

DATASHEET

## PLANET **LED PUCK**

### **SNAP WIDE**

LED Puck Wide has a beam pattern optimised for mid-rail and widely spaced lights. Wide is perfect for cost effective emergency lighting, and for long-distance applications such as, metro and rail.

Originally developed for long-distance and emergency lighting applications such as road or rail tunnels, Wide has a beam pattern that is optimised for the widest spacing between light points — up to 5 metres — without compromising uniformity.



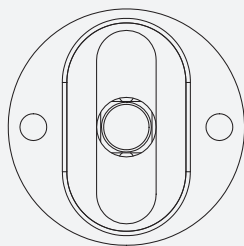
PLANET  
**LIGHTING**



# SNAP WIDE

Wide gives you an extremely energy efficient system with up to 172 lm/w at the emitter, and over 120lm/w total system efficiency (including gear losses).

That's light for the long run — without costing the earth.



## TYPICAL SPECIFICATIONS

Product Code	Specifications
SNAP-CF-WD-27	Snap Body, Curved Face, Wide Beam, 2700K
SNAP-CF-WD-30	Snap Body, Curved Face, Wide Beam, 3000K
SNAP-CF-WD-40	Snap Body, Curved Face, Wide Beam, 4000K
SNAP-FF-WD-27	Snap Body, Flat Face, Wide Beam, 2700K
SNAP-FF-WD-30	Snap Body, Flat Face, Wide Beam, 3000K
SNAP-FF-WD-40	Snap Body, Flat Face, Wide Beam, 4000K

## SPECIFICATIONS\*

### TECHNICAL

1.4W / 500mA / 2.8Vf  
3000K - 172m / 4000K - 182lm  
CRI 80+ (CRI 90+ OPTION)  
3 STEP MACADAM ELLIPSE  
L90 B10 >100,000h

### OPTICS

POLYCARBONATE (STANDARD)  
BOROSILICATE (OPTION)

### DISTRIBUTION

WIDE ELLIPTICAL

### MATERIAL

316 STAINLESS STEEL  
ELECTROPOLISHED

### AMBIENT OPERATING CONDITIONS

min. -40° / max. 55°

### PROTECTION CLASS

POLYCARBONATE IP65 / IK10  
BOROSILICATE IP67 (OPTION)

### ELECTRICAL

COOLSPICE CONNECTOR

### INSTALLATION SURFACE

MIN. 1.5mm WALL THICKNESS  
MIN. Ø35mm RAIL (CURVED FACE ONLY)



### HOLE SIZE

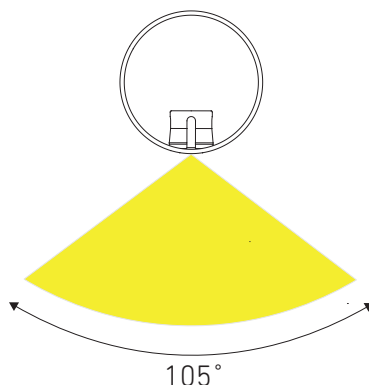
Ø15mm

### COUNTERBORE

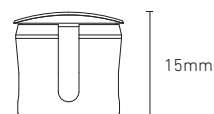
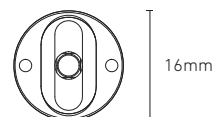
(REQUIRED FOR FLUSH FINISH)  
Ø16mm x 1.6mm (Curved Face)  
Ø16mm x 0.5mm (Flat Face)

### CONTROL

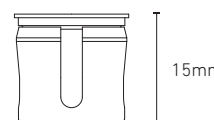
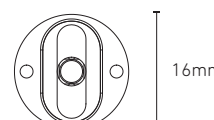
1-10V | DALI | DMX | ZIGBEE | CASAMBI  
BLUE LIGHT LINK | basicDIM WIRELESS



Wide elliptical distribution displayed here with a vertical mount.



Curved Face



Flat Face

## Ask Us.

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

\*Specifications are subject to change without notice.  
†Test for LED emitter at 500 mA and below 55°C ambient temp.

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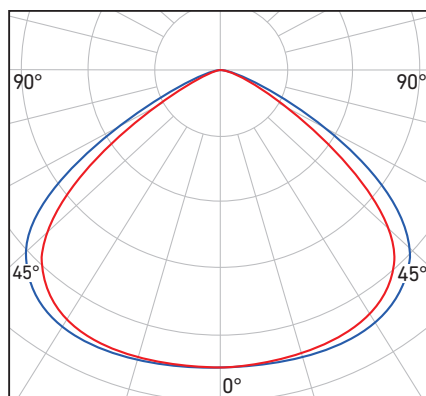
SNAP WIDE



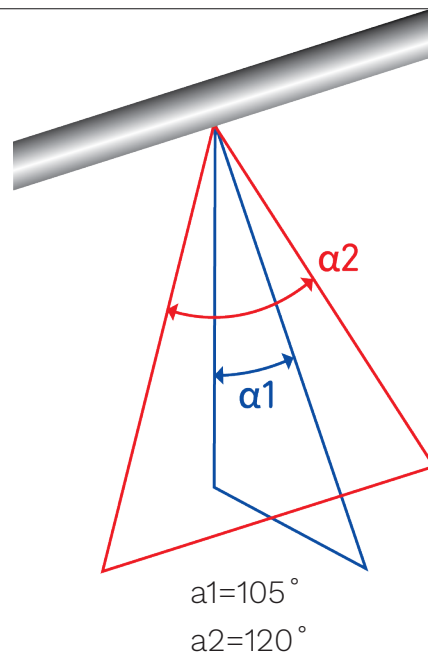
## PHOTOMETRICS

Wide has a specially designed very wide elliptical distribution with no sharp cut off. Typical for mounting in the underside of a handrail at vertical down position.

## WIDE BEAM 3000K



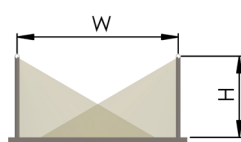
## BEAM ALPHA 3000K



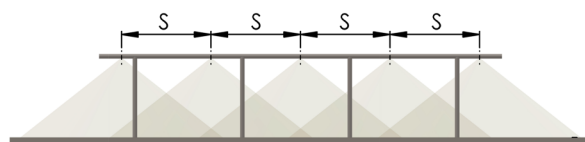
## LUX GUIDE

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 INSTALLATION



Height (H) is at 1m



### WIDE BEAM: LIGHT FROM BOTH SIDES

Path Width (W)	1.2m	2.0m	3.0m	4.0m
LED Spacing (S)	lx	lx	lx	lx
0.5m	222	133	89	67
1.0m	111	67	44	33
2.0m	56	33	22	17

lx = average lux

CCT = 3000K

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

