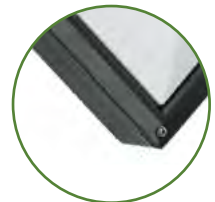
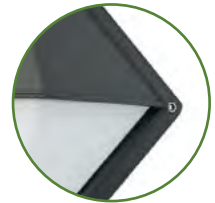
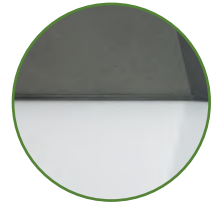


SURFACE MOUNT LED BULKHEAD PYRAMID LIGHT



MODEL: AD/L9305- W- K

Classification

IP65

Application

Surface Mount LED Bulkhead Pyramid Light, designed for durability and efficient illumination. Ideal for both indoor and outdoor applications, it provides reliable lighting for pathways, corridors, entrances, and other spaces.

Installation

Surface mount on Wall or Ceiling.

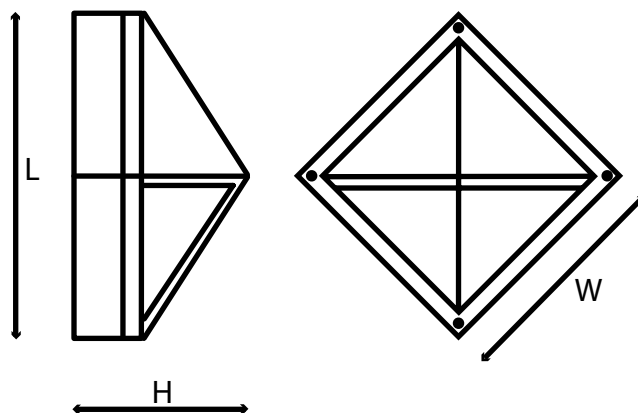
Material

Die-Cast Aluminum

Correlated Color Temperature (CCT)

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

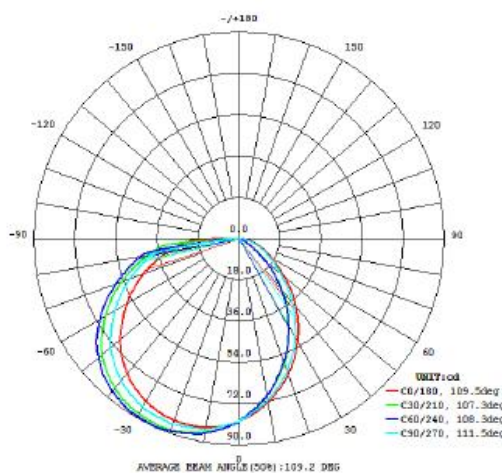
Dimension and Mounting Details



General Specifications

POWER	L(MM)	W(MM)	H(MM)	WEIGHT(KG)	LUMENS
6W	218	125	218	1.120	60lm
15W	218	125	218	1.120	150lm
22W	218	125	218	1.120	220lm

Light intensity Distribution



Technical Parameters

	AL ADWAA		
Power	6W	15W	22W
Light Source	SMD Chip		
Color Temperature	3000K/4000K/6500K		
Ingress Protection	IP65		
Input Voltage, Frequency	AC110-240V, 50/60Hz		
Ambient Temperature (Ta)	-10...50°C		
Application	Indoor Use		
Emergency Option	Available with emergency pack for minimum 3 hours		

GENERAL CHARACTERSTICS

Shape	Pyramid-Inspired Rectangular Frame		
Diffuser Type	Frosted White		
Light Surface Area (cm)	24.5X17X17	24.5X17X17	24.5X17X17
Finish	Matt		
Life Time (hours)	30,000h		
Switching Cycles	15,000 On / OFF		

LIGHT CHARACTERSTICS

Rated Luminous Flux	60lm	150lm	220lm
Color Rendering Index (CRI)	>80		
Displacement Factor	>0.9		
Efficacy	10lm/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.



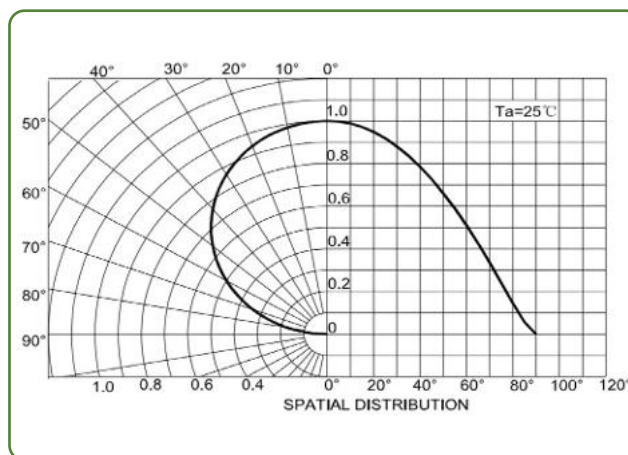
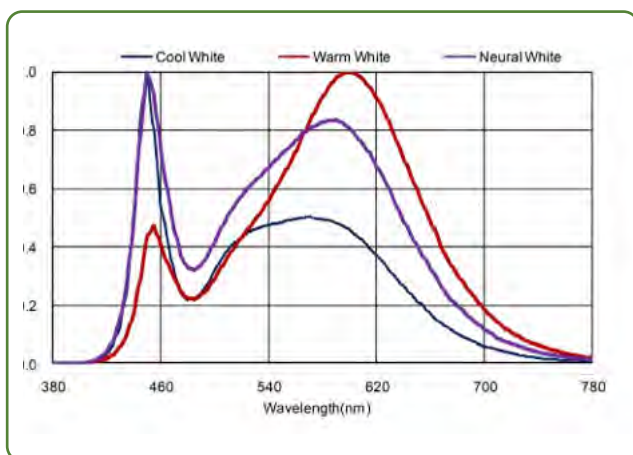
Description

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	μ A
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

Drivers Data Sheet

Dimensions :

Driver Type	Model No.	Length	Width	Height
LED DRIVER 7W	ADD7W285mA	64.5mm	31mm	19.8mm
LED DRIVER 10-15W	ADD15W285mA	85mm	36mm	23mm
LED DRIVER 18-22W	ADD22W285mA	100mm	36mm	23mm

1. Input & Output Parameters for 7W :

Parameter	Min	Normal	Max
Input Voltage (Vac)	100V	220V	265V
Input Power	6.2W	7.4W	8.1W
Power Factor	0.90	0.90	0.90
Output Voltage (Vdc)	20V	21V	22V
Output Current (mA)	270mA	280mA	285mA
Efficiency	88%	90%	92%
Surge	1.5KV	1.5KV	1.5KV

2. Input & Output Parameters for 10W-15W :

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

3. Input & Output Parameters for 18W-22W :

Parameter	Min	Normal	Max
Input Voltage (Vac)	100V	220V	265V
Input Power	18.2W	20.4W	23.6W
Power Factor	0.90	0.90	0.90
Output Voltage (Vdc)	53V	63V	72V
Output Current (mA)	270mA	285mA	290mA
Efficiency	88%	90%	92%
Surge	1.5KV	1.5KV	1.5KV

Ordering Information

Model No.	Power	CCT	CBM
AD/L9305-6W-3K	6W	3000K	
AD/L9305-6W-4K		4000K	
AD/L9305-6W		6500K	
AD/L9305-15W-3K	15W	3000K	
AD/L9305-15W-4K		4000K	
AD/L9305-15W		6500K	
AD/L9305-22W-3K	22W	3000K	
AD/L9305-22W-4K		4000K	
AD/L9305-22W		6500K	