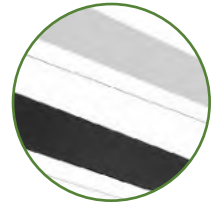
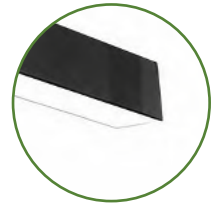
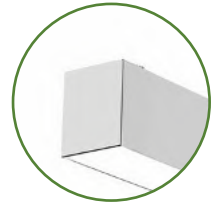
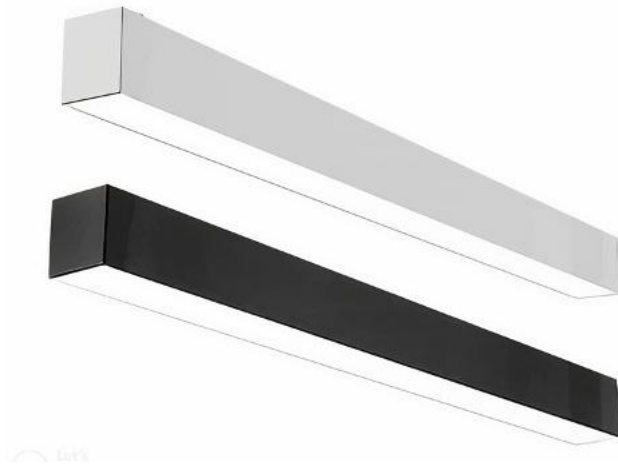


SUSPENDED LED LINEAR LIGHT



MODEL: AD/L1100- W- K

Classification

IP20/ IP40/ IP44

Application

Suspended LED linear light, delivering stylish, glare-free illumination ideal for offices, retail, and modern interiors. Perfect for even, energy-efficient lighting with a contemporary suspended design.

Installation

Suspended mount from ceiling for overhead illumination.

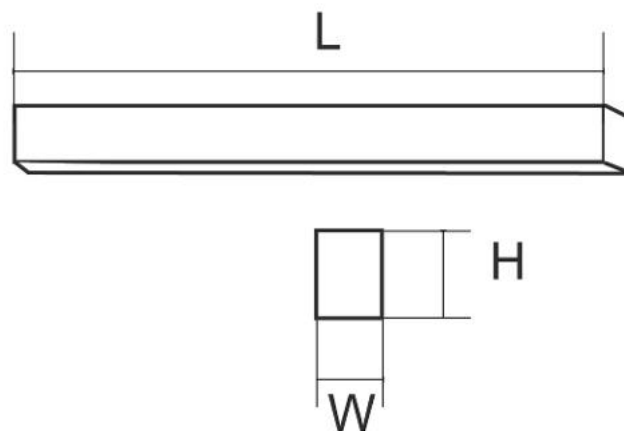
Material

Aluminum

Correlated Color Temperature (CCT)

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

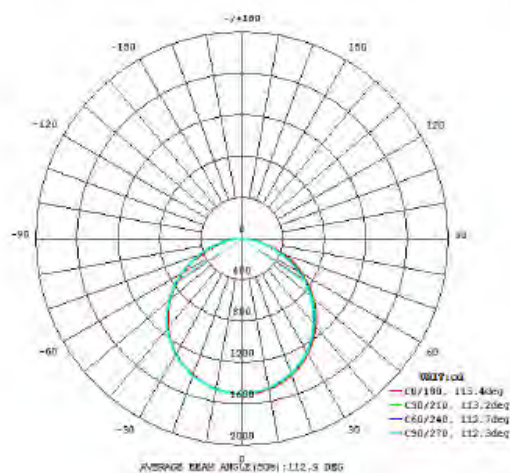
Dimension and Mounting Details



General Specifications

SIZE	POWER	L(MM)	W(MM)	H(MM)	WEIGHT(KG)	LUMENS
5CM	30W	1200	50	75	1.870	2250lm
7CM	60W	1200	70	86	1.970	4500lm

Light intensity Distribution



Technical Parameters

	AL ADWAA	
Power	30W	60W
Light Source	SMD Chip	
Color Temperature	3000K/4000K/6500K	
Ingress Protection	IP20/ IP40/ IP44	
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	Opal Plastic	
Light Surface Area (cm)	12X4.7	11.8X6
Finish	Matt	
Life Time (hours)	30,000h	
Switching Cycles	15,000 On / OFF	

LIGHT CHARACTERSTICS

Rated Luminous Flux	2250lm	4500lm
Color Rendering Index (CRI)	>80	
Displacement Factor	>0.9	
Efficacy	75lm/W	75lm/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 0.5W - 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.



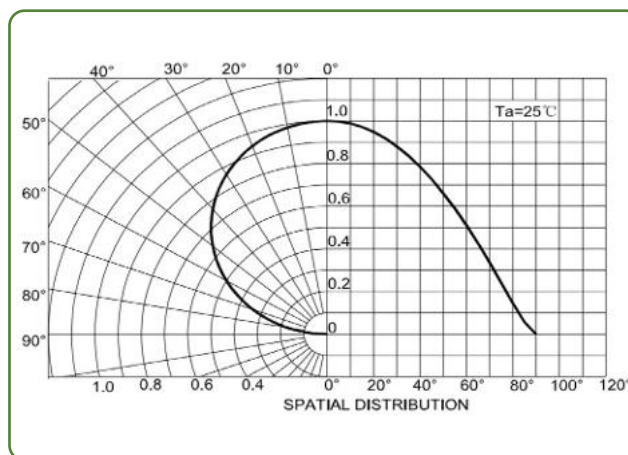
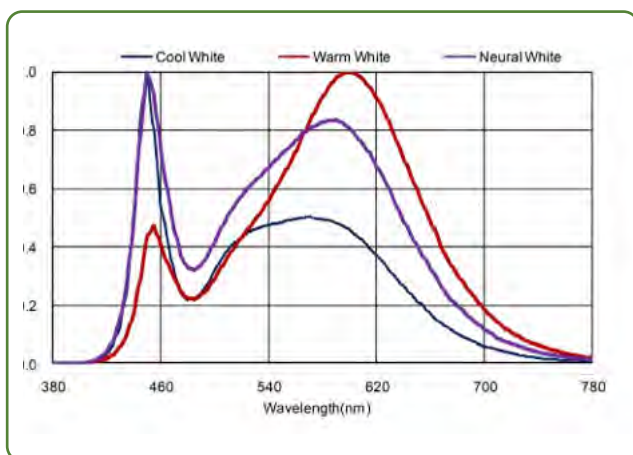
Description

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	480	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	°C

Electrical-optical characteristics(Ta=25°C)

PARAMETER	TEST CONDI-TION	SYMBOL	MIN	TYPICAL	MAX	UNITS
Forward voltage	If=150mA	Vf	2.8	--	3.3	V
Luminous flux		Φ	65	--	70	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	--	--	115	°C
Thermal Resistance (Junction /Soldering point)		Rthj-s	--	35	--	°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 30W - ADD30W300mA

Driver Image



1. Dimensions :

Length	Width	Height
100mm	36mm	23mm

2. Input & Output Parameters :

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/L1100-30W-3K	30W	3000K	
AD/L1100-30W-4K		4000K	
AD/L1100-30W		6500K	