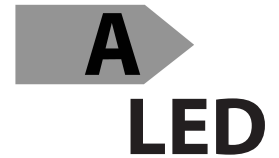


ALED Arizona



Product information

Arizona linear light is designed with Micro-prismatic, which is glare free with high efficiency. It allows pendant, surface mounted and recessed installation.

Features

- * High efficacy of more than 130LM/W.
- * Seamless connection without light leakage.
- * Fast installation and easy maintenance.
- * Optimum glare control.
- * Shining free and uniform light.
- * Individual and continuous row optional.



Product data

General Information	
Light source type	LED
Number of LED module	1 pcs
Beam angle of LED module	80° down/120° up
Color temperature	3000K/4000K
CRI	90
LED module replaceable	Yes
Number of LED driver	1 unit(Standard)
Driver included	Yes
Driver replaceable	Yes
L90 lifetime of LED module	50,000 hrs
L80 lifetime of LED module	100,000 hrs
LED module lumen	6400 (3500 ↓ +2900 ↑) lm
Operating and Electrical	
Input Voltage	220-240 Vac
Input frequency	50 to 60 Hz
System wattage	50 W
Power factor	0.95
Surge protection	2KV L-N
Ambient temperature range	-20°C to +40°C
Performance ambient temperature Tq	+25°C

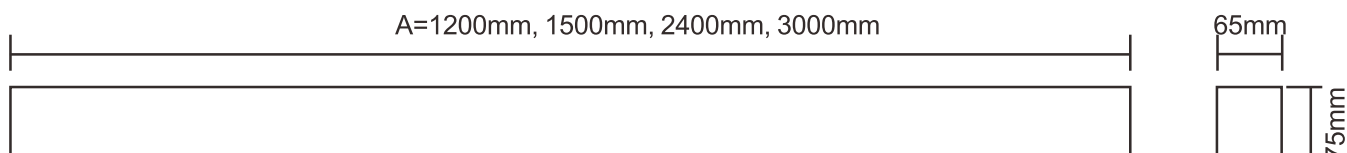
SDCM	3 steps
Optical type	Lens
Control and dimming	DALI/PUSH
Connection type	5 pole connector
Protection class IEC	Safety class I
Glow-wire test	650°C, 30 s
UGR	≤15.3
PstLM	< 0.5
SVM	< 0.4
CE Mark	Yes
EU RoHS compliant	Yes
Net weight (piece)	5.2 Kg
Dimension	
Overall length	1500mm
Overall width	65 mm
Overall height	75 mm
Mechanical and Housing	
Housing material	Aluminum
Optical material	PET film with PC cover
Housing color	White(RAL9016),Black(RAL9005)
Heatsink material	Aluminum
Ingress protection code	IP 40
Mech. impact protection code	IK 08
Remarks	
LED driver failure rate at 50,000hrs	5 %
Power consumption tolerance	± 7 %



Product picture



Dimensional drawing



Max load on breaker

Type of electrical protection installation		Maximum number of luminaires to install	
		Arizona 50W DALI	Arizona 50W Non-dimmable
MCB16A	B TYPE	15	17
	C TYPE	25	27

Inrush Current (230VAC)	34A, 350 μ s	30.9A, 220 μ s
Surge transient protection acc to. EN 61547 Clause 5.7	LN/PE 2KV, L/N 1KV	LN/PE 2KV, L/N 1KV

Model	I _{peak}	T _{width}	Condition	Relative number of MCB														
				B10	B13	B16	B20	B25	C10	C13	C16	C20	C25	D10	D13	D16	D20	D25
BK-DAL030-0800Ad	4.05A	182 μ s	AC 230V, Full load, Cold start, T _a \leq 30°C, MCB is not installed side by side	45	59	72	91	113	45	59	72	91	113	45	59	72	91	113
BK-DAL040-1050Ad	4.00A	170 μ s		34	45	55	69	86	34	45	55	69	86	34	45	55	69	86
BK-DAL050-1300Ad	4.75A	162 μ s		28	37	45	56	70	28	37	45	56	70	28	37	45	56	70
BK-DAL060-1650Ad	5.10A	148 μ s		23	30	37	47	59	23	30	37	47	59	23	30	37	47	59
BK-DAL080-2000Ad	9.25A	174 μ s		18	23	28	35	44	18	23	28	35	44	18	23	28	35	44

Unified Glare Rating Table

Lum. Name: Arizona	Lum. Catalog: 1.5m Linear Light	Test ID: 2021-09-22
Lamp Name: 0,0	Lamp Catalog:	Test Lab: EVERFINE
Manufacture:	Test Machine: GON-2000	Test Date: 2021-09-22

Unified Glare Rating Table

Ceiling RCC	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
Wall RW	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
Floor RFC	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room Size	Vewed crosswise					Vewed endwise				
X=2H Y=2H	14.8	15.6	15.8	16.6	17.8	16.5	17.3	17.4	18.2	19.4
Y=3H	15.3	16.1	16.3	17.0	18.3	17.1	17.8	18.1	18.8	20.0
Y=4H	15.5	16.2	16.5	17.1	18.4	17.3	18.0	18.3	19.0	20.2
Y=6H	15.6	16.2	16.6	17.2	18.4	17.5	18.1	18.4	19.1	20.3
Y=8H	15.6	16.2	16.6	17.2	18.4	17.5	18.1	18.5	19.1	20.3
Y=12H	15.6	16.1	16.6	17.1	18.4	17.5	18.0	18.5	19.0	20.3
X=4H Y=2H	15.2	15.9	16.2	16.8	18.1	16.6	17.3	17.6	18.2	19.5
Y=3H	15.9	16.4	16.8	17.4	18.7	17.4	17.9	18.4	18.9	20.2
Y=4H	16.1	16.6	17.1	17.6	18.9	17.7	18.2	18.7	19.2	20.5
Y=6H	16.2	16.7	17.2	17.7	19.0	17.9	18.3	18.9	19.3	20.6
Y=8H	16.3	16.7	17.3	17.7	19.0	17.9	18.4	18.9	19.4	20.6
Y=12H	16.3	16.6	17.3	17.7	19.0	18.0	18.3	19.0	19.3	20.6
X=8H Y=4H	16.2	16.6	17.2	17.6	18.9	17.7	18.1	18.7	19.1	20.4
Y=6H	16.4	16.8	17.5	17.8	19.1	18.0	18.3	19.0	19.3	20.7
Y=8H	16.5	16.8	17.5	17.8	19.1	18.1	18.4	19.1	19.4	20.7
Y=12H	16.6	16.8	17.6	17.8	19.2	18.1	18.4	19.2	19.4	20.8
X=12H Y=4H	16.2	16.5	17.2	17.6	18.9	17.6	18.0	18.7	19.0	20.3
Y=6H	16.4	16.7	17.5	17.7	19.1	17.9	18.2	19.0	19.2	20.6
Y=8H	16.5	16.8	17.6	17.8	19.2	18.0	18.3	19.1	19.3	20.7
Variations with the objverver position at spacings										
S=1.0H	0.5/-0.6					0.6/-0.6				
S=1.5H	1.1/-1.2					1.0/-1.1				
S=2.0H	1.6/-1.9					1.6/-1.7				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	1.4					1.3				

To the CIE Pub.117, data has been corrected, refers to the lamp's lumens 8.2flm.