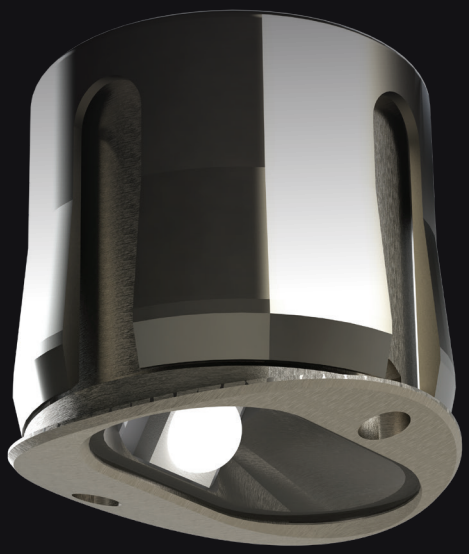
PLANET
LIGHTING



DATASHEET

PLANET
LED PUCK
SNAP

UNI 2.0

Superior Beam Control Meets Maximum Uniformity

The next revolution in integrated lighting and uniformity performance is here.

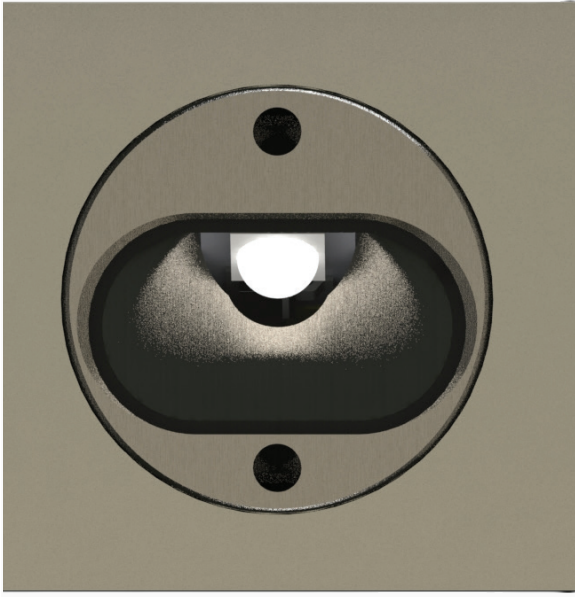
SNAP Uni 2.0 is a completely redesigned and optimised SNAP luminaire for superior beam and glare control – now providing up to double the performance in uniformity.

It's everything we believe handrail lighting should be, and more.

SNAP UNI 2.0

The next revolution in integrated lighting and uniformity performance is here.

SNAP Uni 2.0 combines the best of our Planet LED Puck SNAP family with an all-new design for exceptional beam and glare control, now delivering up to twice the uniformity performance.



SPECIFICATIONS*

IK10 IP65 CE ETL US Intertek C ETL US Intertek

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

LIGHTING INDUSTRY ASSOCIATION TM66 CIRCULARITY 2.6 012-0138 LIA

Technical
1.4W / 500mA / 2.8Vf
Up to 35 Snaps per driver
L90 B10 >100,000 hours
3 STEP MACADAM ELLIPSE

LUMENS
4000K / 80CRI – 189lm

Lighting Options
1800/2200K / 2700K / 3000K / 3500K / 4000K / 5000K / 6500K colour temperature
CRI 70+ / 80+ / 90+
Colours - Royal blue, blue, green, PC amber, amber, red-orange, red, photo red, far red.
> Zero Glare Coating

Distribution
Elliptical Asymmetric 75°

Material
316 Stainless Steel
Electropolished / Raw Brass/ RAL Finishing

Installation Surface
< min. 1.5mm Wall Thickness
< min. Ø35mm Rail (CURVED FACE ONLY)

Ambient Operating Conditions
Min. -40°C / Max. 55°C

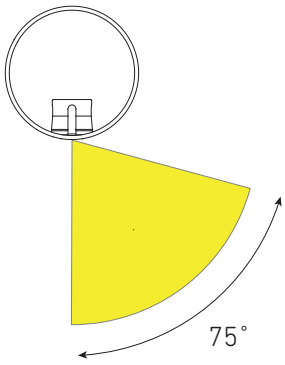
Electrical
Coolsplice Connector

Protection Class
Standard: Polycarbonate IP65/IK10
Optional: Borosilicate IP67, fire resistant
Optional: Polycarbonate IP68/IK10
Optional: Borosilicate IP68, fire resistant

