

5 5 Years
Product Warranty
UK Only

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



Alden 4

08793 ALD41206-W40

Alden 4 wattage switchable backlit LED panel, 1200x600, 4000K

- Switchable wattage
- Save up to 17% energy usage compared with Alden III
- High efficiency up to 140lm/W
- 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



Overview

The Alden range of backlit LED panels provide a flicker free low glare panel with options for DALI, 1-10v and push dimming available.

With a TP(a) diffuser and CRI of 82 the Alden 4 suitable for wide spread use without discomfort.

General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IK Rating	IK02
IP Rating	IP44
Materials	Housing: Iron + Aluminium, Diffuser: Polystyrene (TP(a))
Protection Rating	Class III
Installation Area	Internal
L80B10 Lifetime (h) @Ta 25 °C	111,000 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	ALD41206-W40
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	34A/220uS
Settable Wattages	30W/34W/38W/42W
Driver Code/Part number	DR40C75-105 (Kosnic)
Driver Maximum Power (W)	40 W
Driver Output Current (mA)	750, 850, 950, 1050
Power Factor	0.95
Driver Power Factor	≥0.95
Default CCT	4,000 K
SDCM of CCT	≤3
CRI	82
Dimmable	N
Flicker	<1%
Lumens Output Maximum	5,880 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	3.3Kg
Dimensions (L x W x D) (mm)	1195x595x36
LS Energy Efficiency Class	C

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Optional Gear

Product Code	Description	Type
UEM04	Universal Emergency Module Pro 4W	Emergency Module
UEM03	Universal Emergency Module 3W	Emergency Module
EMPAD02	Niah Emergency Panel kit 2.5W Manual test	Emergency Module
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
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

Accessories

Product Code	Description	Type
ALDAG-1206	Alden 595x1295mm anti-glare diffuser	Diffuser
SUS04	LED Panel & Slim Line 2 suspension kit (4 cables per bag)	Suspension Kit
SMT1206	Surface-mount frame for 1200x600 panel, White	Mount Frame
SUS04/25	Suspension kit 2.5m Alden & Nevis & Slim Line 2 (4 cables per bag)	Suspension Kit
REC1206	Recessed-mount frame 595x1195mm white	Mount Frame

Power (W)	Current (mA)	Lumen (lm)
30	137	4200
34	156	4760
38	174	5320
42	192	5880

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IP44



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IP Rating	IP44
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Nominal Lifetime (h)	50,000 h
Protection Rating	Class III
Installation Area	Internal

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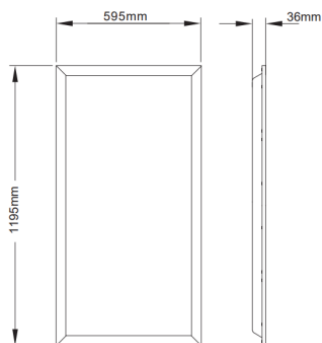
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