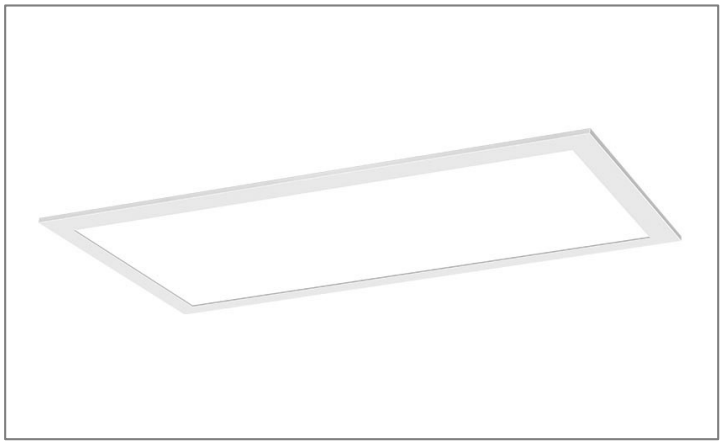


FLATTY SL RECESSED

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 emergecy 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	PNL41
Application type	Indoor applications
Category	Recessed luminaires
Product family	FLATTY
Subcategory	FLATTY SL
Material	Luminaire body made of 0,6mm metal sheet and aluminium frame injection body with 80 micron electrostatic powder paint.
Optical system	Opal PMMA diffuser with low glare effect.
Mounting options	Plasterboard, metal and other suspended ceilings.

Accessories

PB	Mounting brackets for plasterboard ceiling
MC11	Mounting brackets for metal ceiling

Optional

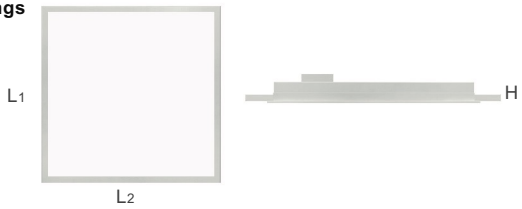
3HEM	3 hours emergency convertion module
OMP	Microprismatic lens
RMT	Wireless control module(BLE)
DT8	TunableWhite Lighting
HP40	IP40 protection class
HP44	IP44 protection class
HP54	IP54 protection class

Dimensions

Product dimensions (mm)	**L1**295 x **L2**595
Height (mm)	**H**60
Weight (g)	4350
Ceiling cutting dimensions (mm)	**L3**280 x **L4**580

Schematic

Product drawings



Product	PNL41
Real power (W)	32/43
Real lumen output (Lm)	3300/4400
Light output ratio LOR (%)	72%
Efficacy (Lm/W)	103
Beam angle (°)	114°
Lifespan (h)	35000
IP rate	IP20/40/44/54
IK rate	IK05
Isolation class	Class 2
Photobiological risc group	RG0 (no risk)
Diffuser/Optical constituent	Opal PMMA diffuser
Ambient operating temperature	-15°C , +35°C
Electrical feeding	220..240VAC, 50/60Hz
Body colour options (RAL)	9005 9006 7016 9016 + any RAL
Energy efficiency class	A+

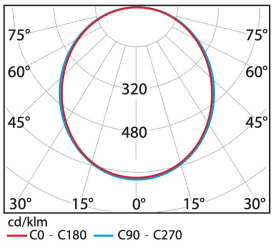
Driver/Power Supply

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
Total lumen (Lm)	4584/6111
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)	CUTOUT (mm)
PNL41.02.1.1.30R21SW	30W	3300	3000K	>80	RECTANGULAR	WHITE	IP40	RECESSED	ON-OFF	295X595	60
PNL41.02.1.1.40R21SW	30W	3300	4000K	>80	RECTANGULAR	WHITE	IP40	RECESSED	ON-OFF	295X595	70
PNL41.02.1.1.30R21DA	30W	3300	3000K	>80	RECTANGULAR	WHITE	IP40	RECESSED	DALI	295X595	60
PNL41.02.1.1.40R21DA	30W	3300	4000K	>80	RECTANGULAR	WHITE	IP40	RECESSED	DALI	295X595	60
PNL41.02.1.2.30R21SW	40W	4400	3000K	>80	RECTANGULAR	WHITE	IP40	RECESSED	ON-OFF	295X595	60
PNL41.02.1.2.40R21SW	40W	4400	4000K	>80	RECTANGULAR	WHITE	IP40	RECESSED	ON-OFF	295X595	60
PNL41.02.1.2.30R21DA	40W	4400	3000K	>80	RECTANGULAR	WHITE	IP40	RECESSED	DALI	295X595	60
PNL41.02.1.2.40R21DA	40W	4400	4000K	>80	RECTANGULAR	WHITE	IP40	RECESSED	DALI	295X595	60