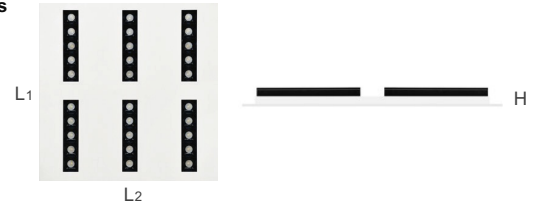


Dimensions

Product dimensions (mm)	L1625 x L2625
Height (mm)	H65
Weight (g)	3950

Schematic

Product drawings



FLATTY DARK SURFACE LED PANEL

DESCRIPTION

FLATTY LED luminaire product series have metal sheet body with electrostatic powder painted which allows wide application areas in lighting projects. It can also be selected as IP40, IP44 and IP54 protection rate upon request. FLATTY LED provides homogeneous lighting with low glare and thanks to its well designed passive cooling system which ensures long LED and driver lifetime.

FLATTY LED is able to be controlled via DALI protocol and wirelessly control as optional. It is also possible to integrate emergency conversion modules as 1 hour or 3 hours backup time depends on project application field.

FLATTY LED can be used in projects such as offices, hotels, retail stores, educational facilities, hospitals...etc.

Item code	PNL54
Application type	Indoor applications
Category	Surface luminaires
Product family	FLATTY
Subcategory	FLATTY DARK
Material	Luminaire body made of 0,6mm metal sheet and aluminium frame injection body with 80 micron electrostatic powder paint.
Optical system	Cat1, Cat2 polycarbon reflector and optical lens technology.
Mounting options	Surface mounted

Accessories

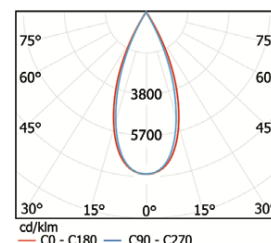
STF1	Suspension tie-rod wire – 1 meter
ST01	Suspension steel wire with cable – 1 meter
Optional	
3HEM	3 hours emergency conversion module
OMP	Microprismatic lens
RMT	Wireless control module(BLE)
DT8	TunableWhite Lighting
HP40	IP40 protection class
HP44	IP44 protection class
HP54	IP54 protection class

Product	PNL54
Real power (W)	32/43/48/53
Real lumen output (Lm)	3300/4400/4950/5500
Light output ratio LOR (%)	72%
Efficacy (Lm/W)	103
Beam angle (°)	40°
Lifespan (h)	35000
IP rate	IP20/40/44
IK rate	IK02
Isolation class	Class 1
Photobiological risk group	RG0 (no risk)
Diffuser/Optical constituent	Cat1, Cat2 polycarbon reflector
Ambient operating temperature	-15°C , +35°C
Electrical feeding	220..240VAC, 50/60Hz
Body colour options (RAL)	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">9005</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">9006</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">7016</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">9016</div> <div style="margin-left: 5px;">+ any RAL</div> </div>

Energy efficiency class	A+
Driver/Power Supply	
Driver included	Yes
Driver type	Electronic driver
Flicker free	Yes
Light source included	Yes
Light source type	LED
LED type	SMD
Nominal power (W)	30/40/45/50
Total lumen (Lm)	4584/6111/6875/7639
CCT (K)	2700/3000/4000/5500/6500/TW
MacAdam (SDCM)	3
Colour rendering index (CRI, Ra)	>80

Photometry

Light distribution



PRODUCT SELECTION

ORDER CODE	POWER (W)	LUMEN (lm)	CCT (K)	CRI (Ra)	BODY FORM	BODY COLOUR	IP	MOUNTING	CONTROL TYPE	WxL (mm)	H (mm)
PNL54.02.9.1.30S21SW	30W	3300	3000K	>80	SQUARE	WHITE	IP40	SURFACE	ON-OFF	625X625	65
PNL54.02.9.1.40S21SW	30W	3300	4000K	>80	SQUARE	WHITE	IP40	SURFACE	ON-OFF	625X625	65
PNL54.02.9.1.30S21DA	30W	3300	3000K	>80	SQUARE	WHITE	IP40	SURFACE	DALI	625X625	65
PNL53.02.9.1.40R21DA	30W	3300	4000K	>80	SQUARE	WHITE	IP40	SURFACE	DALI	625X625	65
PNL54.02.9.2.30S21SW	40W	4400	3000K	>80	SQUARE	WHITE	IP40	SURFACE	ON-OFF	625X625	65
PNL54.02.9.2.40S21SW	40W	4400	4000K	>80	SQUARE	WHITE	IP40	SURFACE	ON-OFF	625X625	65
PNL54.02.9.2.30S21DA	40W	4400	3000K	>80	SQUARE	WHITE	IP40	SURFACE	DALI	625X625	65
PNL53.02.9.2.40R21DA	40W	4400	4000K	>80	SQUARE	WHITE	IP40	SURFACE	DALI	625X625	65
PNL54.02.9.3.30S21SW	45W	4950	3000K	>80	SQUARE	WHITE	IP40	SURFACE	ON-OFF	625X625	65
PNL54.02.9.3.40S21SW	45W	4950	4000K	>80	SQUARE	WHITE	IP40	SURFACE	ON-OFF	625X625	65
PNL54.02.9.3.30S21DA	45W	4950	3000K	>80	SQUARE	WHITE	IP40	SURFACE	DALI	625X625	65
PNL53.02.9.3.40R21DA	45W	4950	4000K	>80	SQUARE	WHITE	IP40	SURFACE	DALI	625X625	65
PNL54.02.9.4.30S21SW	50W	5500	3000K	>80	SQUARE	WHITE	IP40	SURFACE	ON-OFF	625X625	65
PNL54.02.9.4.40S21SW	50W	5500	4000K	>80	SQUARE	WHITE	IP40	SURFACE	ON-OFF	625X625	65
PNL54.02.9.4.30S21DA	50W	5500	3000K	>80	SQUARE	WHITE	IP40	SURFACE	DALI	625X625	65
PNL54.02.9.4.40R21DA	50W	5500	4000K	>80	SQUARE	WHITE	IP40	SURFACE	DALI	625X625	65