

7 Years
Product Warranty
UK Only

2 Years
On-Site Warranty
Main-land UK Only



Alden 2 Pro

06888

ALDP27-SCT

Alden 2 Pro 27W 600x600 IP65 CCT switchable

- Save up to 50% energy usage compared to traditional fluorescent fittings
- Square edge tray with robust structure to allow even light distribution around the edge
- TP(a) rated diffuser
- DALI, 1-10V (0-10V) and Push dimming alternative driver available
- IP44/IP65(27W and 36W) when ceiling recess mounted
- Include Philips CertaDriver LED driver
- Flicker free
- UGR < 19
- Optional anti-glare diffusers available



Overview

Alden Pro LED panels offer 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. CCT switchable and Supplied with polycarbonate or polystyrene diffusers and flicker-free drivers as standard.



General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IK Rating	IK04
IP Rating	IP65
Protection Rating	Class III
Installation Area	Internal
L80B10 Lifetime (h) @Ta 25 °C	60,000 h

Compliance

LVD	EN 60598-1:2024, EN 60598-2-2:2012, EN 62031:2020, EN 62493:2015+A1:2022, EN 62778:2014
EMC	EN 55015:2019+A11:2020, EN 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, EN 61547:2023

Technical Summary

Product Code	ALDP27-SCT
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	28A/100µs
Default Power	27 W
Driver Code/Part number	Philips CertaDrive 28W 0.7A 40V 230V I
Driver Maximum Power (W)	28 W
Driver Output Current (mA)	700
Power Factor	>0.94
Driver Power Factor	0.9
Settable Colour Temperatures	3000K, 4000K, 6500K
SDCM of CCT	<6
CRI	≥82
Dimmable	N
Flicker	<1%
Lumens Output Maximum	3,100 lm
Maximum Efficiency	115 lm/W
Emergency Luminous Flux	550 lm
L70B50 Lifetime (h) @Ta 25 °C	60,000 h
L80B10 Lifetime (h) @Ta 25 °C	60,000 h
L90B10 Lifetime (h) @Ta 25 °C	54,000 h
Nominal Lifetime (h)	50,000 h
Glow wire temperature(°C)	850
Blue Light Hazard	RG1
Weight	1.7Kg
Dimensions (L x W x D) (mm)	595x595x36
LS Energy Efficiency Class	D

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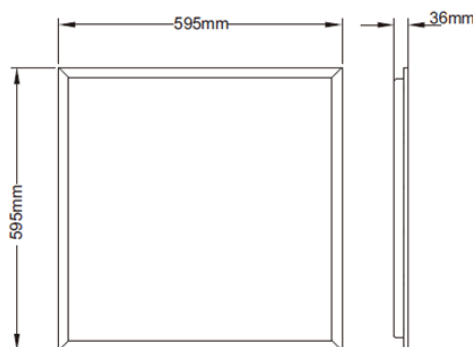
Optional Gear

Product Code	Description	Type
EMPAD02	Niah Emergency Panel kit 2.5W Manual test	Emergency Module
UEM04/ST	Universal Emergency Module Pro 4W Self Test	Self-test Emergency Module
UEM04	Universal Emergency Module Pro 4W	Emergency Module
UEM03/ST	Universal Emergency Module 3W Self Test	Self-test Emergency Module
UEM03	Universal Emergency Module 3W	Emergency Module
CYC030TDC30-90	30W DALI2 1-10V primary push dim driver (KL30C-PDiiV)	Dimmable Driver
EMPAD02/ST	Niah Emergency Panel kit 3.5W Self test	Self-test Emergency Module
DRC40/DA	Dimmable Driver: 40W DALI2 1- 10V primary push dim driver	Dimmable Driver

Accessories

Product Code	Description	Type
ALDAG-0606	Alden 595x595mm anti-glare diffuser	Diffuser
SUS04	LED Panel & Slim Line 2 suspension kit (4 cables per bag)	Suspension Kit
SMT0606	Surface-mount frame for 600x600 panel, White	Mount Frame
SUS04/25	Suspension kit 2.5m Alden & Nevis & Slim Line 2 (4 cables per bag)	Suspension Kit

Settable (Default in Bold)	Variable	
CCT (K)	Rated Power (W)	Total Luminous Flux (lm)
3000	27	2900
4000	27	3100
6500	27	2900



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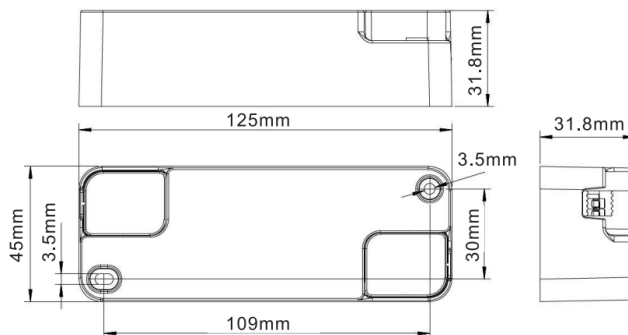
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