

PLANET  
LIGHTING

DATASHEET

## PLANET **LED PUCK G6**

### Superior Beam Control Meets Maximum Uniformity

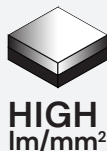
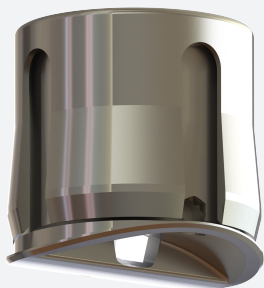
The next revolution in integrated lighting is here. Completely redesigned for superior beam and glare control, the Planet LED Puck G6 combines cutting edge technologies and the extreme versatility of our renowned LED Puck luminaires – now with double the performance in uniformity.

It's everything we believe handrail lighting should be and more.



# LED Puck G6

With an all new glare-free design and equipped with the highest lumen density LED on the Planet, the Planet LED Puck G6 delivers superior beam control and maximum uniformity every time.



## SPECIFICATIONS\*

### TECHNICAL

1.4 W / 500 mA / 2.8 Vf  
3000K - 100lm / 4000K - 165lm  
CRI 90+  
3 Step Macadam Ellipse  
 $L_{90} B_{10} >100,000 h^{\dagger}$

### COLOUR

CCT from 7000K to 2200K,  
Violet, royal blue, blue, PC blue,  
cyan, PC cyan, green, PC mint, PC  
lime, PC yellow, amber, PC amber,  
red-orange, PC red-orange, red, PC  
red, and photo red.

### DISTRIBUTION

Elliptical Asymmetric

### MATERIAL

316 Stainless Steel  
Electropolished

### AMBIENT OPERATING CONDITIONS

min. -40° / max. 55°

### PROTECTION CLASS

IK10

### ELECTRICAL

Coolsplce Connector

\*Specifications are subject to change without notice.

†Test for LED emitter at 500 mA and below 55°C ambient temp.



### INSTALLATION SURFACE

min. 1.5 mm Wall Thickness  
min. Ø35 mm Rail (Curved Face Only)  
Metal substrates



### HOLE SIZE

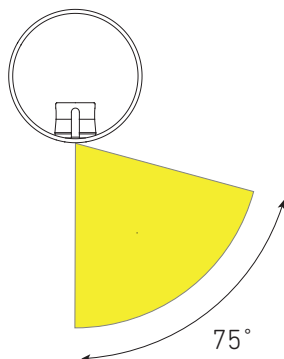
Ø15 mm

### COUNTERBORE

(Required for a flush finish)  
Ø16 mm x 1.6 mm (Curved Face)  
Ø16 mm x 0.5 mm (Flat Face)

### CONTROL

1-10 v | DALI | DMX | ZigBee | Casambi  
Blue Light Link | BasicDIM Wireless

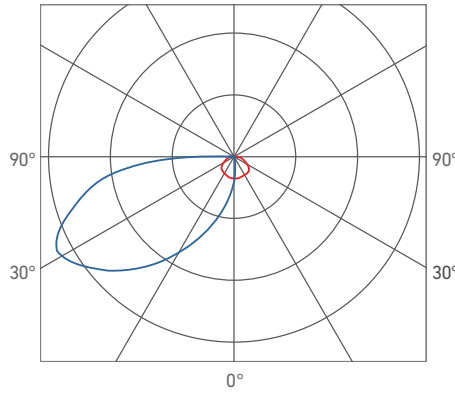
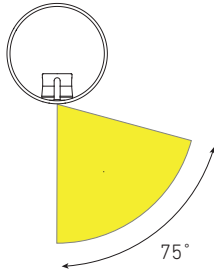


*Elliptical asymmetric distribution with a forward throw and sharp cut off to help eliminate back spill.*

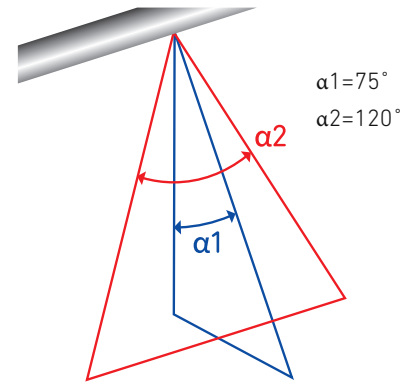


## PHOTOMETRICS

LED Puck G6 has a unique elliptical asymmetric distribution producing an extensive forward throw with high uniformity and no glare. Designed for insertion at 0 degrees from the vertical axis of a handrail's underside, LED Puck G6 illuminates the path but keeps the light source out of sight.



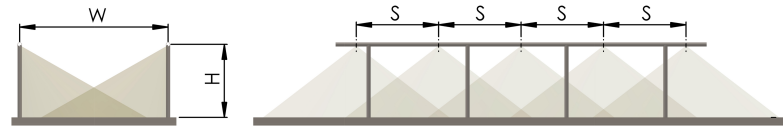
G6 BEAM 4000 K



BEAM ALPHA 4000 K

## LUX GUIDE

The following guide is intended to help designers and engineers with desired lux levels. The drawing to the right shows a typical installation into a handrail. The tables list the average lux at a variety of path widths and LED spacings.



