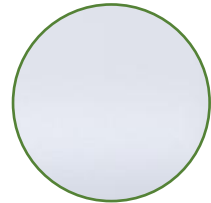


SURFACE MOUNT LED BULKHEAD OVAL LIGHT



MODEL: AD/L9301-15W- ☐ K

Classification

IP65

Application

Surface mount direct bulkhead oval luminaire, providing efficient, uniform lighting with a sleek, oval design. Perfect for wall or ceiling installation in both indoor and outdoor settings, offering durability and energy efficiency.

Installation

Surface mount installation on walls or ceilings for oval-shaped, direct lighting.

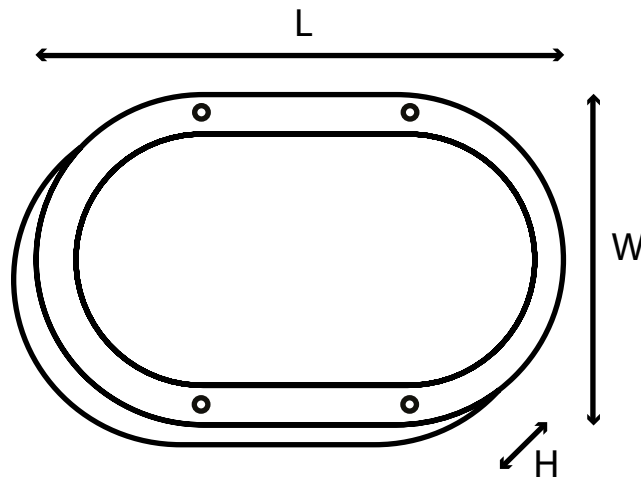
Material

Die-Cast Aluminum

Correlated Color Temperature (CCT)

Cold White	6500K
Neutral White	4000K
Warm White	3000K

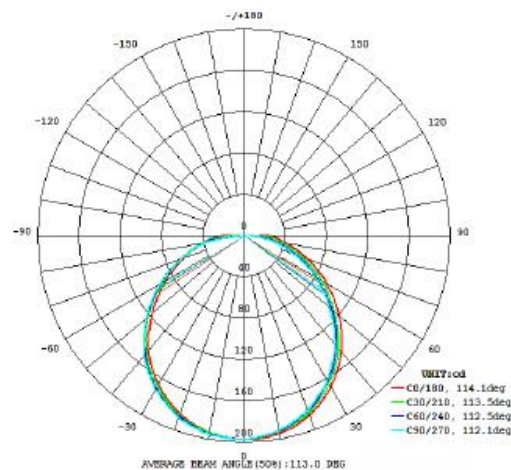
Dimension and Mounting Details



General Specifications

POWER	L(MM)	W(MM)	H(MM)	WEIGHT(KG)	LUMENS
15W	275	180	85	0.670	600lm

Light intensity Distribution



Technical Parameters

	AL ADWAA
Power	15W
Light Source	SMD Chip
Color Temperature	3000K/4000K/6500K
Ingress Protection	IP65
Input Voltage, Frequency	AC110-240V, 50/60 Hz
Ambient Temperature (Ta)	-10...50°C
Application	Indoor Use
Emergency Option	Available with emergency pack for minimum 3 hours

GENERAL CHARACTERSTICS

Shape	Oval
Diffuser Type	Frosted White
Light Surface Area (cm)	23.5X14
Finish	Matt
Life Time (hours)	30,000h
Switching Cycles	15,000 On / OFF

LIGHT CHARACTERSTICS

Rated Luminous Flux	600lm
Color Rendering Index (CRI)	>80
Displacement Factor	>0.9
Efficacy	40lm/W
Beam Angle	N/A
Lamp Type	In-Direct
Color Consistency	< 6 Step MacAdam Ellipse
Non-Dimmable Light	YES
Lumen Maintenance	>80%
Starting Time	< 1 Second

CHIP DATA SHEET

LED CHIP 0.2W - Z-2835-XXX-1C

Features & Benefits

- Extremely wide viewing angle.
- Suitable for all SMT assembly and soldering process.
- Available on tape and reel.
- Moisture sensitivity level: Level 5.
- Package: 4,000pcs/reel or 20,000pcs/reel.
- RoHS compliant.



