Rydal II

Kosnic

08286   RYD230-W40

Rydal II, 30W backlit LED panel 600*600 4000K

- Save up to 50% energy usage compared to traditional fluorescent fittings
- DALI, 1-10V (0-10V) and PUSH alternative driver available
- TP(a) rated diffuser
- Flicker free
- UGR<19
- Direct backlit lighting with wide-angle optics
- Optional anti-glare diffusers available

Overview

The Rydal II is Kosnics standard 600 by 600 panel, with a energy savings compared to fluorescent fittings and a low glare flicker free output it makes and excellent direct LED replacement for retrofits.

IP20

General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IK Rating	IK04
IP Rating	IP20
Protection Rating	Class II
Installation Area	Internal
L80B10 Lifetime (h) @Ta 25 °C	60,000 h

Compliance

LVD	EN 60598-1:2024,EN 60598-2-1:2021,EN 60598-2-2:2012
EMC	EN 55015:2019+A11:2020,EN 61000-3-2:2019+A1:2021,EN 61000-3-3:2013+A1:2019+A2:2021,EN 61547:2023

Technical Summary	
Product Code	RYD230-W40
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	16 A / 200 µs
Default Power	30 W
Driver Maximum Power (W)	29 W
Driver Output Current (mA)	750
Power Factor	0.95
Driver Power Factor	>= 0.90
Default CCT	4,000 K
SDCM of CCT	<6
CRI	82
Dimmable	N
Flicker	<1%
Lumens Output Maximum	3,200 lm
Emergency Luminous Flux	500 lm
L70B50 Lifetime (h) @Ta 25 °C	60,000 h
L80B10 Lifetime (h) @Ta 25 °C	60,000 h
L90B10 Lifetime (h) @Ta 25 °C	54,000 h
Nominal Lifetime (h)	50,000 h
Glow wire temperature(°C)	850
Blue Light Hazard	RG1
Weight	1.45Kg
Dimensions (L x W x D) (mm)	595x595x34

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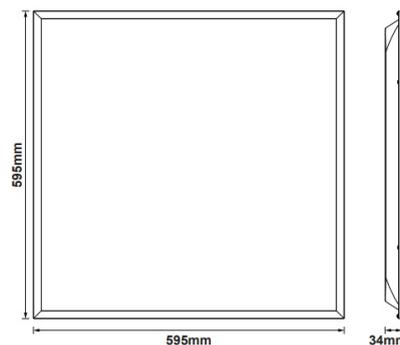
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Optional Gear

Product Code	Description	Type
EMPAD02	Niah, 2W universal emergency pad for LED panel	Emergency Module
UEM03	3W Universal Emergency Module	Emergency Module
UEM03/ST	3W Universal Emergency Module, Self Test	Self-test Emergency Module
UEM04	4W Universal Emergency Module Pro	Emergency Module
UEM04/ST	4W Universal Emergency Module Pro Self Test	Self-test Emergency Module
CYC030TDC30-90	30W DALI2 1-10V primary push dim driver (KL30C-PDiiV)	Dimmable Driver
DRC40/DA	Dimmable Driver: 40W DALI2 1-10V primary push dim driver	Dimmable Driver
UEM04/DA	4W DALI Universal Emergency Module Pro	Emergency Module
EMPAD02/ST	Niah self test 2W universal emergency pad for LED panel	Self-test Emergency Module

Accessories

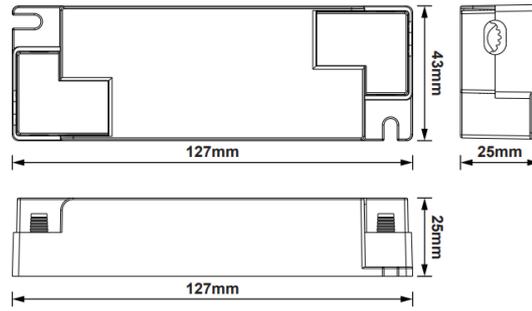| Product Code	Description	Type
ALDAG-0606	Alden 595x595mm anti-glare diffuser	Diffuser
SUS04	LED Panel & Slim Line II suspension kit (4 cables per bag)	Suspension Kit
SMT0606	Surface-mount frame for 600*600 panel, White	Mount Frame
SAS0606	Clips for Burgess ceilings	Clips/Brackets
REC0606	Recessed-mount frame 595x595mm white	Mount Frame
SUS04/25	Suspension kit 2.5m Alden & Nevis & Slim Line II (4 cables per bag)	Suspension Kit

595mm

595mm

34mm

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DR29C75

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