Counterbore
(Counterbore is required for a flush finish)
- » Ø16mm x 0.5mm (Flat Face)
- » Ø16mm x 1.6mm (Curved Face)
- » Drill Jig used to achieve correctly prepared counterbore

- Hole Size:
  - » Ø15mm

Control
1-10V | DALI | DMX | Casambi | BasicDIM
Wireless



SNAP Uni's elliptical asymmetric distribution has a forward throw and sharp cut off to help eliminate back spill.

Engineer the experience with SNAP Uni 2.0.

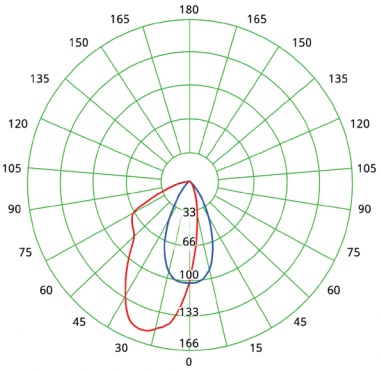
LED BY CREE
ANTI GLARE
HIGH lm/mm²
SUPERIOR BEAM CONTROL
FAST INSTALL
DESIGN VERSATILITY
WEATHER RESISTANT
IMPACT RESISTANT
5 YEAR WARRANTY
MADE IN AUSTRALIA

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

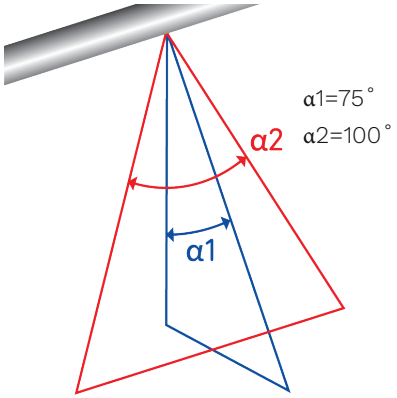
*Specifications are subject to change without notice.

PHOTOMETRICS

SNAP Uni 2.0 has a unique elliptical asymmetric distribution producing an extensive forward throw with high uniformity and no glare. Designed for insertion at 0 degrees from the vertical axis of a handrail's underside, Uni illuminates the path but keeps the light source out of sight.



SNAP Uni 2.0 beam



LED OPTIONS

CCT from 1800K to 6500K

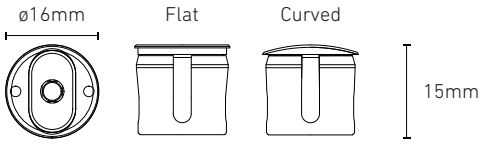
Also available in 9 colours:
Royal blue, blue, green, PC amber, amber, red-orange, red, photo red, far red

1800K (18)
2200K (22)
2700K (27)
3000K (30)
3500K (35)
4000K (40)
5000K (50)
6500K (65)

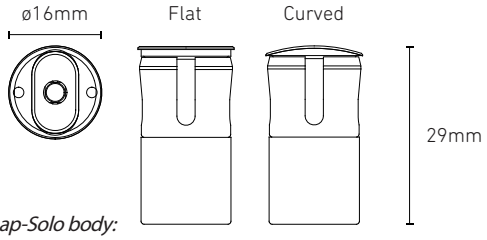
LUMINAIRE DETAIL

Featuring a push-to-snap-in design, SNAP Uni's collapsible shell module enables a quick and secure installation. Available in curved or flat face. Custom curvature <35mm is also available.

Suitable for a range of rail types, square and curved as well as surface types including metal, timber, plaster and stone.



