



Alden Pro

Alden Pro Backlit LED Panel 27W/36W Switchable Wattage & Switchable CCT 595x595mm

• Switchable CCT 3000K (warm white) / 4000K (cool white) / 6500K (day light) • UGR <17 according to BS EN 12464 • Class III panel supplied with class II flicker-free driver as standard • Prismatic, Polycarbonate TP(a) rated diffuser • Compatible with the Kosnic emergency module • DALI, 1-10V and PUSH alternative dimmable driver available • Optional suspension kit available • IP65 when ceiling recess mounted • High lumen output • Long operational life of 40,000h • Instant start • Negligible UV output

ALD3627-SCT (06731)

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	165 (129)
Rated Power (W)	36 (27)
CCT Words	Cool White (Warm White / Day Light)
CCT (K)	4000 (3000/6500)
Total Luminous Flux (lm)	36W: 3600 (3300/3300)27W: 2700 (2600/2600)
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	60000
L90 Lifetime (h)	54000
Blue Light Hazard	RG1
Glow wire temperature(°C)	850
UGR	<17
Power Factor	0.95 (0.91)
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	1.88
In-rush current (peak/duration) (A)	7.5 A / 70 µs
Protection Rating	Class III Luminaire, Class II driver
IK Rating	IK04
IP Rating	IP 20 rear / IP65 front
Emergency Luminous Flux (lm)	550 (with CEW03LIC/N and CEW03LIC/S)
Driver Part Number	DR40C7095
Driver Input Voltage	220-240 Vac 50/60 Hz
Driver Maximum Input Current (mA)	200 (160)
Driver Maximum Power (W)	40 (29)
Driver Output Voltage (Vdc)	27-42
Driver Output Current (mA)	950 (700)
Driver Dimensions (L x W x D) (mm)	140 x 45 x 30
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)	34
Energy Efficiency Class	D
Useful Luminous Flux (lm)	5000
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000
On-Mode Power (Pon) (W)	34
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)	0.3743
Chromaticity Co-Ordinates (Y)	0.3616
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 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 950mA

Optional Gears and Accessories

Optional Gears 1	CEW03LIC/N
Optional Gears 2	CEW03LIC/S
Accessories 1	Suspension Kit SUS0606
Accessories 2	Surface Mount Kit SMT0606

Technical Drawings

Standard Driver Dimensions



