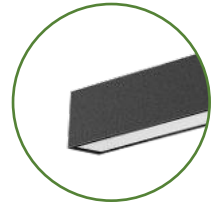
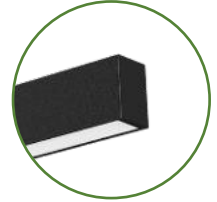
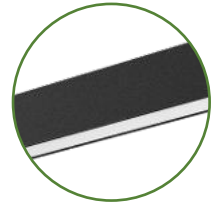


LINEAR SUSPENDED MOUNT (OPAL TYPE)



MODEL: AD/L1101-50W- ☐ K

Classification	IP20/ IP40/ IP44	
Application	LED Linear Luminaire, offering sleek, glare-free lighting ideal for offices, retail spaces, and contemporary interiors. Designed for uniform, energy-efficient illumination with a modern aesthetic.	
Installation	Surface mount from ceiling for overhead illumination.	
Material	Aluminum	
Correlated Color Temperature (CCT)	Cold White	6500K
	Neutral White	4000K
	Warm White	3000K

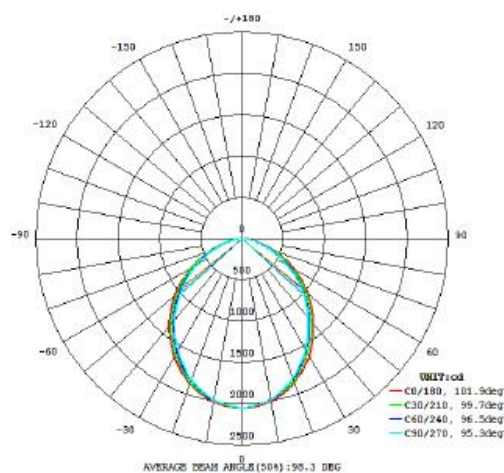
Dimension and Mounting Details



General Specifications

POWER	L(MM)	W(MM)	H(MM)	WEIGHT(KG)	LUMENS
50W	1200	70	53	1.470	3750lm

Light intensity Distribution



Technical Parameters

	AL ADWAA
Power	50W
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	Linear
Diffuser Type	Opal
Light Surface Area (cm)	118.5X4.7
Finish	Matt
Life Time (hours)	30,000h
Switching Cycles	15,000 On / OFF

LIGHT CHARACTERSTICS

Rated Luminous Flux	3750lm
Color Rendering Index (CRI)	>80
Displacement Factor	>0.9
Efficacy	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 2W 3535Y4C

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.



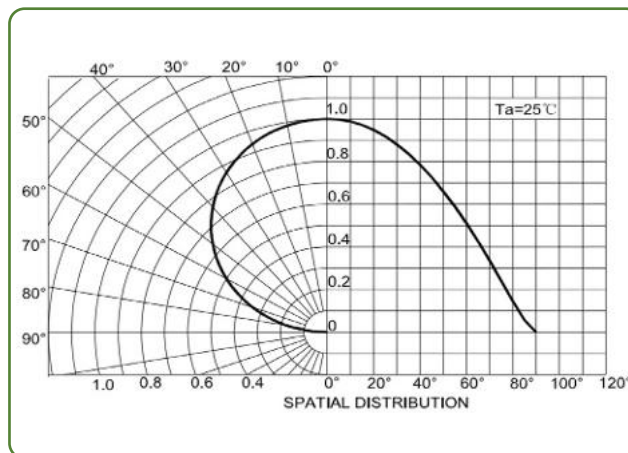
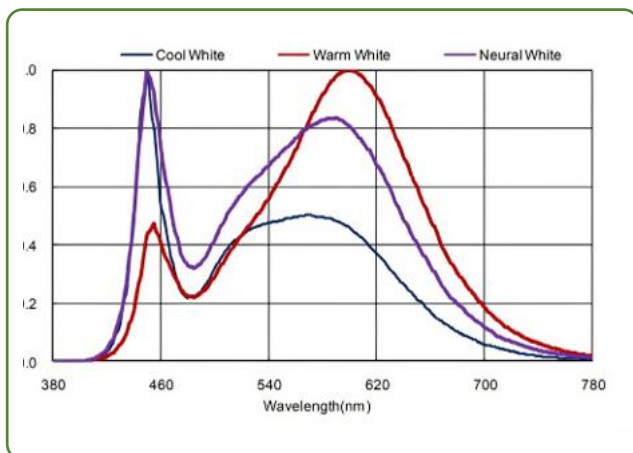
Description

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	2000	mW
Forward current	If	120	mA
Reverse voltage	Vr	20	V
Operating temperature	Topr	-30~+80	°C
Storage temperature range	Tstg	-40~+100	°C
Pulse forward Current (Duty cycle 1/10@1KHz)	Ifg	150	mA
Electrostatic Discharge HBM)	ESD	3000(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	11.5	--	12	V
Luminous flux		Φ	260	--	280	Lm
Viewing angle at 50% Iv		2θ 1/2	--	120	--	Deg
Reverse current	Vr=20V	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 50W - ADD50W260mA

Driver Image



1. Dimensions :

Length	Width	Height
188mm	24mm	19mm

2. Input & Output Parameters :

Parameter	Min	Normal	Max
Input Voltage (Vac)	110V	220V	240V
Input Power	50W	50W	50W
Power Factor	0.90	0.90	0.90
Output Voltage (Vdc)	170V	170V	170V
Output Current (mA)	260mA	260mA	260mA
Efficiency	92%	92%	92%
Surge	4KV	4KV	4KV

Ordering Information

Model No.	Power	CCT	CBM
AD/L1101-50W-3K	50W	3000K	
AD/L1101-50W		4000K	
AD/L1101-50W-6.5K		6500K	