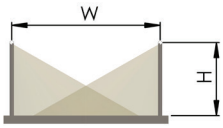
Snap body: For metal substrates



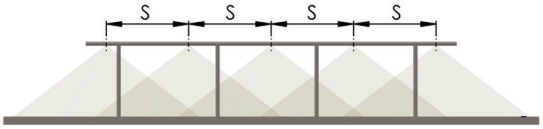
Snap-Solo body:
For non-metal substrates as well as RGBW & tunable white luminaires

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 handrail installation



Height (H) is at 1m

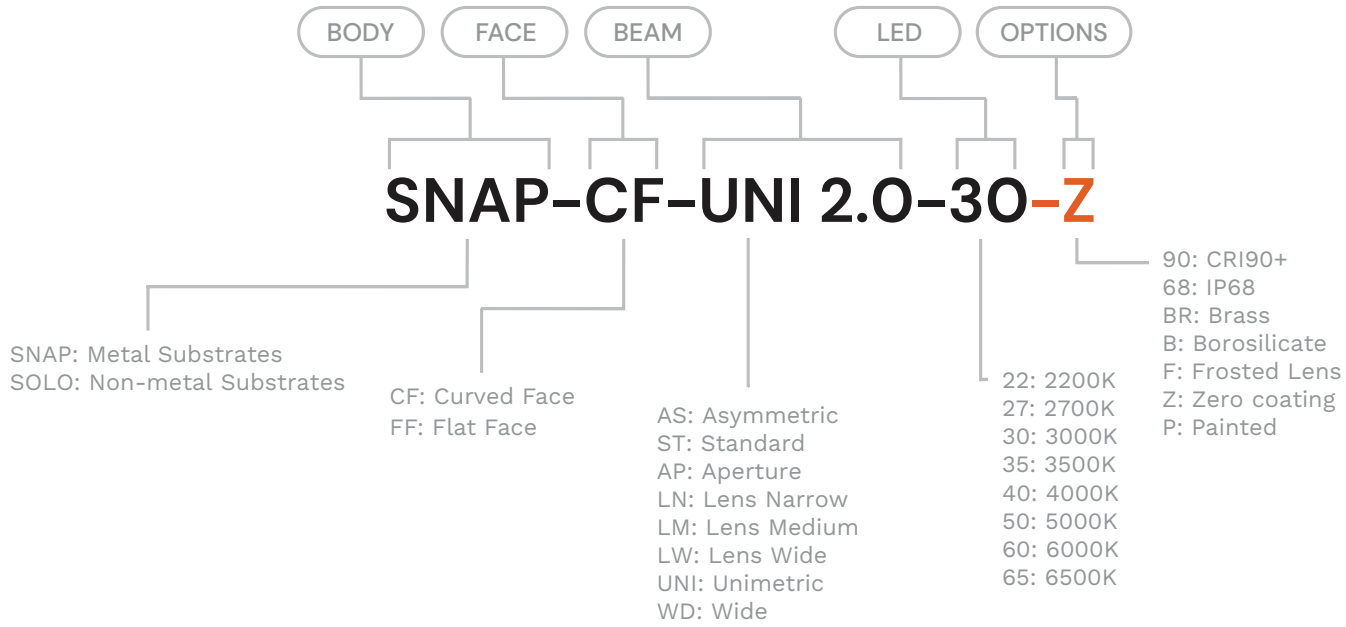
Path Width (W)	1.2 m	2 m	3 m	4 m
LED Spacing (S)	lx	lx	lx	lx
0.5m	384	276	192	148
1m	192	138	96	74
2m	96	69	48	37

Light from both sides

lx = average lux
CCT = 4000K
Note: Calculations indicated are with LED module in vertical down position.

PRODUCT CODE BUILDER

See our Spec Your Planet LED Puck info sheets or website for more configuration options.



TYPICAL SPECIFICATIONS

Product Code	Specifications
SNAP-CF-UNI 2.0-30	Snap Body, Curved Face, Uni, 3000K
SNAP-CF-UNI 2.0-40	Snap Body, Curved Face, Uni, 4000K
SNAP-FF-UNI 2.0-30	Snap Body, Flat Face, Uni, 3000K
SNAP-FF-UNI 2.0-40	Snap Body, Flat Face, Uni, 4000K

Note: Zero coating is not available in IP68.

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.

DATASHEET SNAP UNI