



# [PISO]

## LOW GLARE LED PANEL



<b>5</b> YEAR PRODUCT WARRANTY	<b>W</b> WATTAGE SELECTABLE	<b>S</b> COLOUR SELECTABLE	 FLICKER FREE TECHNOLOGY	<b>IP 40</b> INGRESS PROTECTION
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### Description

The [PISO] features a sleek and ultra-thin design with a highly efficient output and low glare prismatic diffusion. The PISO series incorporates individual PMMA LED lenses and a high quality polycarbonate diffuser using back-lit technology to achieve UGR of <19.



### High Quality Prismatic Diffuser

To achieve low UGR <19

### Key Features

- Utilising Tier 1 components for a long service life of ≥50,000 hours
- Low UGR (Unified Glare Rating) of <19
- Tri-colour and wattage selection
- Tunable white options available
- Individual PMMA LED lenses to prevent yellowing and deterioration
- Syncromesh™ “Smart Building” compatible options available

## ACCESSORIES

### Surface Mounted Kit

<b>Model No.</b>	PM-12x3-SM	PM-6x3-SM	PM-6x6-SM
<b>Size</b>	1278 x 307 x 68mm	689 x 307 x 68mm	689 x 607 x 68mm
<b>Finish</b>	Powder Coated		
<b>Colour</b>	White		

### Plaster Kit

<b>Model No.</b>	PM-12x6-RM	PM-12x3-RM	PM-6x6-RM	PM-6x3-RM
<b>Size</b>	1230 x 630 x 41mm	1230 x 330 x 41mm	630 x 630 x 41mm	630 x 330 x 41mm
<b>Cutout</b>	1210 x 610mm	1210 x 310mm	610 x 610mm	610 x 310mm
<b>Finish</b>	Powder Coated			
<b>Colour</b>	White			

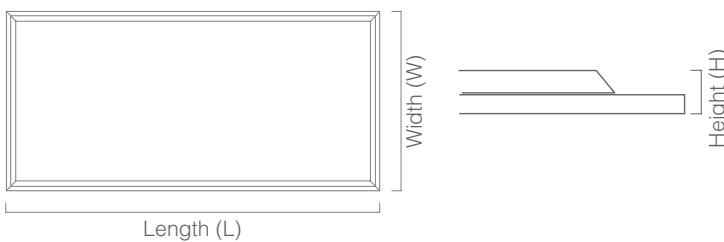


### Technical Specifications

<b>Rated Life</b>	≥50,000 hours
<b>Body</b>	Aluminium
<b>Installation</b>	Suspension, T bar, Surface mount
<b>Beam Angle</b>	90°
<b>Power Factor</b>	>0.95
<b>CRI</b>	>83

<b>Operating Temperature</b>	-20°C to +40°C
<b>Input Voltage</b>	220 – 240 VAC ~ 50/60Hz
<b>IP Rating</b>	IP40
<b>Connection</b>	Flex and Plug (1.5m)
<b>UGR</b>	<19

### Dimensional Drawing



Model	L mm	W mm	H mm	Weight kg
PP-6X3-18S90	595	295	32	1.01
PP-6x6-28S90	595	595	32	1.56
PP-12X3-28S90	1195	295	32	1.72
PP-12X3-28T90	1195	295	25	1.95
PP-12x6-40S90	1195	595	32	3.12

### Product Data

Part Number	Power	Lumen Output	CCT	Driver Number
PP-6X3-18S90	18W/14W	1800lm-2060lm	Tri-colour (3000K / 4000K / 5700K)	PD-18S-WS
PP-6x6-28S90	28W/24W/18W/14W	1480lm-3200lm	Tri-colour (3000K / 4000K / 5700K)	PD-28S-WS
PP-12X3-28S90	28W/24W/18W/14W	1480lm-3200lm	Tri-colour (3000K / 4000K / 5700K)	PD-28S-WS
PP-12X3-28T90	28W	3080lm	Tunable White (2700K ~ 6500K)	PD-28T-SMD
PP-12x6-40S90*	40W/32W/28W/20W	2000lm-4800lm	Tri-colour (3000K / 4000K / 5700K)	PD-42S-WS

\*Special order only, contact Teknik Lighting Solutions Sales Representative for ordering information

### Driver Data

Part Number	Primary Voltage	Secondary Voltage	Secondary Current
PD-28S-WS	100-277VAC	23-40V DC	350mA / 450mA / 600mA / 700mA
PD-18S-WS	100-277VAC	23-40V DC	350mA / 450mA
PD-42S-WS	200-240VAC	23-40V DC	500mA / 700mA / 800mA / 1000mA
PD-28T-SMD	200-240VAC	28-40V DC	650mA

