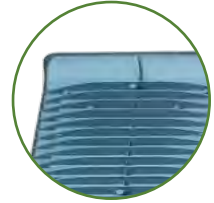
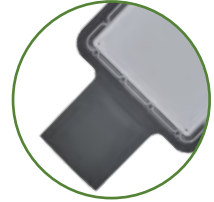
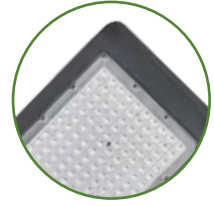


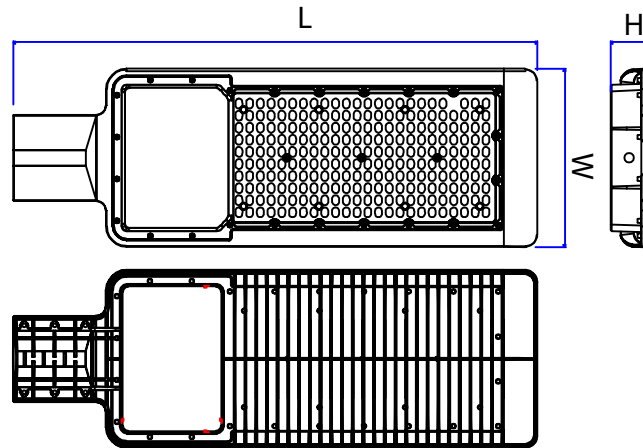
OUTDOOR LED STREET LIGHT



MODEL: AD/L4001A- W- K

Classification	IP66	
Application	Streetlights designed for outdoor use, perfect for illuminating road-Ways, highways, public parks, pedestrian pathways, parking lots, school campuses, airport terminals, and other urban and rural outdoor spaces.	
Installation	Pole-mounted on streets and pathways.	
Material	STEEL/ALUMINIUM	
Correlated Color Temperature (CCT)	Cold White	6500K
	Neutral White	4000K
	Warm White	3000K
Sensor	Sensor Ready socket	

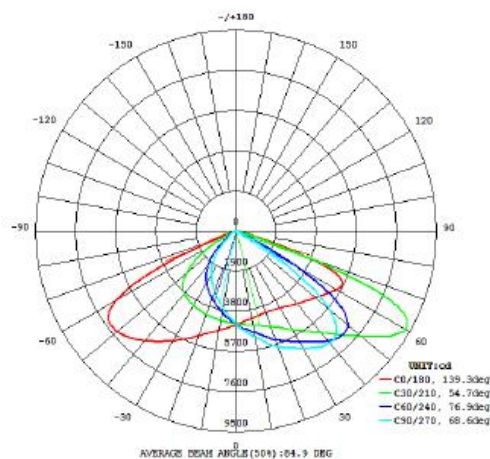
Dimension and Mounting Details



General Specifications

POWER	L(MM)	W(MM)	H(MM)	WEIGHT(KG)	LUMENS
50W	530	185	55	1.430	6000lm
100W	530	185	55	1.590	12000lm
150W	620	187	55	2.100	18000lm
200W	650	222	55	2.950	24000lm

Light intensity Distribution



Technical Parameters

	AL ADWAA			
Power	50W	100W	150W	200W
Light Source	SMD Chip			
Color Temperature	3000K/4000K/6500K			
Ingress Protection	IP66			
Input Voltage, Frequency	AC120-277V, 50/60Hz			
Ambient Temperature (Ta)	-10...50°C			
Application	Outdoor Use			
Emergency Option	Available with emergency pack for minimum 3 hours			

GENERAL CHARACTERSTICS

Shape	Rectangular			
Diffuser Type	Lens Plastic			
Light Surface Area (cm)				
Finish	Matt			
Life Time (hours)	50,000h			
Switching Cycles	15,000 On / OFF			

LIGHT CHARACTERSTICS

Rated Luminous Flux	6000lm	12000lm	18000lm	24000lm
Color Rendering Index (CRI)	>80			
Displacement Factor	>0.9			
Efficacy	120lm/W			
Beam Angle	120°			
Lamp Type	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.



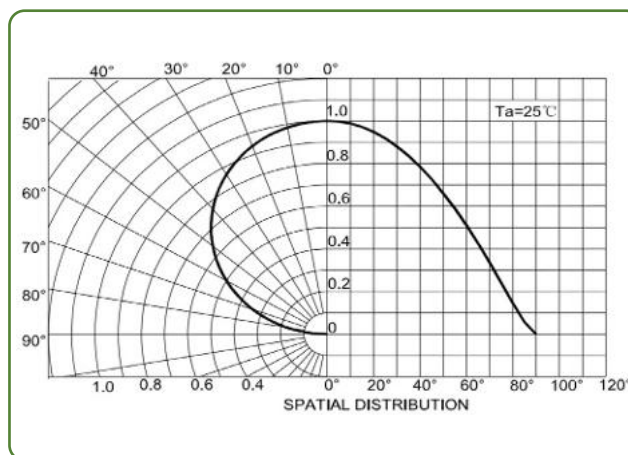
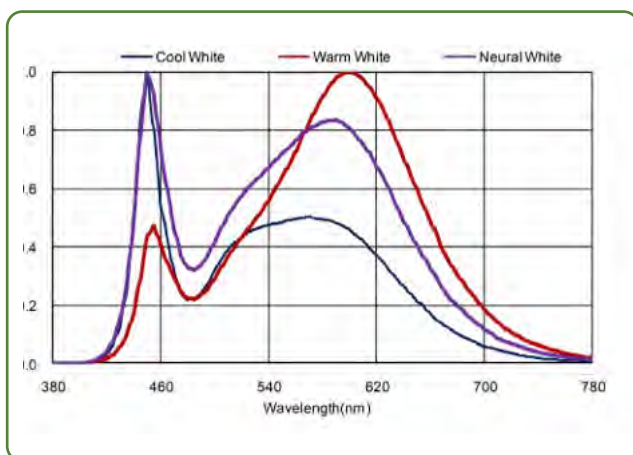
Description

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/L4001A-50W-3K	50W	3000K	0.0054
AD/L4001A-50W-4K		4000K	
AD/L4001A-50W		6500K	
AD/L4001A-100W-3K	100W	3000K	0.0054
AD/L4001A-100W-4K		4000K	
AD/L4001A-100W		6500K	
AD/L4001A-150W-3K	150W	3000K	0.0064
AD/L4001A-150W-4K		4000K	
AD/L4001A-150W		6500K	
AD/L4001A-200W-3K	200W	3000K	0.0079
AD/L4001A-200W-4K		4000K	
AD/L4001A-200W		6500K	