



DATASHEET

PLANET LED PUCK

ZERO AS

With a unique anti-glare lens coating, LED Puck ZERO makes discreet, atmospheric lighting finally a reality. Featuring a compact and inconspicuous LED module — measuring only 15mm in diameter — ZERO gives a seamless handrail integration at an unparalleled uniformity. ZERO is for designers and engineers that need it all: control of the lighting, and the experience — minus the glare.

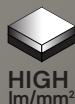
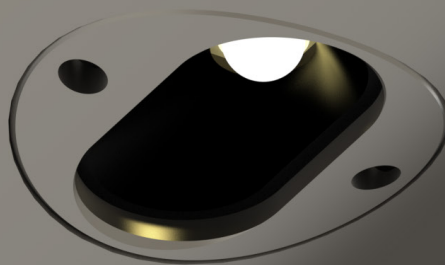


PLANET
LIGHTING



ZERO AS

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.



TYPICAL SPECIFICATIONS

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

SPECIFICATIONS*

TECHNICAL

1.4W / 500mA / 2.8Vf
3000K - 92lm / 4000K - 101lm
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

COOLSPLICE CONNECTOR

INSTALLATION SURFACE

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



HOLE SIZE

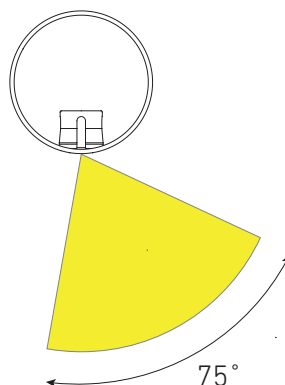
Ø15mm

COUNTERBORE

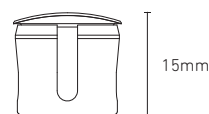
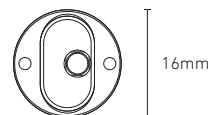
(REQUIRED FOR FLUSH FINISH)
Ø16mm x 1.6mm (Curved Face)
Ø16mm x 0.5mm (Flat Face)

CONTROL

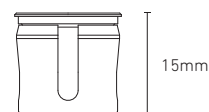
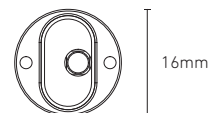
1-10V | DALI | DMX | ZIGBEE | CASAMBI
BLUE LIGHT LINK | basicDIM WIRELESS



Elliptical asymmetric distribution displayed here with a vertical mount.



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.

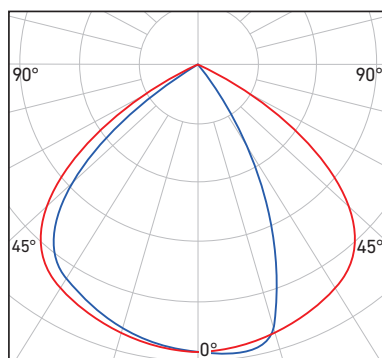
†Test for LED emitter at 500 mA and below 55°C ambient temp.



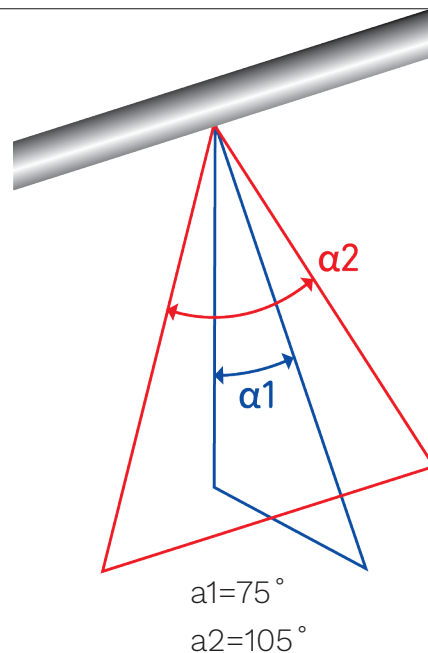
PHOTOMETRICS

ZERO AS 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. ZERO is available in a range of standard distributions and special angles on request.

ASYMMETRIC BEAM 3000K



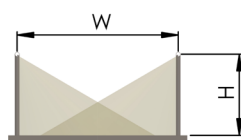
BEAM ALPHA 3000K



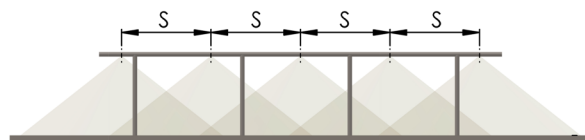
LUX GUIDE

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



lx = average lux

CCT = 3000K

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

ASYMMETRIC 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	164	98	66	49
1.0m	82	49	33	25
2.0m	41	25	16	12

