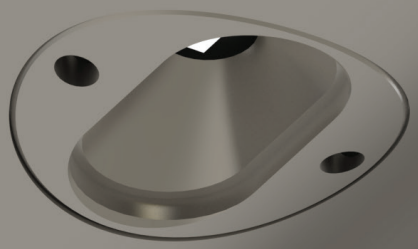


DATASHEET

PLANET
LED PUCK

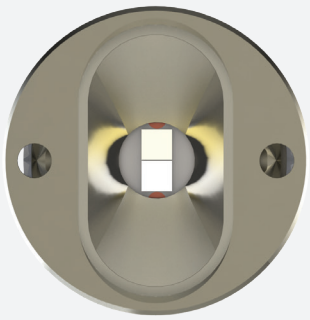
SOLO Tunable White

Make lighting design easy with LED Puck SOLO Tunable White. Enjoy exceptional design versatility with dynamic colour temperature and brightness control, all without sacrificing discretion. It's the Tunable White for professionals in the smallest

PLANET
LIGHTING

SOLO TUNABLE WHITE

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



TYPICAL SPECIFICATIONS

Product Code	Specifications
SNAP-SOLO-CF-ST-TW-30	SNAP Body, Curved Face, Standard Beam, Tunable White, 3000K
SNAP-SOLO-FF-ST-TW-40	SNAP Body, Flat Face, Standard Beam, Tunable White, 4000K
SNAP-SOLO-FF-LN-TW-40	SNAP Body, Flat Face, Lens Beam, Tunable White, 4000K
SNAP-SOLO-FF-WD-TW-30	SNAP Body, Flat Face, Wide Beam, Tunable White, 3000K

LED BY CREE · ANTI GLARE · HIGH lm/mm² · SUPERIOR BEAM CONTROL · 5 YEAR WARRANTY

FAST INSTALL · DESIGN VERSATILITY · WEATHER RESISTANT · IMPACT RESISTANT · MADE IN AUSTRALIA

SPECIFICATIONS*

CE

TECHNICAL
1.4W / 500mA / 2.8Vf
3000K - 170lm / 4000K - 180lm
CRI 80+ (CRI 90+ OPTION)
3 STEP MACADAM ELLIPSE
L90 B10 >100,000h
CCT 2700K - 6500K

IK10 · IP68 · &PLAY · TW

OPTICS
POLYCARBONATE (STANDARD)
BOROSILICATE (OPTION)

DISTRIBUTION
ELLIPTICAL SYMMETRIC

MATERIAL
316 STAINLESS STEEL
ELECTROPOLISHED

LIGHTING INDUSTRY ASSOCIATION 2.6 TM66 CIRCULARITY 012-0138 LIA

AMBIENT OPERATING CONDITIONS
min. -40° / max. 55°

PROTECTION CLASS
Standard: Polycarbonate IP65/IK10
Optional: Borosilicate IP67, fire resistant
Optional: Polycarbonate IP68/IK10
Optional: Borosilicate IP68, fire resistant

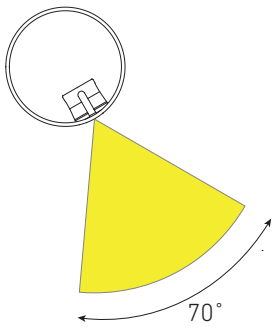
ELECTRICAL
PLUG & PLAY WATERPROOF CONNECTOR

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

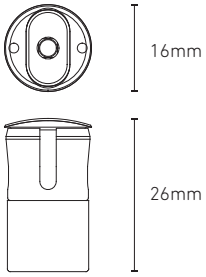
HOLE SIZE
Ø15mm

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

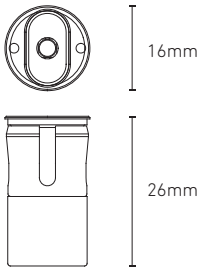
CONTROL
DALI2 DT8 | CUSTOM



Elliptical symmetric distribution for typical mounting at 30° from vertical



Curved Face



Flat Face

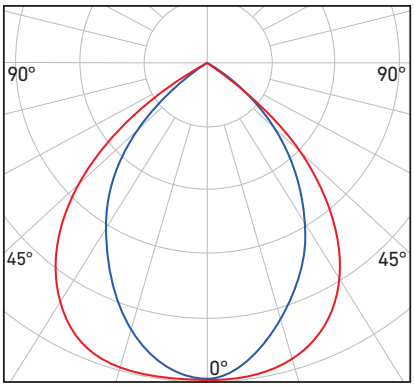
Ask Us.
Your success is important to us.
Get in touch with your
Planet LED Puck supplier today.

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

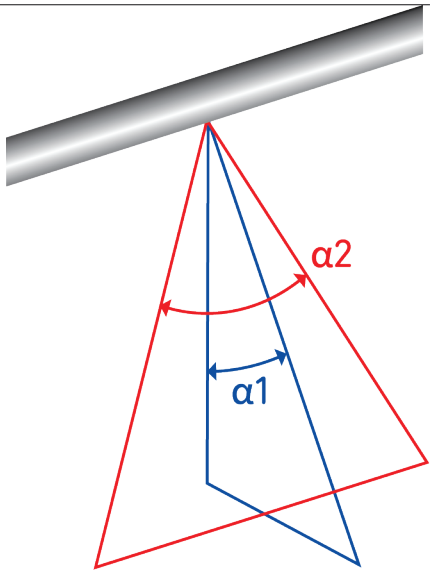
PHOTOMETRICS

Tunable White Standard has an elliptical symmetric distribution. For installation in handrail, mounting is typically at 30° from the vertical axis of the handrail underside. Tunable White is available in a range of distributions and special angles on request.

STANDARD BEAM 3000K



BEAM ALPHA 3000K



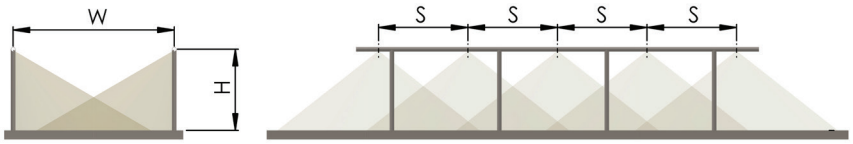
a1=70°

a2=90°

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 installed at 30° offset from vertical down axis.

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	342	205	137	103
1.0m	171	103	68	51
2.0m	86	51	34	26