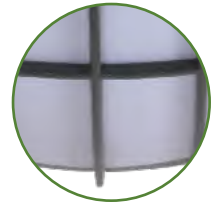
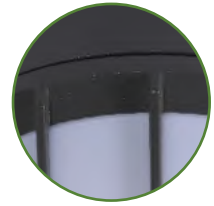


SURFACE MOUNT LED BULKHEAD CIRCULAR LIGHT



MODEL: AD/L9300- W-RO- K

Classification

IP65

Application

Surface mount LED bulkhead circular light, designed for easy installation on walls or ceilings. Offers durable, energy-efficient illumination with a sleek, round design, ideal for both indoor and outdoor use in commercial, residential, and industrial spaces.

Installation

Surface mount installation on walls or ceilings for robust, round illumination.

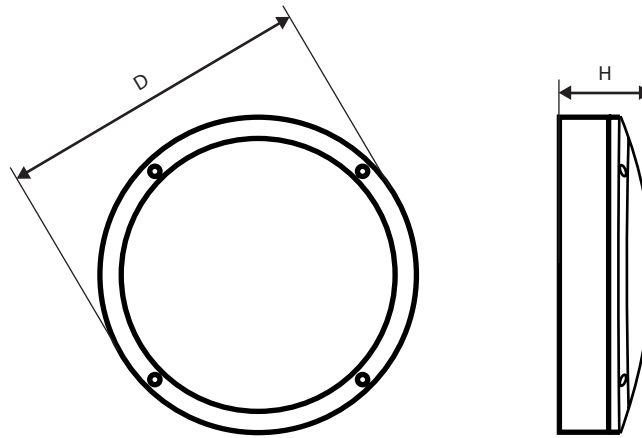
Material

Die-Cast Aluminum

Correlated Color Temperature (CCT)

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

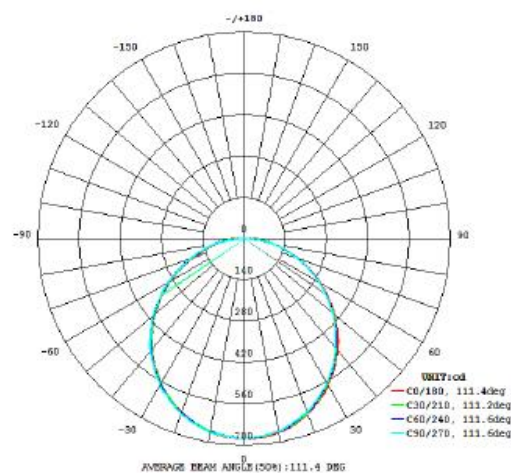
Dimension and Mounting Details



General Specifications

POWER	D(MM)	H(MM)	WEIGHT(KG)	LUMENS
22W	Ø276	77	1.030	1980lm
30W	Ø350	110	1.880	2700lm

Light intensity Distribution



Technical Parameters

	AL ADWAA	
Power	22W	30W
Light Source	SMD Chip	
Color Temperature	3000K/4000K/6500K	
Ingress Protection	IP65	
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)	Ø23.5X7	Ø30X10
Finish	Matt	
Life Time (hours)	30,000h	
Switching Cycles	15,000 On / OFF	

LIGHT CHARACTERSTICS

Rated Luminous Flux	1980lm	2700lm
Color Rendering Index (CRI)	>80	
Displacement Factor	>0.9	
Efficacy	90lm/W	90lm/W
Beam Angle	80°	110°
Lamp Type	In-Direct	
Color Consistency	< 6 Step MacAdam Ellipse	
Non-Dimmable Light	YES	
Lumen Maintenance	>80%	
Starting Time	< 1 Second	

CHIP DATA SHEET

COB 1X7W - TQ0-1311A-0702BA

Features & Benefits

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

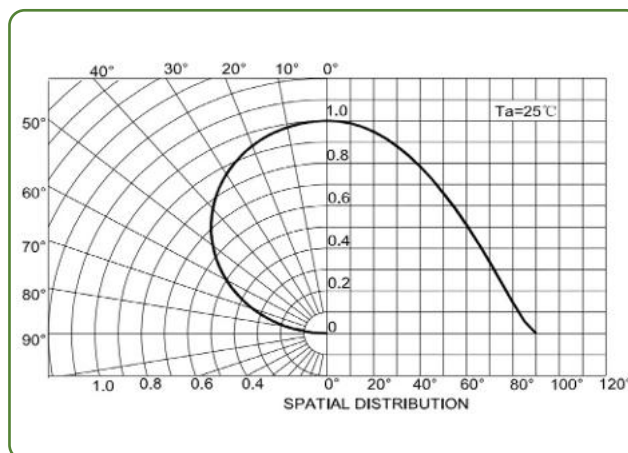
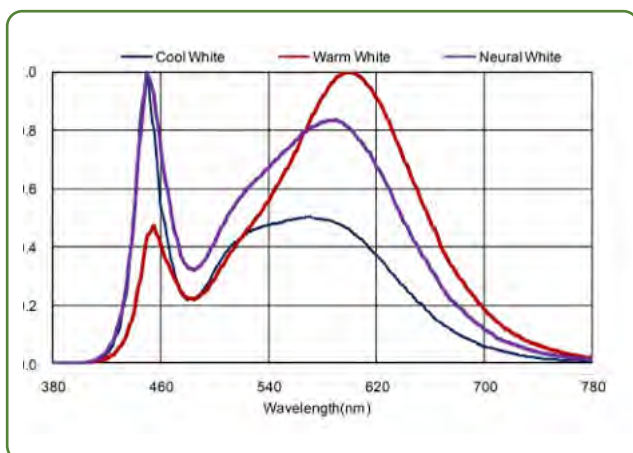


Description

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



Photoelectric parameters

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS
Limiting power	P	--	7.0	10.5	W
Forward Voltage	VF	20	21	22	V
Forward Current	IF	--	320	460	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

Drivers Data Sheet

Dimensions :

Driver Type	Model No.	Length	Width	Height
LED DRIVER 18-22W	ADD22W285mA	100mm	36mm	23mm
LED DRIVER 30W	ADD30W300mA	100mm	36mm	23mm

1. 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

2. 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/L9300-22W-RO-3K	22W	3000K	
AD/L9300-22W-RO-4K		4000K	
AD/L9300-22W-RO		6500K	
AD/L9300-30W-RO-3K	30W	3000K	
AD/L9300-30W-RO-4K		4000K	
AD/L9300-30W-RO		6500K	