



DATASHEET

# PLANET **LED PUCK** SNAP ASYMMETRIC

Snap is the world-leading series of integrated LED modules for handrail. Designed for exceptional efficiency, durability and photometric performance. Compact and impact-resistant, Snap also features a patented collapsible shell design for a quick, snap-in install. The result is a secure and discreetly flush finish. It's versatile and elegant handrail lighting — in a snap.

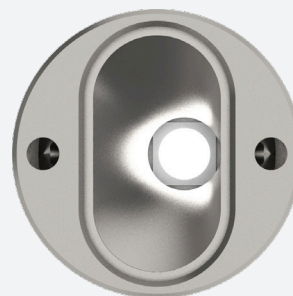


PLANET  
**LIGHTING**



# SNAP ASYMMETRIC

5 years warranty is just the beginning. We design and manufacture entirely in our purpose built Australian facility. Snap is vandal resistant and impact rated to IK10, and each and every Snap mini puck is burned in to ensure the light you receive performs as it should.



## SPECIFICATIONS\*

### TECHNICAL

1.4W / 500mA / 2.8Vf  
3000K - 165lm / 4000K - 175lm  
CRI 80+ (CRI 90+ OPTION)  
3 STEP MACADAM ELLIPSE  
L90 B10 >100,000h

### OPTICS

POLYCARBONATE (STANDARD)  
BOROSILICATE (OPTION)

### DISTRIBUTION

ELLIPTICAL ASYMMETRIC

### 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

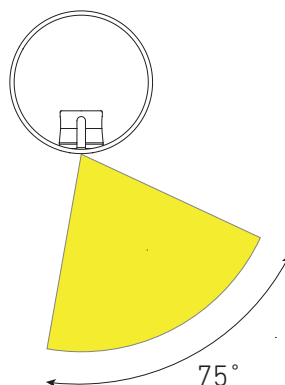


### COUNTERBORE

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

### CONTROL

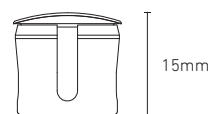
1-10V | DALI | DMX | ZIGBEE | CASAMBI  
BLUE LIGHT LINK | basicDIM WIRELESS



Elliptical asymmetric distribution displayed here with a vertical mount.

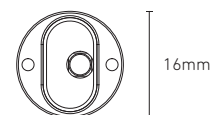


16mm

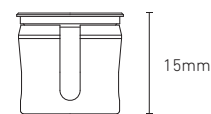


15mm

### Curved Face



16mm



15mm

### 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 ASYMMETRIC

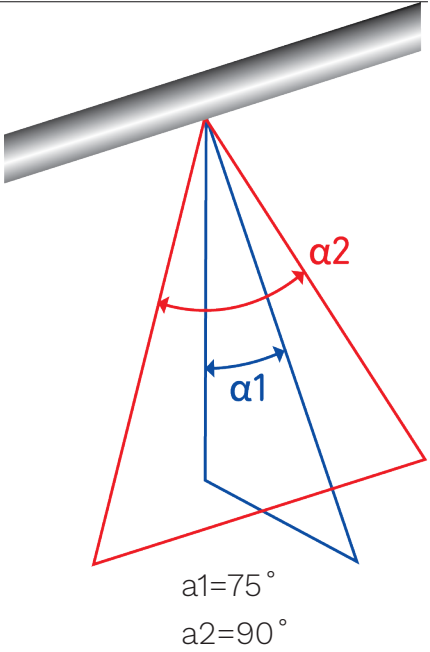
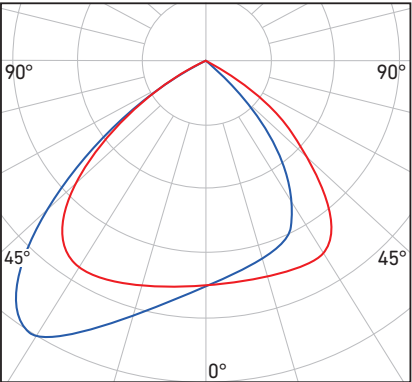
PLANET  
LED PUCK



PLANET  
LIGHTING



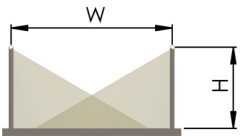
Snap Asymmetric has an elliptical asymmetric distribution. Designed for insertion at 0-10 degrees from the vertical axis of the handrail underside. The asymmetric beam illuminates the path but keeps the light source out of sight. Snap is available in a range of standard distributions and special angles on request.