TYPICAL HANDRAIL INSTALLATION

Height (H) is at 1m

Path Width (W)	1.2 m	2.0 m	3.0 m	4.0 m
LED Spacing (S)	lx	lx	lx	lx
0.5m	291	174	116	87
1.0m	145	87	58	44
2.0m	73	44	29	22

### LIGHT FROM BOTH SIDES

lx = average lux

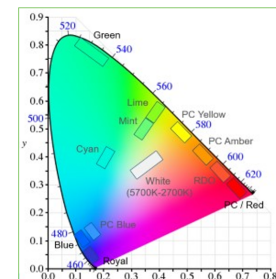
CCT = 4000 K

Note: Calculations indicated are with LED module in vertical down position.

## COLOUR OPTIONS

CCT from 7000K to 2200K, Violet, royal blue, blue, PC blue, cyan, PC cyan, green, PC mint, PC lime, PC yellow, amber, PC amber, red-orange, PC red-orange, red, PC red, and photo red.

White <b>WT</b> Cool		White <b>WT</b> Neutral	White <b>WT</b> Warm	Direct <b>HR</b> 650-670 nm
Direct <b>RY</b> 450-460 nm	Direct <b>BL</b> 460-475 nm	Direct <b>GR</b> 520-535 nm	Direct <b>AM</b> 585-595 nm	Direct <b>RO</b> 610-620 nm
	Direct <b>RD</b> 620-630 nm	Phosphor <b>PB</b> Blue	Phosphor <b>PM</b> Mint	Phosphor <b>PA</b> Amber
	Phosphor <b>PO</b> Red-Orange	Phosphor <b>PR</b> Red		
	Phosphor <b>PC</b> Cyan	Phosphor <b>PL</b> Lime	Phosphor <b>PY</b> Yellow	



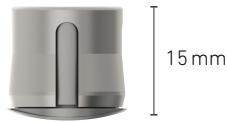
- 15 color options + full white lineup
- Enables wide variety of specialty lighting applications

\*Specifications are subject to change without notice.

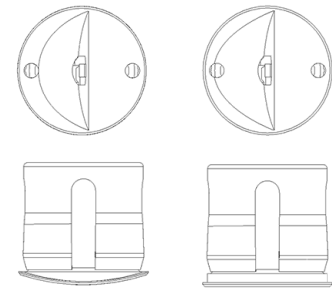


## LUMINAIRE DETAIL

Patented push to snap in collapsible shell module for quick and secure installation. Available in curved or flat face. Custom curvature <35mm is also available.



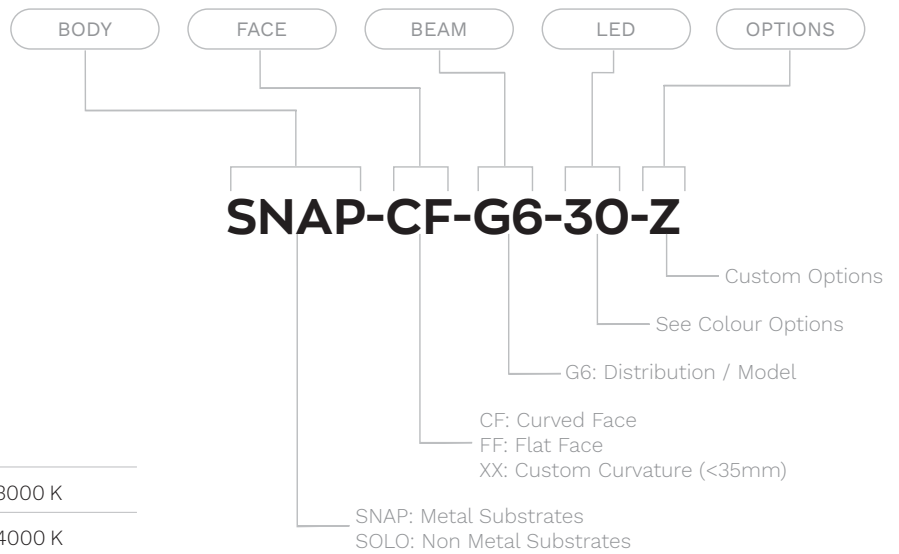
Quick Installation: Push to Snap In



Curved or Flat Face

## PRODUCT CODE BUILDER

Spec Your Led Puck The Way You Want It! See our Spec Your LED Puck info sheets or website for more configuration options.



## TYPICAL SPECIFICATIONS

Product Code	Specifications
SNAP-CF-G6-30	Snap Body, Curved Face, G6, 3000 K
SNAP-CF-G6-40	Snap Body, Curved Face, G6, 4000 K
SNAP-FF-G6-30	Snap Body, Flat Face, G6, 3000 K
SNAP-FF-G6-40	Snap Body, Flat Face, G6, 4000 K



### Ask Us.

Your success is important to us. Get in touch with your Planet LED Puck supplier today.

DATASHEET

LED PUCK G6

