

5 5 Years
Product Warranty
UK Only

2 2 Years
On-Site Warranty
Main-land UK Only



Alden 4

08645 ALD425-W65

Alden 4 20W/25W/30W/36W backlit LED panel 595x595 CCT 6500k

- Switchable wattage
- High efficiency up to 150lm/W
- Available in anti-glare version with UGR <17 and standard version with UGR <19
- Save up to 17% energy usage compared with Alden III
- TP(a) rated diffuser for enhanced fire safety
- DALI 0-10V and PUSH dimming alternative driver available
- Optional plug-in emergency modules, available in standard, self-test and DALI
- IP44 when ceiling recessed mounted
- Visual comfort flicker free technology with short term flicker perceptibility (Pst) being measured at 0
- SDCM <3



IP44



Overview

The Kosnic Alden 4 LED panel offers direct backlit lighting with wide-angle optics to achieve even light distribution across the surface of the luminaire and is an easy-to-retro replacement for in-lay ceiling tile fittings. The panels are supplied with flicker-free drivers as standard.

General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IK Rating	IK04
IP Rating	IP44
Materials	Housing: Iron + Aluminium, Diffuser: Polystyrene (TP(a))
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	ALD425-W65
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)	40 W
Driver Output Current (mA)	650, 750, 850, 950
Power Factor	0.95
Driver Power Factor	≥0.95
Default CCT	6,500 K
SDCM of CCT	≤3
CRI	82
Dimmable	N
Flicker	<1%
Lumens Output Maximum	3,520 lm
Maintained 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	1.5Kg
Dimensions (L x W x D) (mm)	595x595x26
LS Energy Efficiency Class	D

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Kosnic.com



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Optional Gear

Product Code	Description	Type
UEM03	Universal Emergency Module 3W	Emergency Module
UEM04	Universal Emergency Module Pro 4W	Emergency Module
UEM04/DA	Universal Emergency Module Pro DALI 4W	Emergency Module
EMPAD02	Niah Emergency Panel kit 2.5W Manual test	Emergency Module
DRC30/DA	Dimmable Driver: 30W DALI, 1-10V, Primary PUSH Driver	Dimmable Driver
DRC40/DA	Dimmable Driver: 40W DALI2 1-10V primary push dim driver	Dimmable Driver
UEM03/SST	Universal Emergency Module Duo 3.5W Standard&Self-test	Emergency Module
UEM04/SST	Universal Emergency Module Pro Duo 4W Standard/Self Test	Emergency Module
EMPAD02/SST	Niah Duo Emergency Panel kit 2.5W Manual & Self-test	Emergency Kit
DRC42/CSB	Dimmable Driver: Casambi dimmable driver 42W Bluetooth & PUSH button	Dimmable Driver

Accessories

Product Code	Description	Type
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
SMT0606	Surface-mount frame for 600x600 panel, White	Mount Frame
SAS0606	Clips for Burgess ceilings	Clips/Brackets
REC0606	Recessed-mount frame 595x595mm white	Mount Frame
SRF0606	Skylight Recessed Frame 595x595mm	Mount Frame
ALDAG-0606	Alden 595x595mm anti-glare diffuser	Diffuser
SBX0606	Surface-mount frame Pre-build 595x595mm, White	Mount Frame

Power (W)	Current (mA)	Lumen (lm)
25	114	3500
28	128	3640
32	146	4160
36	165	4680

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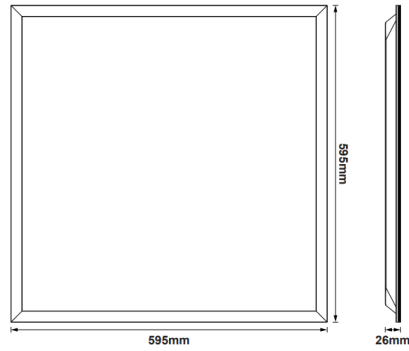
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