



Push-wire terminal block included



Rydal

Rydal LED Backlit LED panel 30W 4000K 595x595mm

The Kosnic Rydal LED panel offers direct backlit lighting with wide-angle optics to achieve evenlight distribution across the surface of the luminaire and is an easy-to-retrofit replacement for in-lay ceiling tile fittings. The panels are supplied with flicker-free drivers as standard and suitable for visually demanding non-transient task areas such as offices and educational premises where users require high quality lighting to maintain well-being.

RYD30-W40 (06196)

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	137
Rated Power (W)	30
CCT Words	Cool White
CCT (K)	4000
Total Luminous Flux (lm)	3200
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	60000
L90 Lifetime (h)	54000
Blue Light Hazard	RG1
Glow wire temperature(°C)	850
UGR	<19
Power Factor	0.95
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	1.66
In-rush current (peak/duration) (A)	33 A / 220 µs
Protection Rating	Class III Luminaire, Class II driver
IK Rating	IK04
IP Rating	IP20 rear/ IP44 front
Emergency Luminous Flux (lm)	500 (with CEW03LIC/N and CEW03LIC/S)
Driver Part Number	DR32C75
Driver Input Voltage	220-240 Vac 50/60 Hz
Driver Maximum Input Current (mA)	160
Driver Maximum Power (W)	32
Driver Output Voltage (Vdc)	30-42
Driver Output Current (mA)	750
Driver Dimensions (L x W x D) (mm)	138 x 36 x 29
Driver Ripple Current (%)	< 5%

Driver Maximum Case Temperature (°C)	75
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Light Source Specification

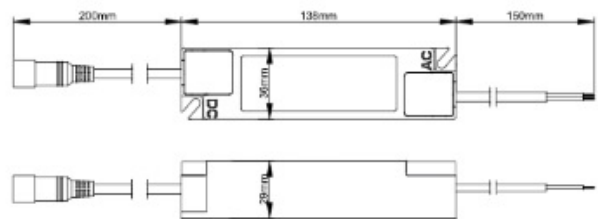
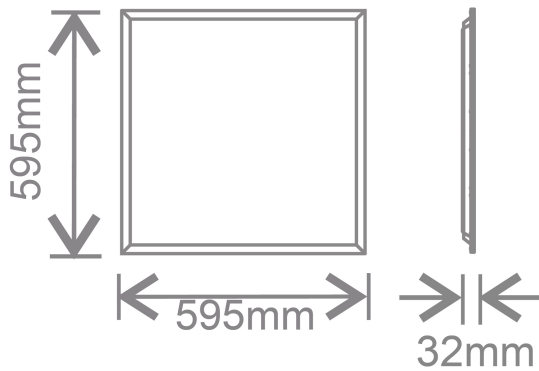
Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	Connector
Mains / Non-Mains (MLS/NMLS)	NMLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	27
Energy Efficiency Class	E
Useful Luminous Flux (lm)	3900
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000
On-Mode Power (Pon) (W)	27
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	30
Width (mm)	585
Depth (mm)	585
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.38
Chromaticity Co-Ordinates (Y)	0.38
Peak Luminous Intensity (DLS) (cd)	N/A

Beam Angle (DLS)	N/A
Beam Angle (min)(DLS)	N/A
Beam Angle (max) (DLS)	N/A
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	N/A
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	N/A
LED light source replaces fluorescent without integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N/A
Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	N/A
Stroboscopic effect metric (SVM) (x,x)	N/A
Light Source Supply	36Vdc 750mA

Optional Gears and Accessories

Optional Gears 1	CEW03LIC/N
Optional Gears 2	CEW03LIC/S
Optional Gears 3	CYC030TDC30-90(Set to 750mA)
Accessories 1	Suspension Kit SUS0606
Accessories 2	Surface Mount Kit SMT0606

Technical Drawings



4000K

