

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.

PRODUCT CODE	SPECIFICATION
SNAP-AS-CF-30	Snap Asymmetric Beam Curved Face 3000K
SNAP-AS-CF-40	Snap Asymmetric Beam Curved Face 4000K
SNAP-AS-FF-30	Snap Asymmetric Beam Flat Face 3000K
SNAP-AS-FF-40	Snap Asymmetric Beam Flat Face 4000K



SPECIFICATIONS

TECHNICAL

1.4W / 500mA / 2.8Vf
3000K - 165lm / 4000K - 175lm
CRI 80+ (CRI 90+ OPTION)
3 STEP MACADAM ELLIPSE
B₅₀ L₇₀ >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)

APERTURE

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

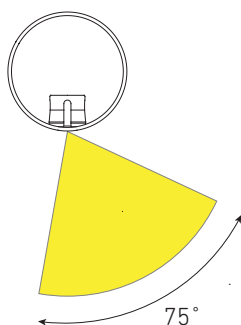


OPTIONS

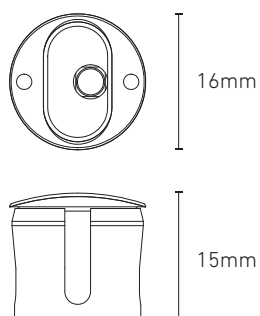
CCT 2700K / 3500K / Custom
Custom Beam Angles
Borosilicate Lens
CRI 90+

BEAM AND FACE DETAIL

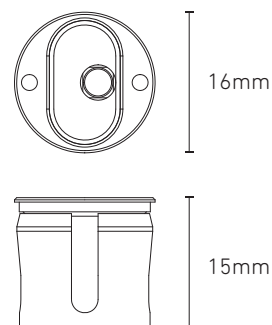
ASYMMETRIC BEAM (FWHM)



CURVED FACE



FLAT FACE



Elliptical asymmetric distribution displayed here with a vertical mount.

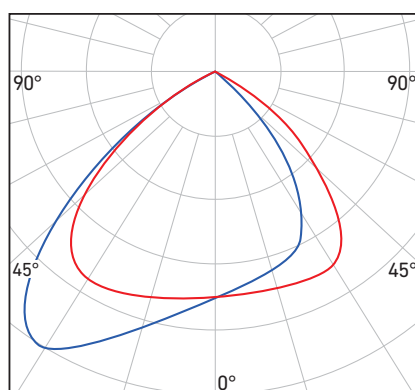
planetlighting.com/led-puck

SNAP ASYMMETRIC

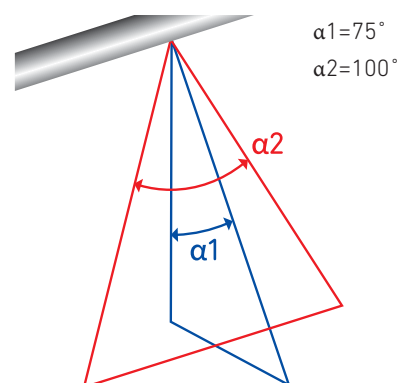
PHOTOMETRICS

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.

ASYMMETRIC BEAM 3000K



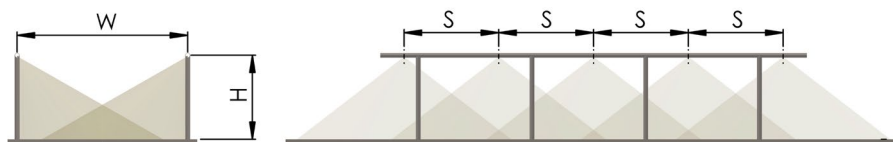
BEAM ALPHA 3000K



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

STANDARD 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.