

# SNAP STANDARD

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-ST-CF-30	Snap Standard Beam Curved Face 3000K
SNAP-ST-CF-40	Snap Standard Beam Curved Face 4000K
SNAP-ST-FF-30	Snap Standard Beam Flat Face 3000K
SNAP-ST-FF-40	Snap Standard Beam Flat Face 4000K










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

## SPECIFICATIONS

### TECHNICAL

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

### OPTICS

POLYCARBONATE (STANDARD)  
BOROSILICATE (OPTION)

### DISTRIBUTION

ELLIPTICAL SYMMETRIC

### MATERIAL

316 STAINLESS STEEL  
ELECTROPOLISHED

### AMBIENT OPERATING CONDITIONS

MIN. -40° / MAX. 55°

### PROTECTION CLASS

POLYCARBONATE IP65 / IK10  
BOROSILICATE IP67 (OPTION)

### ELECTRICAL

COOLSPICE CONNECTOR



### OPTIONS

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

### INSTALLATION SURFACE

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

### APERTURE

Ø15mm

### COUNTERBORE

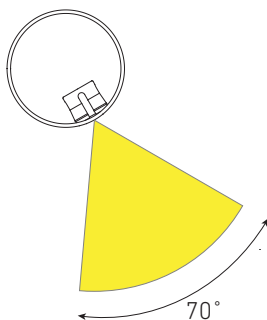
(REQUIRED FOR FLUSH FINISH)  
Ø16mm x 1.6mm (Curved Face)  
Ø16mm x 0.5mm (Flat Face)

### CONTROL

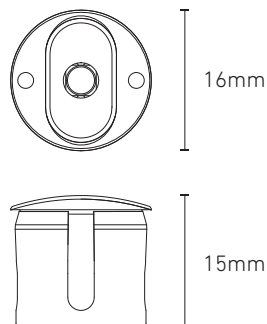
1-10V | DALI | DMX | ZIGBEE | CASAMBI  
BLUE LIGHT LINK | basicDIM WIRELESS

## BEAM AND FACE DETAIL

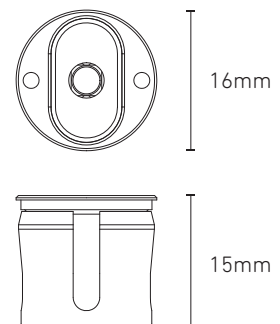
### STANDARD BEAM (FWHM)



### CURVED FACE



### FLAT FACE



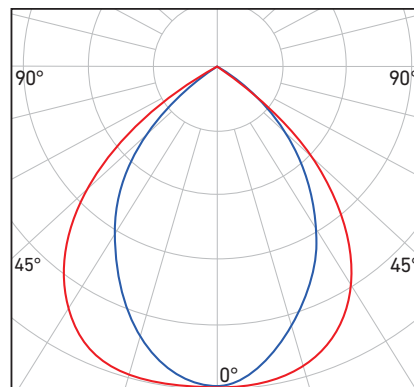
*Elliptical symmetric distribution for typical mounting at 30° from vertical*  
[planetlighting.com/led-puck](http://planetlighting.com/led-puck)

# SNAP STANDARD

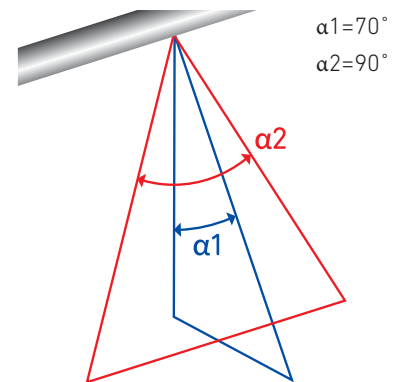
## PHOTOMETRICS

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

STANDARD BEAM 3000K



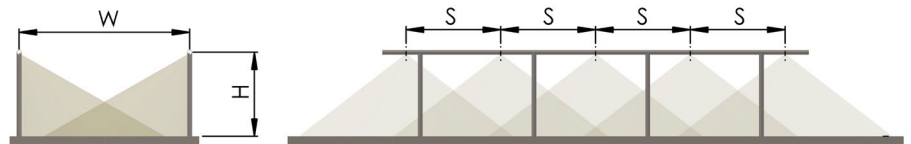
BEAM ALPHA 3000K



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

lx = average lux

CCT = 3000K

Note: Calculations indicated are with LED module installed at 30° offset from vertical down axis.