

0801080 Panel - 25W 4500lm 4000K UGR<19 - 595x595mm - Lifud Driver - White

- Anti-discoloration
- Ultra efficient
[180lm/w]
- Low glare rating

LED's light PRO

This ultra-efficient LED panel provides a long lifespan, high lumen maintenance and efficacy, low power consumption, and protection from glare and discoloration. With a UGR of 19 this panel is excellent for use in offices and other work settings.

This model offers a neutral white (4000K) light output of 4300 lumen, with a power consumption of just 24W, equating to a lumen efficacy of 180lm/W. Because of this high level of efficacy, this panel is eligible for various tax return programs all over Europe.

The premium Lifud driver provides a flicker-free light output with a life time of 50.000 hours. The diffuser is made of Polystyrene (PS), a material that ensures the panel is protected against discoloration, while maintaining an evenly distributed, glare-free light output. Polystyrene (PS) is also impact and shatter resistant. This makes it a popular choice for locations where light fixtures could be knocked into, like warehouses and loading docks.

This model is available in 3 dimensions:

595x595mm [Common in the Netherlands]

620x620mm [Common in Germany]

300x1200mm

General



Brand	LED's light Pro
Collection	Functional
Manual language	Dutch, English, French, German, Spanish
Package content	Multi language manual, External power supply
PLC Status	Active
Warranty	5-Year

Lighting

Luminous efficacy	180 lm/W
Total lumens	4500 lm
Adjustable luminous flux	No
Adjustable color temperature	No
Lamp efficacy	180
Light sharing	Symmetric
Color temperature	4000 K
Color description	Neutral white
Color rendering index	80
Adjustable beam angle	No

Color consistency (McAdam Ellipse)	SDCM6
Beam angle	90 °
Unified glare rating	<19
Photobiological safety according to EN 62471	RG1
Flicker-free	Yes

Electrical

Type of control gear	LED operating device voltage-controlled
Power consumption	25 W
Input voltage.	220 — 240 V
Voltage type	AC
Input frequency	50/60 Hz
Power factor	0.9
Input current.	114 — 114 mA
Safety class	II
Control gear type	Isolated driver
Control gear mounting	External
Type of dimming	Not dimmable
 Maximum qty per 16A type B circuit breaker	40
 Maximum qty per 16A type C circuit breaker	68
LED chip type	SMD 2835
LED chip brand	Sanan
LED chip quantity	168

Power Supply

Type	External
Brand of power supply	Lifud
AC cable length	0.15 m
Input frequency power supply	50/60Hz
Input voltage power supply	220 — 240 V
Output voltage power supply	33 — 40 VDC
Output current power supply	600 mA
Power efficiency power supply (full load)	88 %
Power factor power supply	0.95
Standby power of power supply	0.5 W

Performance

IP Rating	IP20
Impact strength	IK03
Rated life time L70/B50 at 25 C	177000 h
Rated life time L70/B10 at 25 C	164000 h
Rated life time L80/B50 at 25 C	111000 h
Rated life time L80/B10 at 25 C	103000 h
Rated life time L90/B50 at 25 C	53000 h
Rated life time L90/B10 at 25 C	49000 h
Luminaire with D mark	No
Operating Temperature	-20 — 45 °C
Energy class (EU 2019/2015)	B

Mechanical

With light source	No
Suitable for number of lamps	1
Light outlet	Direct
Number of poles	2
Conductor cross section	0.75 mm ²
Article length	595 mm
Article width	595 mm
Article height	25 mm
Article net weight	1610 g
Housing material	Aluminum, Plastic
Color housing	White
Diffuser material	Polystyrene (PS)
Diffuser finishing	Prisma
Cable type	H03RN-F 2x0.75 mm ²
Cable color	White
Type of wiring	Ending
Lamp socket	N/A
Lamp type	LED exchangeable
Connection type	Wire
Mounting type	Built-in, Ceiling

Logistic Data

Packaging length	62 cm
Packaging width	3.7 cm

Packaging height	66 cm
Packaging gross weight	1980 g
EAN Product	8720604304374
Packaging paper material weight	345 g
Packaging plastic material weight	25 g
Master carton length	64 cm
Master carton width	17 cm
Master carton height	68 cm
CBM master carton	0.073984 m ³
Master carton quantity	4
Master carton gross weight	8.9 kg
Master carton paper material weight	2325 g
Master carton plastic material weight	100 g
Country of Origin	CN
HS Code	9405119090

View on the website: www.shada.nl/p/0801080