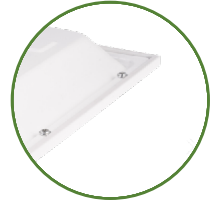
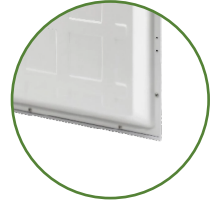


RECESSED MOUNT LED PANEL BACKLIGHT



MODEL: AD/L2100- W - K

Classification IP20/ IP40/ IP44

Application Luminaires designed for indoor use for commercial and Exhibition Locations, Hotels, Conference Room, Factory, Office House, Airport, Metro Station, School, Hospital, and other Public places.

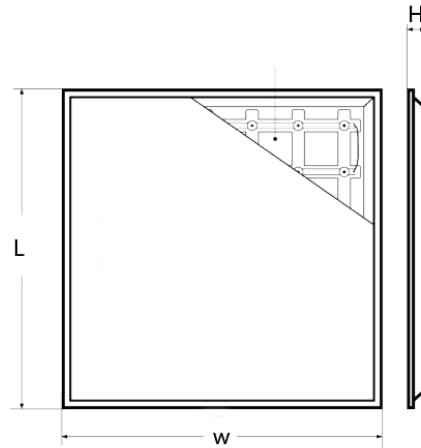
Installation Recessed mount on false ceiling.

Material STEEL/ALUMINIUM

Correlated Color Temperature (CCT)

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

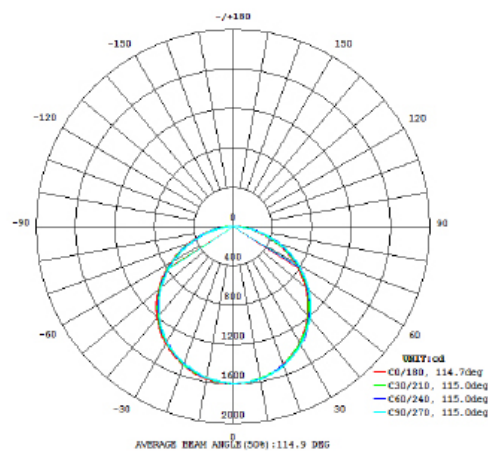
Dimension and Mounting Details



General Specifications

SIZE	POWER	L(MM)	W(MM)	H(MM)	WEIGHT(KG)	LUMENS
60X60	60W	596	596	33	1.580	6900lm
30X120	60W	1213	300	38	2.300	6600lm
30X60	30W	601	301	33	1.040	3000lm
60X120	120W	1212	600	57	4.700	12000lm
30X30	30W	302	302	35	0.700	3000lm

Light intensity Distribution



Technical Parameters

	AL ADWAA				
Power	60W	60W	30W	120W	30W
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	Rectangular				
Diffuser Type	Opal Plastic				
Light Surface Area (cm)	55.5X55.5	116.8X25.8	55.8X25.8	116.3X55.5	25.8X25.8
Finish	Matt				
Life Time (hours)	30,000h				
Switching Cycles	15,000 On / OFF				

LIGHT CHARACTERSTICS

Rated Luminous Flux	6900lm	6600lm	3000lm	12000lm	3000lm
Color Rendering Index (CRI)	>80				
Displacement Factor	>0.9				
Efficacy	115lm/W	110lm/W	100lm/W	100lm/W	100lm/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-2835-XXX-3C-Y

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.



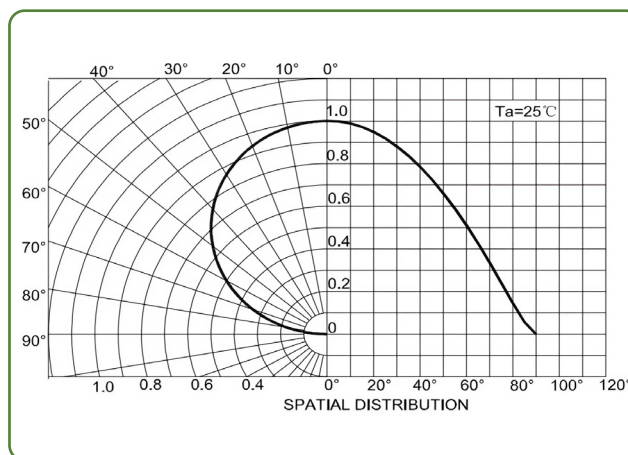
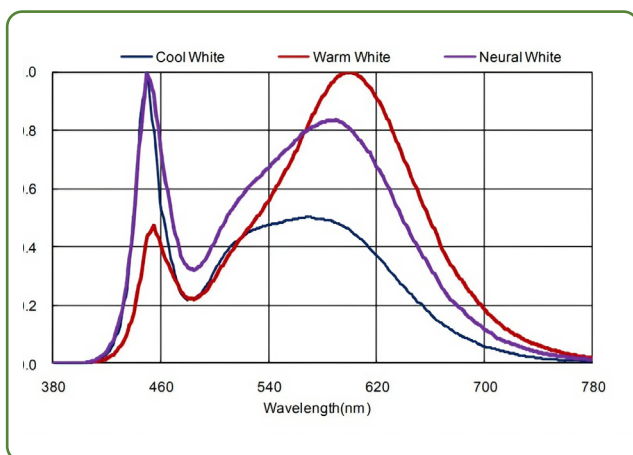
Description

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	100	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	150	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	9.0	--	9.9	V
Luminous flux		Φ	135	--	145	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

Driver Data Sheet

LED DRIVER 60W - ADD60W500mA

Driver Image



1. Dimensions :

Length	Width	Height
160mm	30mm	22mm

2. Input & Output Parameters :

Parameter	Min	Normal	Max
Input Voltage (Vac)	100V	220V	265V
Output Voltage (Vdc)	90V	107V	110V
Output Current (mA)	485mA	500mA	500mA
Power Factor	0.90	0.90	0.90
Efficiency	86.5%	91%	90%
Surge	0.5KV	0.5KV	0.5KV

Ordering Information

Model No.	Size	Power	CCT	CBM
AD/L2100-60W01-3K	60X60	60W	3000K	
AD/L2100-60W01-4K			4000K	
AD/L2100-60W01			6500K	
AD/L2100-60W02-3K	30X120	60W	3000K	
AD/L2100-60W02-4K			4000K	
AD/L2100-60W02			6500K	
AD/L2100-30W03-3K	30X60	30W	3000K	
AD/L2100-30W03-4K			4000K	
AD/L2100-30W03			6500K	
AD/L2100-120W04-3K	60X120	120W	3000K	
AD/L2100-120W04-4K			4000K	
AD/L2100-120W04			6500K	
AD/L2100-30W05-3K	30X30	30W	3000K	
AD/L2100-30W05-4K			4000K	
AD/L2100-30W05			6500K	