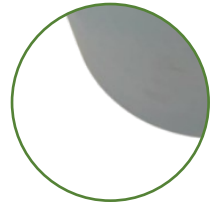
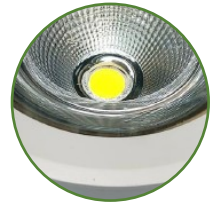


SURFACE MOUNT COB CYLINDRICAL DOWNLIGHT



MODEL: AD/L3000- 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

Surface mount on Wall or Ceiling.

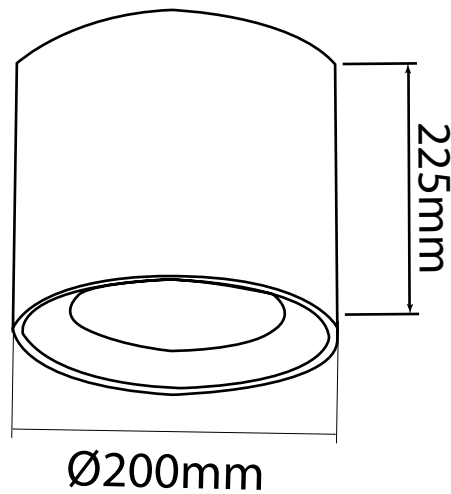
Material

Die-Cast Aluminum

Correlated Color Temperature (CCT)

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

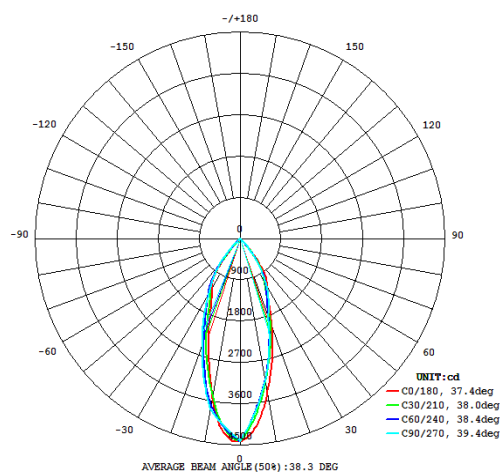
Dimension and Mounting Details



General Specifications

POWER	D(MM)	H(MM)	WEIGHT(KG)	LUMENS
30W	Ø196	196	1.720	2700lm
50W	Ø196	196	1.720	5000lm

Light intensity Distribution



Technical Parameters

	AL ADWAA	
Power	30W	50W
Light Source	COB	
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	Circular
Diffuser Type	Clear Glass
Light Surface Area (cm)	Ø16
Finish	Matt
Life Time (hours)	50,000h
Switching Cycles	15,000 On / OFF

LIGHT CHARACTERSTICS

Rated Luminous Flux	2700lm	5000lm
Color Rendering Index (CRI)	>80	
Displacement Factor	>0.9	
Efficacy	90lm/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

COB 1X30W
COB 1X60W

Features & Benefits

- Extremely wide viewing angle.
- Suitable for all soldering process.
- Low thermal resistance.
- Moisture sensitivity level: Level 5.
- RoHS compliant.



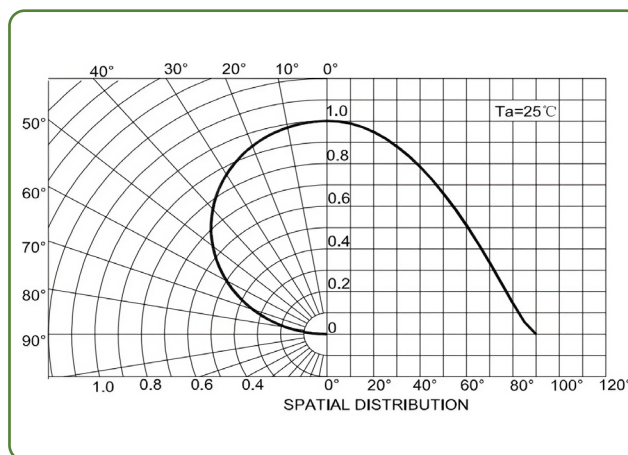
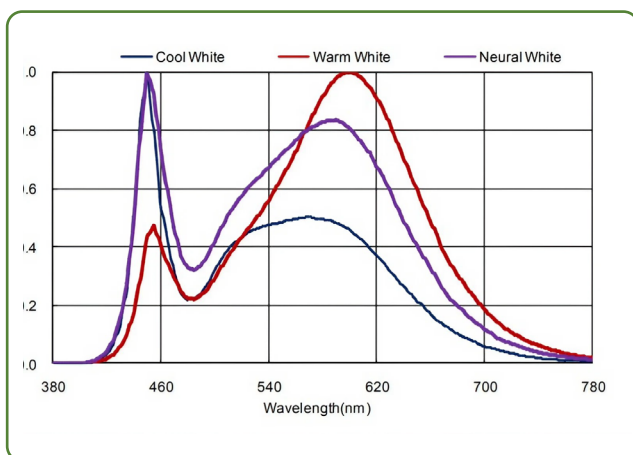
Description

This TYF COB package has high efficacy, high Ra, low power consumption, wide viewing angle and a compact form factor. These features make the package an ideal LED for lighting applications.



Applications

- Indoor general lighting
- Spotlights
- Downlights
- Uplights



1. Photoelectric parameters for 30W:

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS
Limiting power	P	--	30.0	--	W
Forward Voltage	VF	90	--	96	V
Forward Current	IF	--	300	--	mA
Operating Temperature	TC	-20	--	85	°C
Junction Temperature	Tj	--	--	125	°C
Storage Temperature	Tstg	-35	--	85	°C
ESD Sensitivity	ESD	--	--	2000	V
Reverse Voltage	VR	Reverse testing is not allowed			/
Reverse Current	IR			1	μA
Soldering Temperature	Tsld	350°C/3-5sec.			°C/S

2. Photoelectric parameters for 60W:

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS
Limiting power	P	--	60.0	90.0	W
Forward Voltage	VF	34	36	38	V
Forward Current	IF	--	1600	2300	mA
Operating Temperature	TC	-40	--	85	°C
Junction Temperature	Tj	--	--	125	°C
Storage Temperature	Tstg	-40	--	105	°C
ESD Sensitivity	ESD	--	--	2000	V
Reverse Voltage	VR	Reverse testing is not allowed			/
Reverse Current	IR			5	μA
Soldering Temperature	Tsld	350°C/3-5sec.			°C/S

Notes:

1. Luminous flux measurement tolerance: $\pm 5\%$
2. Forward voltage tolerance is $\pm 0.1V$
3. CRI measurement tolerance: ± 2

Driver Data Sheet

Dimensions :

Driver Type	Model No.	Length	Width	Height
LED DRIVER 30W	ADD30W300mA	100mm	36mm	23mm
LED DRIVER 50W	ADD50W1400mA	94mm	36mm	28mm

1. Input & Output Parameters 30W:

Parameter	Min	Normal	Max
Input Voltage (Vac)	110V	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

2. Input & Output Parameters 50W:

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/L3000-30W-3K	30W	3000K	
AD/L3000-30W-4K		4000K	
AD/L3000-30W		6500K	
AD/L3000-50W-3K	50W	3000K	
AD/L3000-50W-4K		4000K	
AD/L3000-50W		6500K	