



OUR NEW  
HIGHLIGHTS  
FOR YOU

MORE EFFICIENT, MORE VERSATILE, EASIER TO INSTALL

# NEW: PANEL PROTECT

SEPTEMBER 2023

[LEDVANCE.COM](https://www.ledvance.com)



**LEDVANCE**



# OPTIMIZED TO SUIT YOUR NEEDS

The low-profile **PANEL PROTECT** luminaires are true all-rounders – they are splash- and dust-proof, and brighter and more efficient than ever before, making them even better suited to your needs.

With their slim profile and IP54 protection, **PANEL PROTECT** luminaires have always been suitable for use in various applications, including low-height louvered ceilings. The new generation is now even more efficient and easier to install, opening up other applications thanks to new versions, functions and accessories.

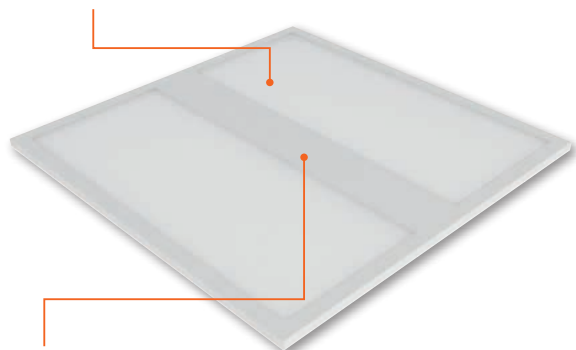
## YOUR BENEFITS AT A GLANCE

1. Improved efficiency of 140 lm/W for even more economical operation
2. Powerful lumen packages up to 5040 lm for use in high ceilings
3. Convenient Power Select switches in ON/OFF versions for flexible adaptation to individual conditions
4. VIVARES DALI integration for contemporary light management 
5. 5-pin socket pre-mounted for faster installation

## AT A GLANCE: THE STRENGTHS OF PANEL PROTECT

### RESISTANT

IP54 frontside: UGR < 19 versions with PC diffusor passing 850° glow wire test and IK06. UGR < 22 versions with easy cleanable PMMA diffusor IK06/PMMA diffusor for UGR22 version – IK02



### UPGRADABLE

Divided diffusor design allows for integration of sensor – available on request

### FLEXIBLE

Up to 5040 lm and selectable power (PS) on driver. Up to 140 lm/W luminaire efficiency. Emergency lighting certified

### SLIM

Backside with central notch accommodating the embedded driver and connector box (overall height 34 mm)



## TECHNICAL FEATURES

### MAIN FEATURES:

- Efficacy: up to 140 lm/W
- Luminous flux: selectable on driver 5 040/4 340/3 640/3 080 lm
- Light colors: 3 000 K/4 000 K
- Grid size: 600 × 600 and 625 × 625
- Beam angle: 120°/90° (UGR19)
- SDCM 3
- Lifespan: up to L90/B10 50 000 h/L80 70 000/L70 100 000 h @ 25 °C
- IP54 frontside/IP20 backside
- UGR19 version with 850 deg. glow wire test compliant PC diffusor – IK06/PMMA diffusor for UGR22 version – IK02

### AVAILABLE VERSIONS:

- Standard (ON/OFF) with Power Select (PS)
- DALI (preconfigured DALI-2 driver, digitally dimmable)
- Both driver versions emergency battery operatable (EL - 0 Hz mode)
- Compatible with EM Conversion Box
- Sensor versions available upon request

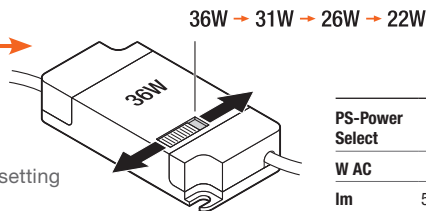


### POWER SELECT: SETTING THE LIGHT INTENSITY

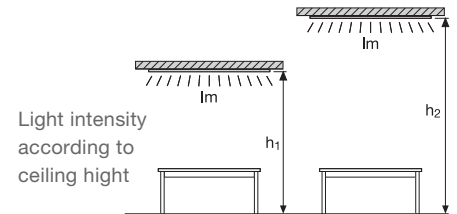
The new PANEL PROTECT standard ON/OFF versions feature a Power Select (PS) function. Via a conveniently accessible switch on the top of the driver, the luminous intensity (lm) can be individually adjusted in four steps to the ceiling height for optimum illumination. Any drop in light over time can also be compensated for via the PS switch.



