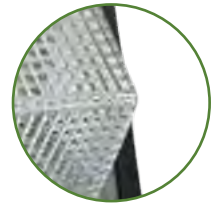
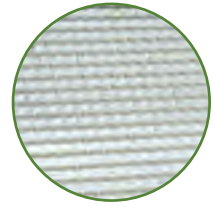


SURFACE MOUNT LED BULKHEAD INDUSTRIAL LIGHT



MODEL: AD/L9310- W- K

Classification

IP65

Application

Surface mount LED bulkhead industrial light, built for durability and efficiency. Ideal for outdoor and industrial settings, providing bright, uniform illumination in a weather-resistant and sturdy design.

Installation

Surface mount on Wall or Ceiling.

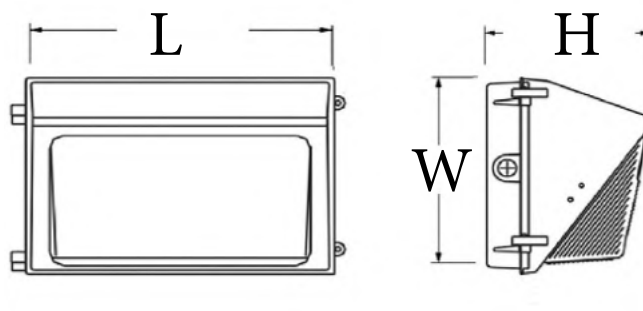
Material

Aluminum

Correlated Color Temperature (CCT)

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

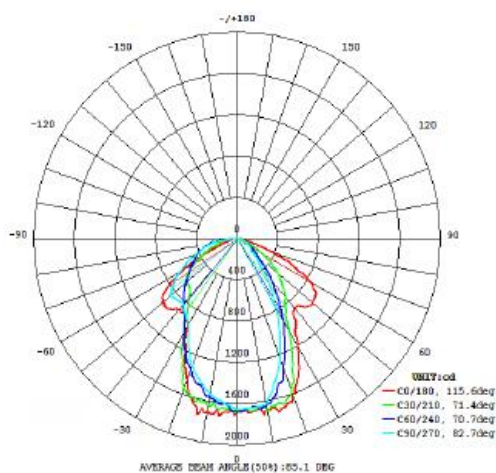
Dimension and Mounting Details



General Specifications

POWER	L(MM)	W(MM)	H(MM)	WEIGHT(KG)	LUMENS
50W	288	75	140	3.250	4250lm
100W	332	235	184	1.780	8500lm

Light intensity Distribution



Technical Parameters

	AL ADWAA	
Power	50W	100W
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	Rectangular	
Diffuser Type	Prismatic	
Light Surface Area (cm)	23.8X12.8X5.7	27.8X17.2X2
Finish	Matt	
Life Time (hours)	30,000h	
Switching Cycles	15,000 On / OFF	

LIGHT CHARACTERSTICS

Rated Luminous Flux	4250lm	8500lm
Color Rendering Index (CRI)	>80	
Displacement Factor	>0.9	
Efficacy	85lm/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 1W - Z-3030-XXX-2C

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.



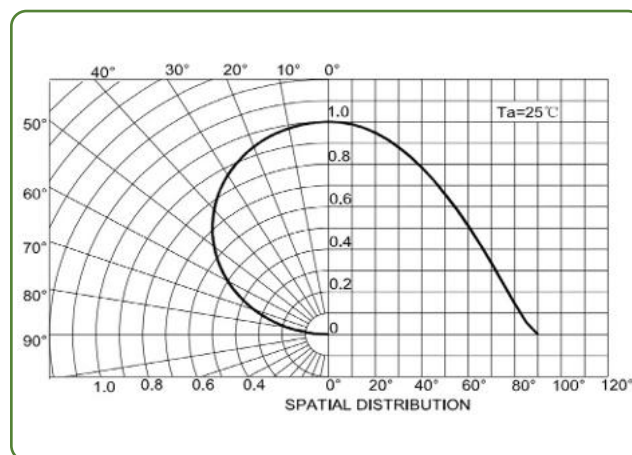
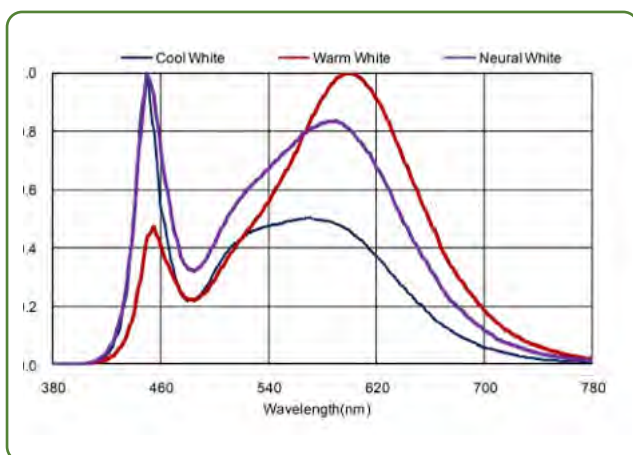
Description

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	960	mW
Forward current	If	150	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	225	mA
Electrostatic Discharge HBM)	ESD	2000(HBM)	V
Work lamp bead foot temperature	Tp	≤105	

Electrical-optical characteristics(Ta=25°C)

PARAMETER	TEST CONDI-TION	SYMBOL	MIN	TYPICAL	MAX	UNITS
Forward voltage	If=150mA	Vf	6.0	--	6.6	V
Luminous flux		Φ	140	--	150	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	--	--	125	°C
Thermal Resistance (Junction /Soldering point)		Rthj-s	--	25	--	°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 50W - ADD50W1400mA

Driver Image



1. Dimensions :

Length	Width	Height
94mm	36mm	28mm

2. Input & Output Parameters :

Parameter	Min	Normal	Max
Input Voltage (Vac)	100V	220V	320V
Input Power	52W	55W	61W
Power Factor	0.98	0.991	0.994
Output Voltage (Vdc)	30V	36V	40V
Output Current (mA)	1350mA	1400mA	1450mA
Efficiency	85%	88%	89%
Surge	4KV	4KV	5KV

Ordering Information

Model No.	Power	CCT	CBM
AD/L9310-50W-3K	50W	3000K	
AD/L9310-50W-4K		4000K	
AD/L9310-50W		6500K	
AD/L9310-100W-3K	100W	3000K	
AD/L9310-100W-4K		4000K	
AD/L9310-100W		6500K	