

# PS-PANEL+

Slim 1200 x 300 backlit LED panel, IP44, 160 lm/W

3 HOUR EMERGENCY OPTION

## PRODUCT DESCRIPTION

PS-PANEL+ is a 30 mm deep 1200 x 300 backlit LED panel with IP44 protection and up to 160 lm/W. A DIP switch on the loop in and out driver sets the output, and a remote 3 hour emergency pack can be added for escape route lighting.

- › 1195 x 295 x 30 mm for 15 or 24 mm grids
- › Up to 4,200 lm at 27 W
- › 160 lm/W, UGR <19, CRI >80
- › IP44 with TPa rated diffuser
- › DIP switch output; digital dimmable versions
- › Optional 3 hour remote emergency pack



**160 lm/W**  
Efficacy



**IP44**  
Splash proof



**3 h**  
Emergency option



**5 Years**  
Warranty

## APPLICATION

### Corridors, offices and washrooms

The narrow 1200 x 300 format suits corridors, circulation areas, offices and kitchens. IP44 protection covers splash prone areas such as washrooms, and the optional remote pack gives 3 hours of emergency light from the same fitting.



#### Output on site

A DIP switch selects 2,000 or 2,800 lm on the standard model, and 3,500 or 4,200 lm on the high output model.

#### 160 lm/W

Efficient backlit design with luminaire efficacy up to 160 lm/W for low running costs.

#### IP44 rated

Protected against splashing water, for kitchens, washrooms and corridors.

#### Visual comfort

UGR <19 and a TPa rated diffuser, with colour consistency within 3 SDCM.

#### Emergency ready

Optional remote 3 hour emergency pack, also in self-test and DALI addressable versions.

#### Long life

Rated L80 B10 at 70,000 hours, at 25°C ambient. Aluminium frame in white RAL9016.

## CERTIFICATION

Designed to EN 60598-1, EN 60598-2-2 and EN 60598-2-22.

# PS-PANEL+ Technical data

Slim 1200 x 300 backlit LED panel, IP44, 160 lm/W

## SPECIFICATION

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Input voltage         | 220 to 240 V AC, 50/60 Hz                                 |
| Dimensions            | 1195 x 295 x 30 mm                                        |
| Cut-out               | 1185 x 285 mm                                             |
| Luminous flux         | 2,000 / 2,800 lm (standard); 3,500 / 4,200 lm (high)      |
| Power                 | 12.5 / 17.5 W (standard); 22 / 27 W (high)                |
| Efficacy              | 160 lm/W (standard); 159 lm/W (high)                      |
| Colour temperature    | 4000K                                                     |
| CRI / SDCM            | Ra >80 / <3                                               |
| Glare                 | UGR <19                                                   |
| Driver                | Loop in/out, DIP switch output; digital dimmable versions |
| IP / IK rating        | IP44 / IK04                                               |
| Diffuser              | TPa rated                                                 |
| Operating temperature | -20°C to +25°C                                            |
| Lifetime              | L80 B10, 70,000 h                                         |
| Finish                | White RAL9016, aluminium frame                            |
| Weight                | 2.1 kg                                                    |
| Mounting              | Recessed in 15 or 24 mm grid; rear safety wire points     |
| Emergency             | Remote pack, 3 h, 3.5 W, 0 to 30°C                        |
| Warranty              | 5 years (emergency packs: see options)                    |



## TECHNICAL SPECIFICATIONS

| Product                                   | Driver                          | Lumen output            | Power            | Efficacy        | CCT          | Dimensions                |
|-------------------------------------------|---------------------------------|-------------------------|------------------|-----------------|--------------|---------------------------|
| PS-PANEL+ S                               | Fixed output, DIP switch        | 2,000 / 2,800 lm        | 12.5 / 17.5 W    | 160 lm/W        | 4000K        | 1195 x 295 x 30 mm        |
| PS-PANEL+ SD                              | Digital dimmable                | 2,000 / 2,800 lm        | 12.5 / 17.5 W    | 160 lm/W        | 4000K        | 1195 x 295 x 30 mm        |
| <b>PS-PANEL+ H</b> <small>LARGEST</small> | <b>Fixed output, DIP switch</b> | <b>3,500 / 4,200 lm</b> | <b>22 / 27 W</b> | <b>159 lm/W</b> | <b>4000K</b> | <b>1195 x 295 x 30 mm</b> |
| PS-PANEL+ HD                              | Digital dimmable                | 3,500 / 4,200 lm        | 22 / 27 W        | 159 lm/W        | 4000K        | 1195 x 295 x 30 mm        |

### OPTIONS AND ACCESSORIES

- › Remote emergency pack, 3 h
- › Self-test or DALI emergency pack, 3 h
- › Surface mounting frame
- › Plasterboard recessing frame
- › 4 point 1.5 m suspension kit

### IDEAL FOR

- › Corridors and circulation areas
- › Offices and meeting rooms
- › Kitchens and washrooms (IP44)
- › Schools and healthcare

**5 YEARS**  
WARRANTY

Every Polaris Light fitting carries a 5-year warranty. Ask us for a free lighting design, lux plan and energy savings calculation for your site.