



Alden II Pro

Alden II Pro Backlit LED Panel with Emergency Option

Available February 2023 Alden II Pro • UGR <19 according to BS EN 12464 • Class III Luminaire supplied with class II driver • Compatible with Kosnic emergency modules • Optional suspension kit available • IP20 rear, IP65 front • High lumen output • TP(a) rated diffuser • Flicker free • Long operational life of 40,000h • Instant start • Negligible UV output

ALDP20-W40 (07167)

Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	92
Rated Power (W)	20
CCT Words	Cool White
CCT (K)	4000
Total Luminous Flux (lm)	2800
Nominal Lifetime (h)	40000
L70B50 Lifetime (h)	60000
L80B10 Lifetime (h)	60000
L90 Lifetime (h)	54000
Blue Light Hazard	RG1
Glow wire temperature(°C)	850
UGR	<19
SDCM of CCT	<6
Flicker %	<1
Power Factor	0.95
Ambient Temperature Range (°C)	-20 to 40
Weight (kg)	1.73
In-rush current (peak/duration) (A)	20 A / 70 µs
Protection Rating	Class III Luminaire, Class II driver
IK Rating	IK04
IP Rating	IP20 rear/ IP44 front
Emergency Luminous Flux (lm)	500
Driver Part Number	CertaDrive 20W 0.5A 40V 230V I
Driver Input Voltage	220-240 Vac 50/60 Hz
Driver Maximum Input Current (mA)	110
Driver Maximum Power (W)	20
Driver Output Voltage (Vdc)	30-40

Driver Output Current (mA)	500
Driver Dimensions (L x W x D) (mm)	118 x 42 x 28
Driver Power Factor	≥ 0.90
Driver Ripple Current (%)	$\leq 4\%$
Driver Maximum Case Temperature (°C)	75
On-Site Warranty	2 Years

Light Source Specification

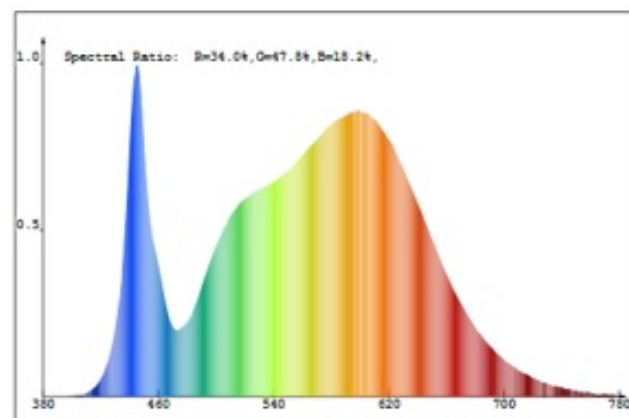
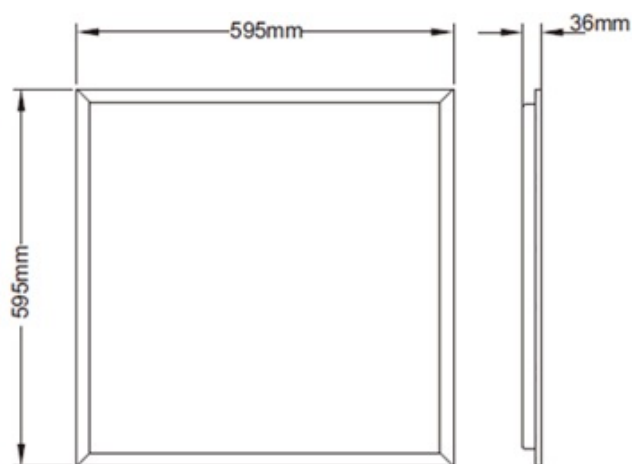
Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	NDLS
Light Source Cap Type (or other interface)	Connector
Mains / Non-Mains (MLS/NMLS)	NMLS
Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific 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°)	360
CCT	4000
On-Mode Power (Pon) (W)	18
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
Height (mm)	32
Width (mm)	585
Depth (mm)	585
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
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	Emergency module UEM03
Optional Gears 2	Self-Test Emergency module UEM03/ST
Optional Gears 3	Battery BAT48LI1
Optional Gears 4	Emergency module UEM04
Optional Gears 5	Self-Test Emergency module UEM04/ST
Optional Gears 6	Battery KBAT2600
Optional Gears 7	Emergency kit EMPAD02
Optional Gears 8	Battery BAT26LI1
Optional Gears 9	Dimmable Driver CYC030TDC30-90(Set to 500mA)
Accessories 1	Suspension kit SUS04
Accessories 2	Surface Mount Frame SMT0606
Accessories 3	Anti-glare diffuser ALDAG-0606

Technical Drawings



4000K

