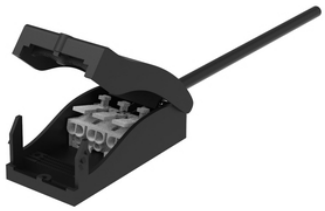
Datasheet



Alden

Alden Backlit LED Panel 30W 6500K 595x595mm

The Kosnic Alden LED panel offers direct backlit lighting with wide-angle optics to achieve even light 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 nontransient task areas such as offices and educational premises where users require high quality lighting to maintain well-being.

ALD30-W65 (06245)

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Datasheet

Specification

Voltage	220-240Vac 50/60Hz
Voltage (eg 220-240 Vac 50/60Hz)	220-240Vac 50/60Hz
Current (mA)	137
Rated Power (W)	30
CCT Words	Day Light
CCT (K)	6500
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	60000
L80B10 Lifetime (h)	60000
L90 Lifetime (h)	54000
Total Luminous Flux (lm)	3200
Power Factor	0.95
Blue Light Hazard	RG1
Glow wire temperature(℃)	850
UGR	<19
Dimensions L x W x D (mm)	595*595*36
Weight (kg)	1.73
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
Ambient Temperature Range (°C)	-20 to 40
Emergency Luminous Flux (lm)	502 (with UEM03)
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

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Driver Output Current (mA)	750
Driver Dimensions (L x W x D) (mm)	138 x 36 x 29
Driver Power Factor	>= 0.90
Driver Ripple Current (%)	< 5%
Driver Maximum Case Temperature (℃)	75
Ripple Current (%)	< 5%
Output Current (mA)	750
Dimensions (L x W x D) (mm)	138 x 36 x 29
Input Voltage	220-240 Vac 50/60 Hz
Maximum Input Current (mA)	160
Maximum Power (W)	32
Output Voltage (Vdc)	30-42
Maximum Case Temperature (℃)	75
Depth (mm)	585

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 (NEW FORMULA)	E
Useful Luminous Flux (lm)	3800
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	6600
On-Mode Power (Pon) (W)	27

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Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
CRI (min)	80
CRI (max)	84
Height (mm)	32
Width (mm)	585
Depth (mm)	585
Claim of Equivalent Power? (Y/N)	N
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.309
Chromaticity Co-Ordinates (Y)	0.333
Peak Luminous Intensity (DLS) (cd)	N/A
Beam Angle (DLS)	N/A
Beam Angle (min)(DLS)	N/A
Beam Angle (max) (DLS)	N/A
R9 CRI (LED/OLED)	1
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 flourescent withouth 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
Storboscopic effect metric (SVM) (x,x)	N/A
Light Source Supply	36Vdc 750mA

Optional Gears and Accessories

Component 1	CEW03LIC/N
Component 2	CEW03LIC/S

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Component 3	CYC030TDC30-90(Set to 750mA)
Accessories 1	Suspension Kit SUS0606
Accessories 2	Surface Mounting SMT0606

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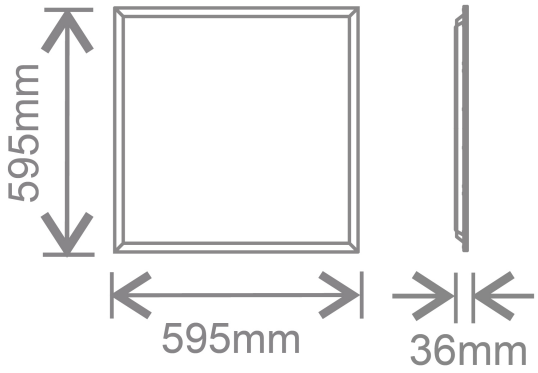
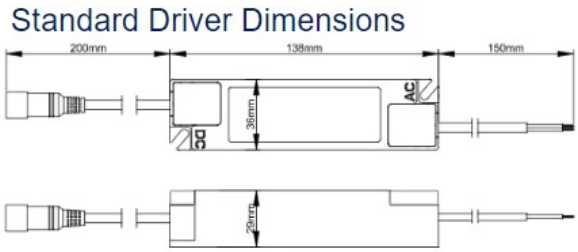
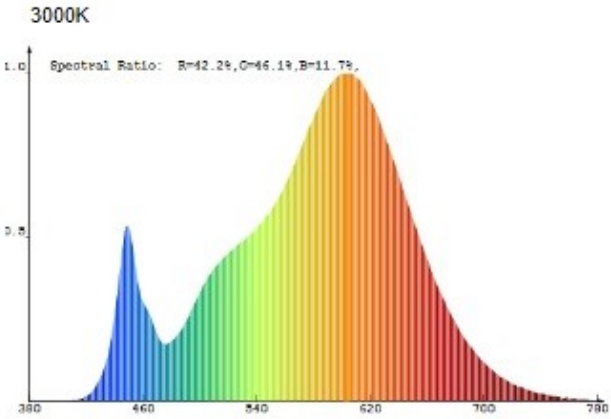
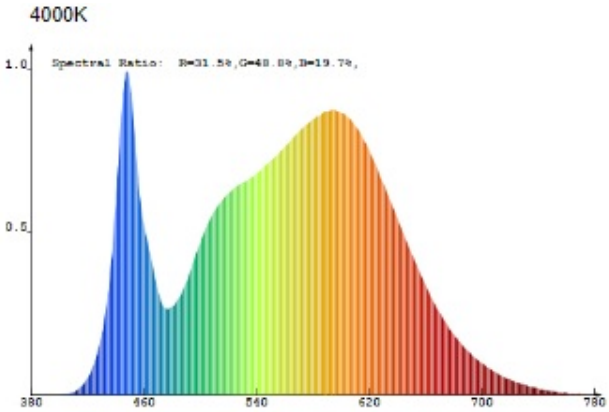
Datasheet

Technical Drawings









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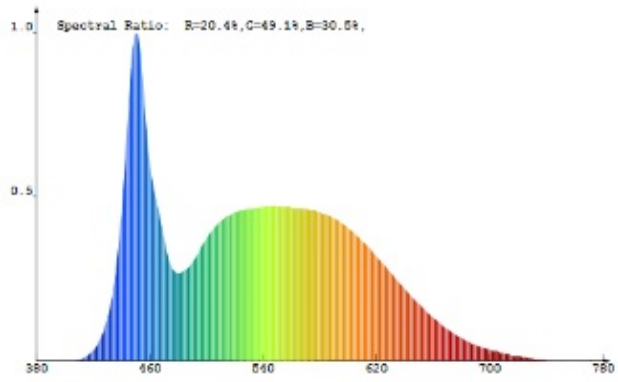
Datasheet

6500K



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