PLANET
LED PUCK

DATASHEET

RGBW STANDARD

Infuse vibrant and emotive colour into any lighting project simply and efficiently. RGBW's Plug & Play design and patented snap-in collapsible shell module make installation quicker and easier than ever. And with an advanced thermal body, RGBW installation is possible in a range of materials including metal, wood, plaster and masonry.

TYPICAL SPECIFICATIONS

Product Code	Specifications
SNAP-SOLO-CF-ST-RGBW	Solo Body, Curved Face, Standard Beam, RGBW
SNAP-SOLO-FF-ST-RGBW	Solo Body, Flat Face, Standard Beam, RGBW

CREE IP65 IP67 IK10 5 YEAR Intertek Intertek

ETLus conforms to UL2108
cETL conforms to CSA C22.2 #250.0

Spec Your Led Puck
The Way You Want It!
See our *Spec Your LED Puck* info sheets for more configuration options

SPECIFICATIONS*

Technical
1.4 W / 500 mA / 2.8 Vf
4000K - 180lm
CRI 80+ (CRI 90+ OPTION)
3 Step Macadam Ellipse
L_{90} B_{10} >100,000 h†

Optics
Polycarbonate (Standard)
Borosilicate (Option)

Material
Electropolished 316 Stainless Steel

Ambient Operating Conditions
min. -40° / max. 55°

Protection Class
Polycarbonate IP65 / IK10
Borosilicate IP67 (Option)

Electrical
Waterproof Plug & Play Connectors

Installation Surface
min. 1.5 mm Wall Thickness
min. Ø45 mm Rail (Curved Face Only)

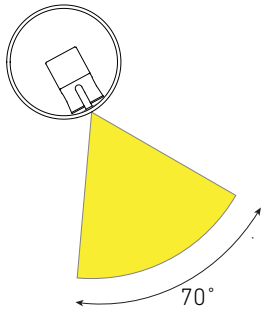
Hole Size
Ø15 mm

Counterbore
(Required for a flush finish)
Ø16 mm x 1.6 mm (Curved Face)
Ø16 mm x 0.5 mm (Flat Face)

Control
1-10 v | DALI | DMX | ZigBee | Casambi
Blue Light Link | BasicDIM Wireless

LUMINAIRE DETAIL

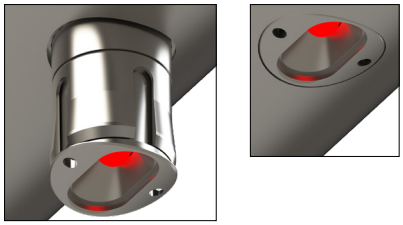
Distribution



Elliptical symmetric distribution for typical mounting at 30° from vertical

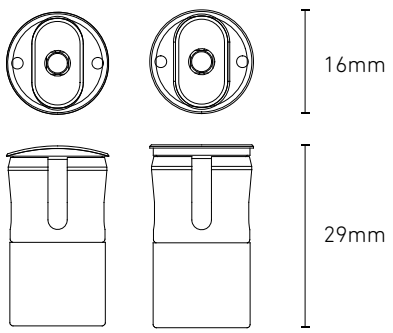
Snap-In Solo Body

RGBW's thermally advanced Solo body makes it suitable for insertion into both metal and non-metal substrates.



Patented push to snap-in collapsible shell module for quick installation.

Curved or Flat Face



Available in curved or flat face.

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

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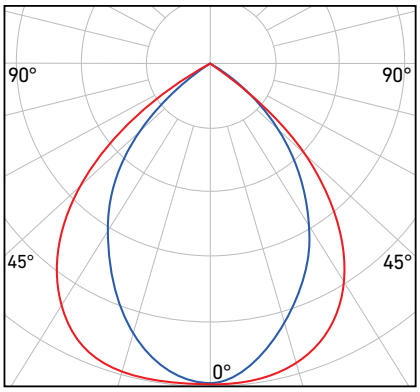
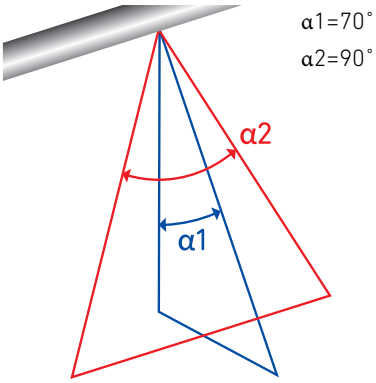
PHOTOMETRICS

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

STANDARD BEAM 4000K



BEAM ALPHA 4000K

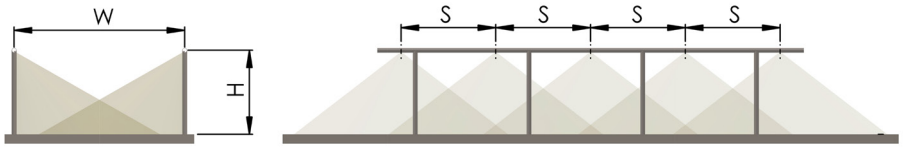


Results displayed were obtained using white chip at 500mA

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	380	228	152	114
1.0m	190	114	76	57
2.0m	95	57	38	28

lx = average lux
CCT = 4000K
Calculations indicated are with LED module installed at 30˚ offset from vertical down axis and obtained using white chip at 500mA.