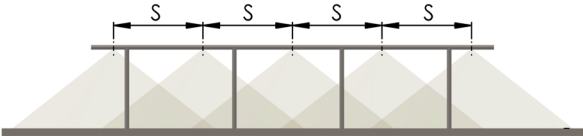
LUX GUIDE

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



ASSYMETRIC BEAM: LIGHT FROM BOTH SIDES

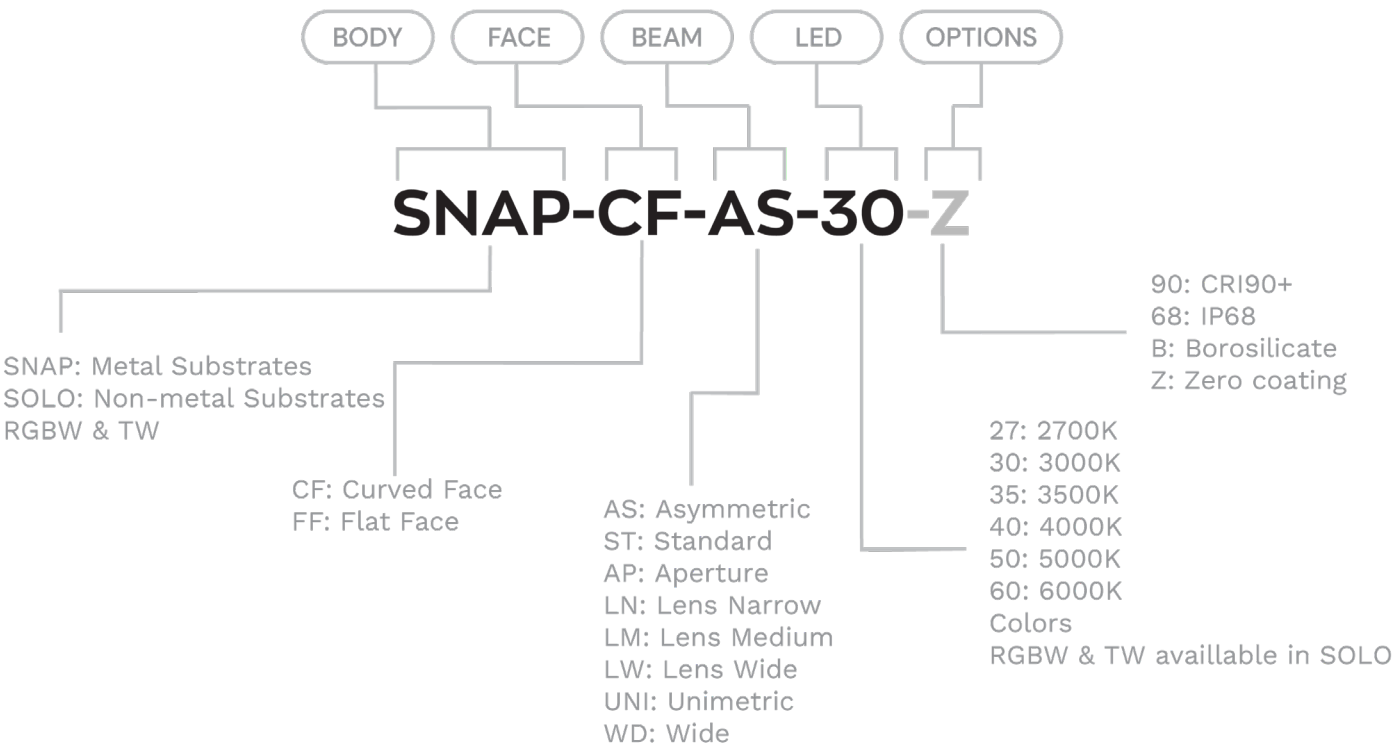
Path Width (W)	1.2m	2.0m	3.0m	4.0m
LED Spacing (S)	lx	lx	lx	lx
0.5m	291	174	116	87
1.0m	145	87	58	44
2.0m	73	44	29	22

lx = average lux  
CCT = 3000K  
Note: Calculations indicated are with LED module in vertical down position.

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SNAP ASYMMETRIC CODE BUILDER



TYPICAL SPECIFICATIONS

Product Code	Specifications
SNAP-CF-AS-30	SNAP Curved Face Asymmetric Beam 3000K
SNAP-CF-AS-40	SNAP Curved Face Asymmetric Beam 4000K
SNAP-FF-AS-30	SNAP Flat Face Asymmetric Beam 3000K
SNAP-FF-AS-40	SNAP Flat Face Asymmetric Beam 4000K



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