Power Select switch for setting the light intensity



PS-Power Select	PANEL PROT P 36W PS			
W AC	36	31	26	22
lm	5 040	4 340	3 640	3 080



## RELIABLE LIGHTING FOR ANCILLARY ROOMS AND WORKPLACES



**Canteen:** Power Select helps you to adjust the light intensity to the ceiling height.



**Corridors:** IP54 reliably and safely protects from dust and moisture.

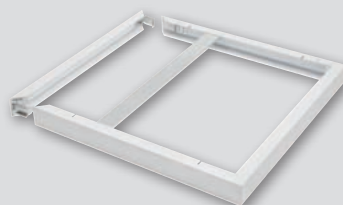


**Reception and waiting areas:** Perfect light thanks to UGR < 19 and PC diffusor.

### SURFACE MOUNTING MADE EASY

#### SURFACE MOUNT KIT H50

- Low profile (only 50 mm) for a tidy and unobtrusive appearance
- Ready-to-mount pre-assembled frame
- Easy fixing with magnet system
- Crossbar for higher stability
- Available as separate accessory



#### INSTALLATION AS NEEDED

Discover our diverse panel accessories:  
[ledvance.com/panel-accessories](http://ledvance.com/panel-accessories)



## ABOUT LEDVANCE



With offices in more than 50 countries and business activities in more than 140 countries, LEDVANCE is one of the world's leading general lighting providers for professional users and end consumers. Having emerged from OSRAM's general lighting division, LEDVANCE offers a wide-ranging portfolio of LED luminaires for a broad spectrum of applications, intelligent lighting products for Smart Home and Smart Building solutions, one of the most comprehensive ranges of advanced LED lamps in the lighting industry, traditional light sources, an LED Strip System and light management systems.

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## PANEL PROTECT GEN 2 & SURFACE MOUNT KIT

Product name	Segmentation	GTIN (EAN)	Replacement for	W	lm	lm/W	K	L80 <sup>1</sup>	Beam angle	IP	Dimmable	L x W x H [mm] Ø x H [mm]
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p><b>PANEL PROTECT 600/625 PS</b></p> <p>PL PROT 600 P 36W 830 PS <span style="color: green;">■</span> 4099854<b>082863</b> 4 x 18W FL 36/31/26/22 5040/4340/3640/3080 140 3000 70000 120 — 595 x 595 x 34</p> <p>PL PROT 600 P 36W 840 PS <span style="color: green;">■</span> 4099854<b>082887</b> 4 x 18W FL 36/31/26/22 5040/4340/3640/3080 140 4000 70000 120 — 595 x 595 x 34</p> <p>PL PROT 625 P 36W 830 PS <span style="color: green;">■</span> 4099854<b>083365</b> 4 x 18W FL 36/31/26/22 5040/4340/3640/3080 140 3000 70000 120 — 620 x 620 x 34</p> <p>PL PROT 625 P 36W 840 PS <span style="color: green;">■</span> 4099854<b>083389</b> 4 x 18W FL 36/31/26/22 5040/4340/3640/3080 140 4000 70000 120 — 620 x 620 x 34</p> </div> <div style="text-align: right;"> </div> </div>												
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p><b>PANEL PROTECT 600/625 UGR&lt;19 PS</b></p> <p>PL PROT 600 P 36W 840 U19 PS <span style="color: green;">■</span> 4099854<b>083303</b> 4 x 18W FL 36/31/26/22 5040/4340/3640/3080 140 4000 70000 90 — 595 x 595 x 34</p> <p>PL PROT 625 P 36W 840 U19 PS <span style="color: green;">■</span> 4099854<b>083488</b> 4 x 18W FL 36/31/26/22 5040/4340/3640/3080 140 4000 70000 90 — 620 x 620 x 34</p> </div> <div style="text-align: right;"> </div> </div>												
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p><b>PANEL PROTECT 600/625 DALI</b></p> <p>PL PROT 600 P 36W 830 DALIVR <span style="color: green;">■</span> 4099854<b>082900</b> 4 x 18W FL 36 5040 140 3000 70000 120 DALI-2/loT 595 x 595 x 34</p> <p>PL PROT 600 P 36W 840 DALIVR <span style="color: green;">■</span> 4099854<b>083105</b> 4 x 18W FL 36 5040 140 4000 70000 120 DALI-2/loT 595 x 595 x 34</p> <p>PL PROT 625 P 36W 830 DALIVR <span style="color: green;">■</span> 4099854<b>083402</b> 4 x 18W FL 36 5040 140 3000 70000 120 DALI-2/loT 620 x 620 x 34</p> <p>PL PROT 625 P 36W 840 DALIVR <span style="color: green;">■</span> 4099854<b>083440</b> 4 x 18W FL 36 5040 140 4000 70000 120 DALI-2/loT 620 x 620 x 34</p> </div> <div style="text-align: right;"> </div> </div>												
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Product name	GTIN (EAN)	MATERIAL	COLOR	Dimmable	L x W x H [mm] Ø x H [mm]
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p><b>SURFACE MOUNT KIT H50</b></p> <p>PANEL 600 SURFACE MOUNT KIT H50 4058075<b>826397</b> Aluminum White 1 600 x 600 x 50</p> <p>PANEL 625 SURFACE MOUNT KIT H50 4058075<b>826403</b> Aluminum White 1 625 x 625 x 50</p> </div> <div style="text-align: right;"> </div> </div>					

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

<sup>1</sup> t[h]: L80/B10 @ 25°C (T<sub>a</sub>) | <sup>2</sup> Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions  
 The pictures shown in the catalog are for illustration purposes only. For information on size and color, please refer to the product table.

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