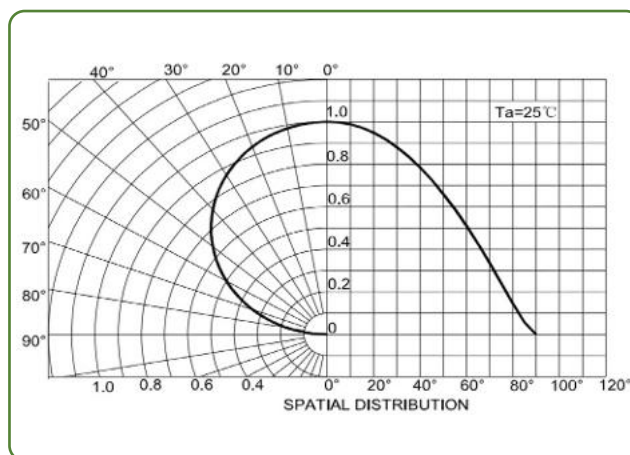
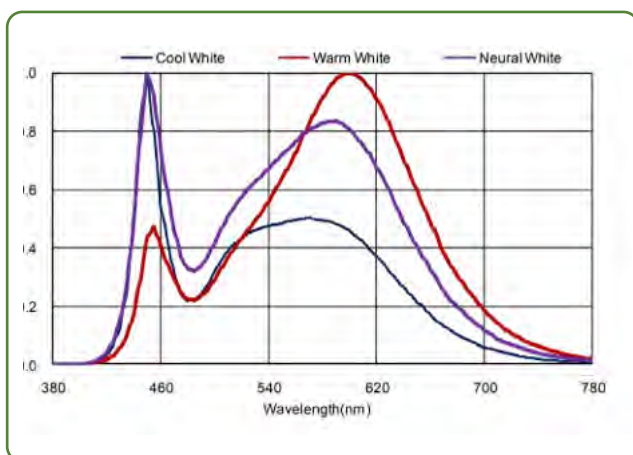
Description

The White LED which was fabricated using a blue chip and the phosphor



Applications

- Optical indicator
- Indoor display
- Automotive lighting
- Backlight for LCD, switch and Symbol, display
- Outdoor lighting
- General use



Photoelectric parameters

PARAMETER	SYMBOL	RATING	UNITS
Power dissipation	Pd	180	mW
Forward current	If	60	mA
Reverse voltage	Vr	5	V
Operating temperature	Topr	-20~+85	°C
Storage temperature range	Tstg	-35~+85	°C
Pulse forward Current (Duty cycle 1/10@1KHz)	Ifg	90	mA
Electrostatic Discharge HBM)	ESD	2000(HBM)	V
Work lamp bead foot temperature	Tp	≤85	°C

Electrical-optical characteristics(Ta=25°C)

PARAMETER	TEST CONDI-TION	SYMBOL	MIN	TYPICAL	MAX	UNITS
Forward voltage	If=150mA	Vf	2.9	--	3.4	V
Luminous flux		Φ	26	--	28	Lm
Viewing angle at 50% Iv		2θ 1/2	--	120	--	Deg
Reverse current	Vr=5V	Ir	0	0	1	μA
Color Index	If=150mA	Ra	--	80	--	--
Junction temperature		Tj	--	--	115	°C
Thermal Resistance (Junction /Soldering point)		Rthj-s	--	18	--	°C/W

Notes:

1. Luminous flux measurement tolerance: ±5%
2. Forward voltage tolerance is ±0.1V
3. CRI measurement tolerance: ±2

Driver Data Sheet

LED DRIVER 15W - ADD15W285mA

Driver Image



1. Dimensions :

Length	Width	Height
85mm	36mm	23mm

2. Input & Output Parameters :

Parameter	Min	Normal	Max
Input Voltage (Vac)	100V	220V	265V
Input Power	11.9W	14.1W	17.52W
Power Factor	0.90	0.90	0.90
Output Voltage (Vdc)	40V	45V	54V
Output Current (mA)	270mA	285mA	295mA
Efficiency	88%	90%	92%
Surge	1.5KV	1.5KV	1.5KV

Ordering Information

Model No.	Power	CCT	CBM
AD/L9301-15W-3K/ALBL	15W	3000K	
AD/L9301-15W-4K/ALBL		4000K	
AD/L9301-15W/ALBL		6500K	