

## DATASHEET

# WIDE

LED Puck Wide has a beam pattern optimised for mid-rail and widely spaced lights. With a suitable driver, Wide is perfect for cost effective emergency lighting, and for long-distance applications such as metro and rail.

PRODUCT CODE	SPECIFICATION
WIDE-CF-30	Wide Beam Curved Face 3000K
WIDE-CF-40	Wide Beam Curved Face 4000K
WIDE-FF-30	Wide Beam Flat Face 3000K
WIDE-FF-40	Wide Beam Flat Face 4000K



### OPTIONS

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

## SPECIFICATIONS

### TECHNICAL

1.4W / 500mA / 2.8Vf  
3000K - 172lm  
4000K - 181lm  
CRI 80+ (CRI 90+ OPTION)  
3 STEP MACADAM ELLIPSE  
B<sub>50</sub> L<sub>70</sub> >100,000h

### OPTICS

POLYCARBONATE (STANDARD)  
BOROSILICATE (OPTION)

### DISTRIBUTION

WIDE ELLIPTICAL

### 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  
MIN. Ø35mm RAIL (CURVED FACE ONLY)

### APERTURE

Ø15mm

### COUNTERBORE

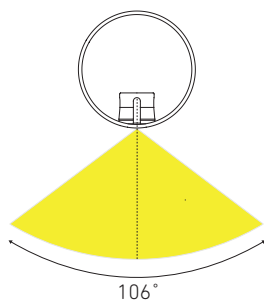
Ø16mm x 1.6mm  
(REQUIRED FOR FLUSH FINISH)

### CONTROL

0-10V | DALI | DMX

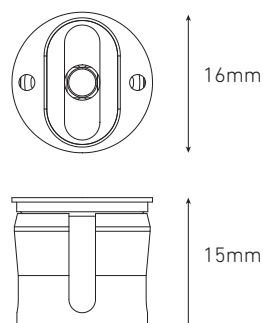
## BEAM AND FACE DETAIL

### WIDE BEAM

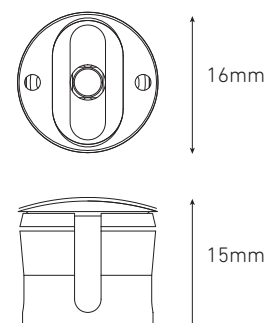


Wide Elliptical Distribution for Mounting Vertically.

### FLAT FACE



### CURVED FACE

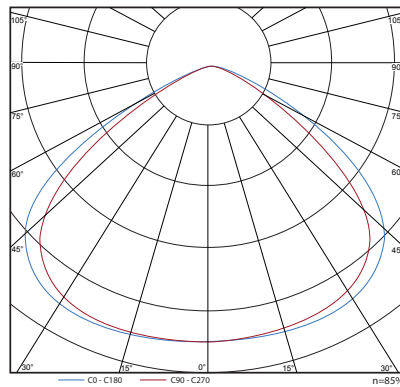


# WIDE

## PHOTOMETRICS

Wide has a specially designed very wide elliptical distribution with no sharp cut off. Typical for mounting in the underside of a handrail at vertical down position.

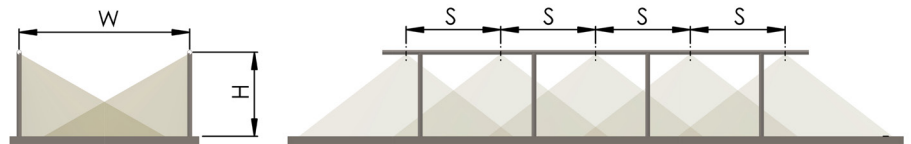
### WIDE 3000K



## 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	222	133	89	67
1.0m	111	67	44	33
2.0m	56	33	22	17

lx = average lux

colour temp = 3000K

Note: Calculations indicated are with LED module in vertical down position.