy 2.4)



Job Name/Date:

Fixture Type Designation: