

# SMOOTHY 1.6

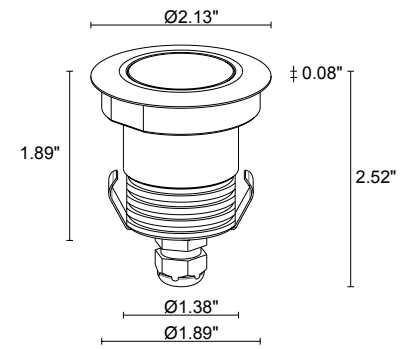
The Smoothy 1 Series are walkover rated LED ingrade uplights for outdoor use with no visible screws. Can also be a downlight when used with the fixing springs accessory. **The Bright 1, Smoothy 1 and Litus 1 series all use the same LED.**

## TECHNICAL DATA

<b>Wattage / Input</b>	2.5W, 3.5W (24VDC)
<b>Power Supply</b>	Remote, not included. See page 2.
<b>Construction</b>	Body: Anodized aluminium Trim: AISI 316L Stainless Steel Lens: Tempered, transparent extra-clear glass (optics version); Sandblasted (diffuse version) Cable Length: 4.9' standard
<b>CCT</b>	2700K, 3000K, 4000K
<b>CRI</b>	CRI >80, CRI >90
<b>Delivered Lumens</b>	See Delivered Lumens Table below
<b>Efficacy</b>	50-56 lm/W (3000K, 2.5W) 47-54 lm/W (3000K, 3.5W)
<b>Optics</b>	6 Standard (see below)
<b>Finishes</b>	Stainless Steel, Custom RAL
<b>Fixture Dimensions</b>	Ø2.13" x 2.52" h
<b>Cut-out Dimension</b>	Ø1.89" (for ceiling installations)
<b>Fixture Weight</b>	0.60 lbs
<b>LED Source</b>	1 Power LED
<b>Lumen Maintenance</b>	L90, B10 >50,000hrs (Ta 25°C)
<b>Color Consistency</b>	1/4 ANSI BIN
<b>Operating Temp.</b>	-4°F to +113°F
<b>IP Rating</b>	IP67
<b>IK Rating</b>	IK07



Fixture Dimensions



<b>Delivered Lumens (3000K, 22°)</b>	2.5W	3.5W
<b>CRI 80</b>	141 lm	188 lm
<b>CRI 90</b>	125 lm	165 lm

## ORDERING INFORMATION

Example: SY160105MI or SY160105MI-2. Accessories / Power Supplies ordered separately.

Model No.	Wattage	CRI	CCT	Optics	Trim	Cable Length
SY160	0 - 2.5W 1 - 3.5W	0 - 80 CRI 1 - 90 CRI	F - 2700K 5 - 3000K 9 - 4000K	S - 13° P - 35° sharp M - 22° L - 48° F - 30° D - Diffuse	I - Stainless Steel C - Custom RAL (consult factory for "C")	4.92' standard 1 - 16.40' 2 - 32.81' 3 - 49.21' 4 - 65.62'

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES 24VDC

Part Number	Description	Input/Output	# of Fixtures	
			2.5W	3.5W
<a href="#">PPLT00632</a>	0-10V Dimming (Dim to Off)	120-277VAC to 24VDC, 12W, Class 2	1-3	1-2
<a href="#">PPLT00056</a>	Non-Dim	120-277VAC to 24VDC, 26W, Class 2, IP66	1-8	1-5
<a href="#">PPLT00157</a>	Non-Dim	120VAC to 24VDC, 60W, Class 2	1-19	1-13
<a href="#">PPLT00599</a>	ELV / TRIAC & 0-10V Dimming (100 to 0%)	120-277VAC to 24VDC, 96W, Class 2	1-30	1-21
<a href="#">PPLT00158</a>	Non-Dim	120VAC to 24VDC, 100W, Class 2	1-32	1-22
<a href="#">PPLT00543</a>	0-10V Dimming to 15% (-40°C / -40°F cold weather start)	120-277VAC to 24VDC, 100W, Class 2	4-32	3-22

For other power supply options consult factory.

## ACCESSORIES

### Installation

Ø1.97"



**WC4010**  
Outer Casing  
*For ingrade use*



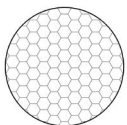
**WG0501**  
Fixing spring  
*For ceiling use*



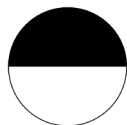
**WL0100**  
Suction cup fixture  
removal tool

## ACCESSORIES

### Anti-Glare



**WH0100**  
Honeycomb Louvre  
*Not available for diffuse optics*



**WE0700S**  
Anti-glare screen  
Half transparent, half serigraphed black  
*Not available for diffuse optics*

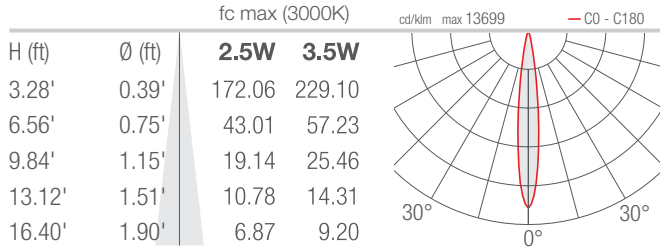
Job Name/Date:

Fixture Type Designation:

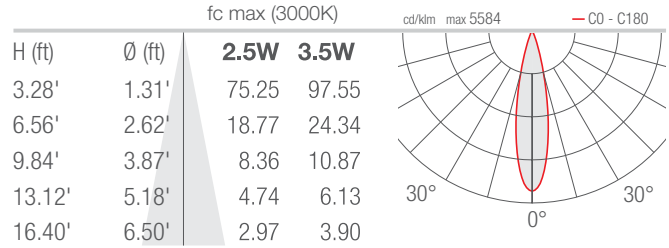
## PHOTOMETRIC DATA

Note: All data in 3000K, CRI 80

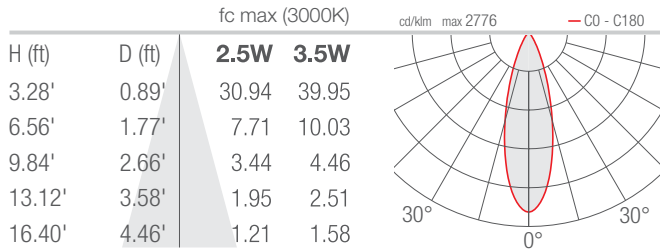
### S - 13° CRI 80



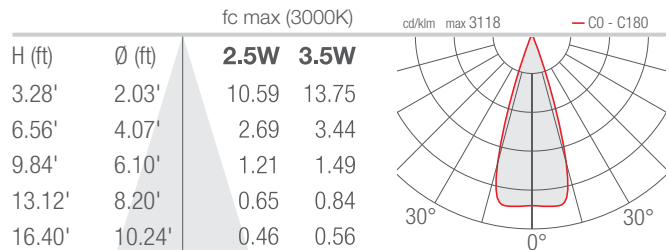
### M - 22° CRI 80



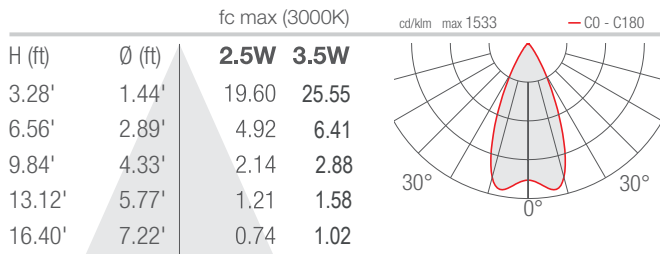
### F - 30° CRI 80



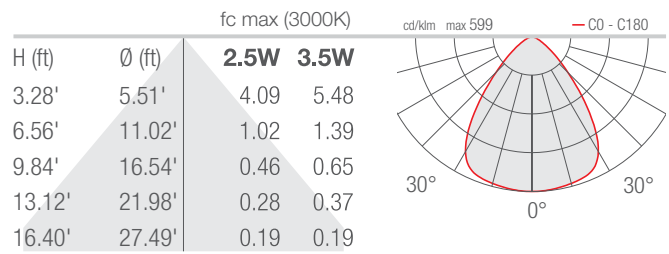
### P - 35° sharp CRI 80



### L - 48° CRI 80



### D - Diffuse CRI 80 (Smoothy 1.6)



Job Name/Date:

Fixture Type Designation: