

Alden I

Alden I Backlit LED Panel 20W 4000K 595x595mm

• Save up to 50% energy usage compared to traditional fluorescent fittings • Class III panel supplied with class II flicker-free driver as standard • High Efficiency of up to 140lm/W • Polystyrene TP(a) rated diffuser • Compatible with the Kosnic emergency modules • DALI, 1-10V and PUSH alternative driver available • Optional suspension kit available • IP44 when ceiling recess mounted • High lumen output • Long life of 40,000h • Instant start • Negligible UV output

ALD20-W40 (06197)

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	92
Rated Power (W)	20
CCT Words	Cool White
CCT (K)	4000
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	60000
L80B10 Lifetime (h)	60000
L90 Lifetime (h)	54000
Total Luminous Flux (lm)	2800
Power Factor	0.91
Blue Light Hazard	RG1
Glow wire temperature(°C)	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)	500 (with UEM03)
Driver Part Number	DR21C50
Driver Input Voltage	220-240 Vac 50/60 Hz
Driver Maximum Input Current (mA)	119
Driver Maximum Power (W)	21
Driver Output Voltage (Vdc)	30-42
Driver Output Current (mA)	500
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 (°C)	75

Light Source Specification

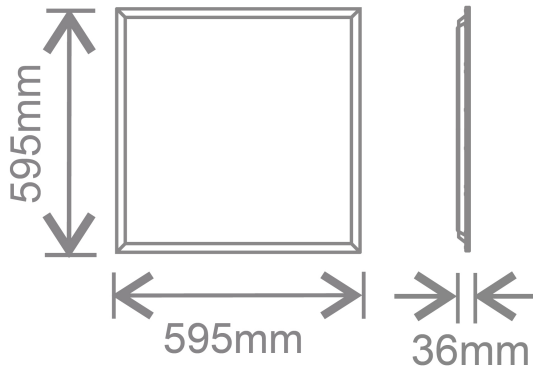
Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	Connector
Mains / Non-Mains (MLS/NMLS)	NMLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	N
Energy Consumption in on-mode (kWh/1000H)	18
Energy Efficiency Class	D
Useful Luminous Flux (lm)	2900
Beam Angle correspondence (in 360°/120°/90°)	in 360°
CCT	4000
On-Mode Power (Pon) (W)	18
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)	0.380

Chromaticity Co-Ordinates (Y)	0.380
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 500mA

Optional Gears and Accessories

Optional Gears 1	UEM02
Optional Gears 2	UEM02/ST
Optional Gears 3	CYDIMRFT1
Optional Gears 4	UEM02
Optional Gears 5	UEM02/ST
Optional Gears 6	CYDIMRFT1
Accessories 1	Suspension Kit SUS0606
Accessories 2	Surface Mounting SMT0606

Technical Drawings



Standard Driver Dimensions

