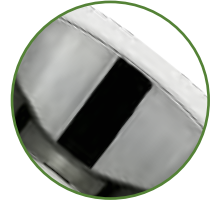


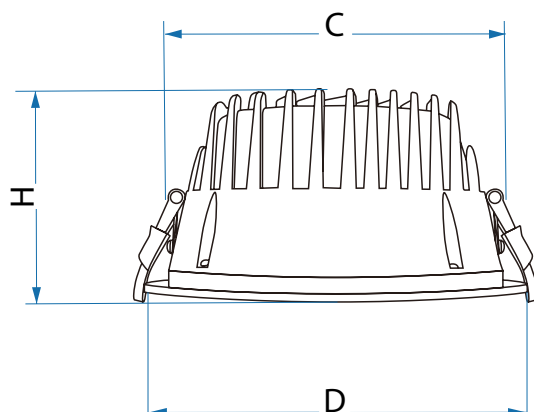
RECESSED MOUNT LED ANTI GLARE DOWNLIGHT



MODEL: AD/L2060- W- K

Classification	IP20/ IP40/ IP44		
Application	Anti-glare recessed lights, designed to minimize glare while providing focused illumination, perfect for indoor environments such as offices, retail spaces, residential areas, hotels, and other settings requiring comfortable and efficient lighting.		
Installation	Recessed mount on false ceiling.		
Material	ALUMINIUM		
Correlated Color Temperature (CCT)	Cold White	6500K	
	Neutral White	4000K	
	Warm White	3000K	
Reflector Type	Shining Black / White		

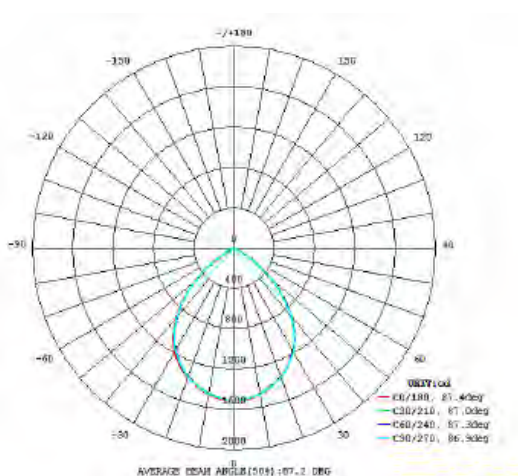
Dimension and Mounting Details



General Specifications

POWER	D(MM)	H(MM)	C(MM)	WEIGHT(KG)	LUMENS
7W	Ø90	45	Ø73	0.140	455lm
15W	Ø130	65	Ø107	0.240	1050lm
20W	Ø165	88	Ø145	0.450	1400lm
36W	Ø220	95	Ø195	0.750	2700lm

Light intensity Distribution



Technical Parameters

	AL ADWAA			
Power	7W	15W	20W	36W
Light Source	SMD Chip			
Color Temperature	3000K/4000K/6500K			
Ingress Protection	IP20/ IP40/ IP44			
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	Circular			
Diffuser Type	White Plastic			
Light Surface Area (cm)	5.3	9.2	12.5	17.5
Finish	Matt			
Life Time (hours)	30,000h			
Switching Cycles	15,000 On / OFF			

LIGHT CHARACTERSTICS

Rated Luminous Flux	455lm	1050lm	1400lm	2700lm
Color Rendering Index (CRI)	>80			
Displacement Factor	>0.9			
Efficacy	65lm/W	70lm/W	70lm/W	75lm/W
Beam Angle	80°			
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.



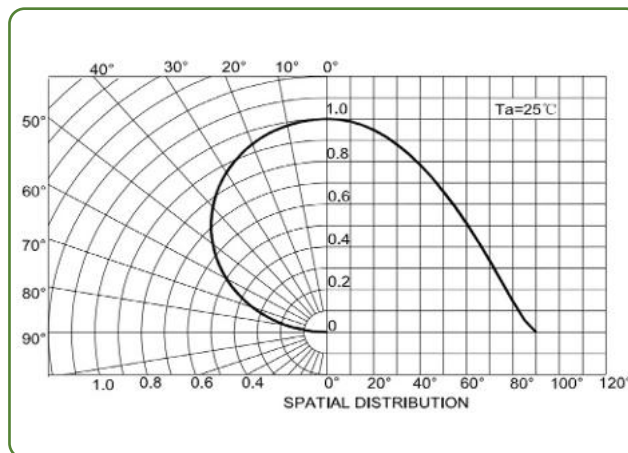
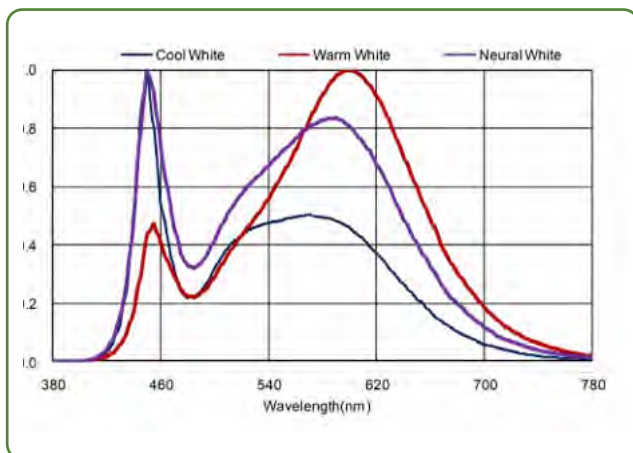
Description

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	μ A
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

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
LED DRIVER 30W	ADD30W300mA	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

4. Input & Output Parameters for 30W :

Parameter	Min	Normal	Max
Input Voltage (Vac)	85V	220V	265V
Input Power	25.8W	28.4W	35.1W
Power Factor	0.90	0.90	0.90
Output Voltage (Vdc)	80V	88V	110V
Output Current (mA)	290mA	292mA	293mA
Efficiency	85.1%	89.3%	90%
Surge	0.5KV	0.5KV	0.5KV

Ordering Information

Model No.	Power	CCT	CBM
AD/L2060-7W-3K	7W	3000K	
AD/L2060-7W-4K		4000K	
AD/L2060-7W		6500K	
AD/L2060-15W-3K	15W	3000K	0.0316
AD/L2060-15W-4K		4000K	
AD/L2060-15W		6500K	
AD/L2060-20W-3K	20W	3000K	0.0498
AD/L2060-20W-4K		4000K	
AD/L2060-20W		6500K	
AD/L2060-36W-3K	36W	3000K	0.0933
AD/L2060-36W-4K		4000K	
AD/L2060-36W		6500K	