

# SOLO STANDARD

LED Puck Solo is a revolution in integrated lighting. Solo LED modules can be discreetly deployed into any non-metallic surface, such as timber, masonry, or plaster. Plus, Solo's patented snap-in design makes installation quick, easy and delivers a flush and professional finish. For the first time, take advantage of our world class LED technology in otherwise impossible to light scenarios.

PRODUCT CODE	SPECIFICATION
SOLO-ST-FF-30	Solo Standard Beam Flat Face 3000K
SOLO-ST-FF-40	Solo Standard Beam Flat Face 4000K












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

## OPTIONS

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

## 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

### INSTALLATION SURFACE

MIN. 1.5mm WALL THICKNESS

### APERTURE

Ø15mm

### COUNTERBORE

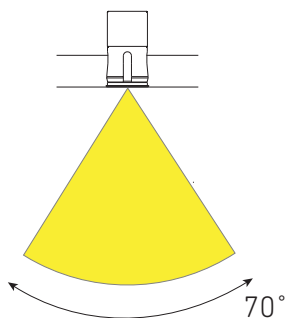
(REQUIRED FOR FLUSH FINISH)  
Ø16mm x 0.5mm

### CONTROL

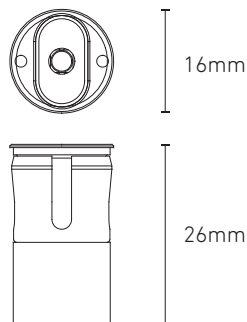
1-10V | DALI | DMX | ZIGBEE | CASAMBI  
BLUE LIGHT LINK | basicDIM WIRELESS

## BEAM AND FACE DETAIL

### STANDARD BEAM (FWHM)



### FLAT FACE



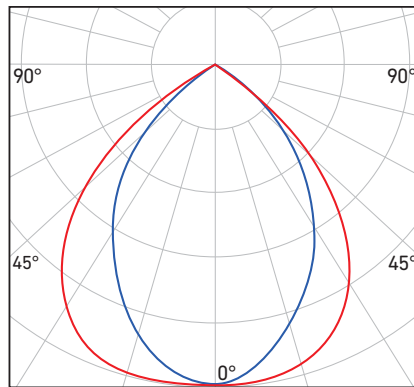
*Elliptical symmetric distribution displayed here with a vertical mount.*

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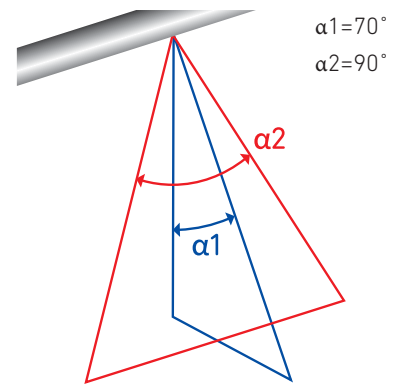
## PHOTOMETRICS

Solo Standard Beam has an elliptical symmetric distribution. Solo is available in a range of standard distributions and special angles on request.

STANDARD BEAM 3000K



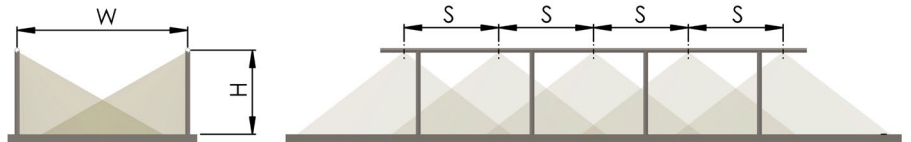
BEAM ALPHA 3000K



## 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.