

7 Years
Product Warranty
UK Only

2 Years
On-Site Warranty
Main-land UK Only



Alden 4 Pro

08664 ALDP436-SCT

Alden 4 Pro Wattage switchable 600x600 IP65 CCT switchable

- High efficiency up to 150lm/W
- TP(a) rated diffuser for enhanced fire safety
- Switchable wattage and CCT (3000/4000/6500K)
- DALI, 1-10V (0-10V) and Push dimming alternative driver available
- IP65 when ceiling recess mounted
- Visual comfort flicker-free technology with short term flicker perceptibility (Pst) Being measured at 0
- UGR < 17
- Optional anti-glare diffusers available
- SDCM < 3



Overview

Alden 4 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 & Wattage 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
Materials	Housing: Iron + Aluminium, Diffuser: Polystyrene (TPa)
Protection Rating	Class III
Installation Area	Internal
L80B10	111,000 h
Lifetime (h) @Ta 25 °C	

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	ALDP436-SCT
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	34A/220us
Settable Wattages	25W, 28W, 32W, 36W
Driver Code/Part number	DR40C65-95 (Kosnic)
Driver Maximum Power (W)	36 W
Driver Output Current (mA)	650, 750, 850, 950
Power Factor	0.95
Driver Power Factor	≥0.95
Settable Colour Temperatures	3000K, 4000K, 6500K
SDCM of CCT	<3
CRI	82
Dimmable	N
Flicker	<0.3%
Lumens Output Maximum	5,220 lm
Maximum Efficiency	153 lm/W
Emergency Luminous Flux	500 lm
L70B50 Lifetime (h) @Ta 25 °C	176,000 h
L80B10 Lifetime (h) @Ta 25 °C	111,000 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	1.9Kg
Dimensions (L x W x D) (mm)	595x595x36
LS Energy Efficiency Class	C

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Optional Gear

Product Code	Description	Type
DRC42/CSB	Dimmable Driver: Casambi dimmable driver 42W Bluetooth & PUSH button	Dimmable Driver
DRC40/DA	Dimmable Driver: 40W DALI2 1-10V primary push dim driver	Dimmable Driver
UEM03	Universal Emergency Module 3W	Emergency Module
UEM03/SST	Universal Emergency Module Duo 3.5W Standard&Self-test	Emergency Module
UEM04	Universal Emergency Module Pro 4W	Emergency Module
UEM04/SST	Universal Emergency Module Pro Duo 4W Standard/Self Test	Emergency Module
UEM04/DA	Universal Emergency Module Pro DALI 4W	Emergency Module
EMPAD02	Niah Emergency Panel kit 2.5W Manual test	Emergency Module
EMPAD02/SST	Niah Duo Emergency Panel kit 2.5W Manual & Self-test	Emergency Kit

Accessories

Product Code	Description	Type
SMT0606	Surface-mount frame for 600x600 panel, White	Mount Frame
SAS0606	Clips for Burgess ceilings	Clips/Brackets
SRF0606	Skylight Recessed Frame 595x595mm	Mount Frame
SUS04	LED Panel & Slim Line 2 suspension kit (4 cables per bag)	Suspension Kit
SUS04/25	Suspension kit 2.5m Alden & Nevis & Slim Line 2 (4 cables per bag)	Suspension Kit
REC0606	Recessed-mount frame 595x595mm white	Mount Frame
SBX0606	Surface-mount frame Pre-build 595x595mm, White	Mount Frame

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IP65



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Rated Power (W)	Current (mA)	CCT (K)	Lumen (lm)
25	114	3000 (Warm White)	3370
25	114	4000 (Cool White)	3620

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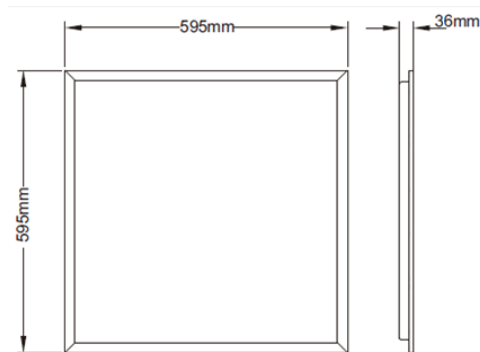
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25	114	6500 (Day Light)	3500
28	128	3000 (Warm White)	3920
28	128	4000 (Cool White)	4200
28	128	6500 (Day Light)	4060
32	146	3000 (Warm White)	4480
32	146	4000 (Cool White)	4800
32	146	6500 (Day Light)	4640
36	165	3000 (Warm White)	4860
36	165	4000 (Cool White)	5220
36	165	6500 (Day Light)	5040



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