

LED Down Light COB 12-40W

أوبتيمال لايت
Optimal Light



ANTI GLARE

100-277 V

PF: >0.9

CRI>90

50,000 HRS.

CITIZEN

LED COB DOWN LIGHT

ANTI-GLARE

WATTS: 12 W 20 W 30 W 40 W

OPTIONS



0-10 Volt

EMERGENCY

POWER SUPPLY

REFLECTORS



BLACK

SILVER



Common out-size for
an easy switch from
conventional halogen spotlights.



Up to
85%
Energy saving



High quality PMMA LGP
Not turn yellowish for long
time



Day light (6500K)
Cozy cool white light (4000K)
Warm white light (3000K)
for wider options, with good
color rendering (CRI>80)



Long life LED driver
included. Passing EMC & CB
Power Factor: >0.5
220-240V 50/60Hz
Lamp displacement factor: > 0.9



Durable aluminum
housing



No harmful UV
irradiation



Durable, lifespan
More than 30,000 hour
Service life 5-10 times
than Filament Lamp

Product information

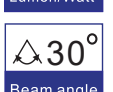
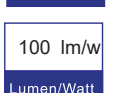
Optimal Light COB downlight is uniquely designed with reflector and Citizen COB high power LED chip. The die-casting aluminium profile provides excellent thermal dissipation. Anti glare feature help to have a healthy and comfortable lighting experience. Isolated driver solution from 100 -277 Volt.

Features & Benefits

1. Light transmission rate more than 85%. Anti glare design. No glare. Beautiful appearance. Light diffuse evenly. No spots.
2. Using high efficiency led chip 99.99% golden wire welding and using high index silica gel for encapsulation. Light efficiency reached 71.7 LM per watt. With 30000 hours of lifespan.
3. The lamp body is made of die-casting aluminum. Integrated radiator that enhance the heat dissipation performance. Beautiful appearance. Never rusts.
4. Unique design for the buckle.
5. Independent design of drive. Using fire-resistant material. Fire rating to 94-V0.
6. No stroboscopic LED driver. Passing high voltage test. overcurrent and overtemperature protection. Passed EMC test. Lifespan up to 30000 hours. Power factor up to 0.5, High conversion rate reached 90%, passed CE, CB, SASO, IECCE Certification.



3000 Kelvin 4000 Kelvin 6500 Kelvin



Application areas



Residential



Retail



Art-galleries



Education



Hospitality



Offices, Banks

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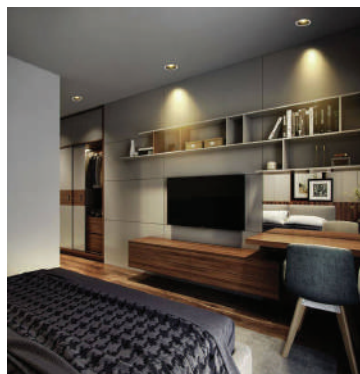
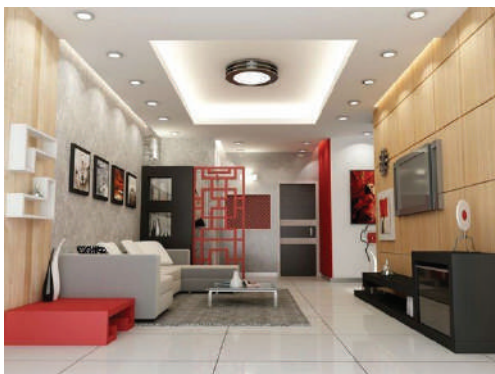
LED COB DOWN LIGHT

DESCRIPTION	WATT	CCT	CRI	PF	Lumen	Voltage	Size	Cut Size	Hrs.	CLASS
OPTCS/CK033	12 W	3000K	>90	0.9	1080	100-277	95*78	75mm	50,000	Class II
OPTCS/CK034	12 W	4000K	>90	0.9	1080	100-277	95*78	75mm	50,000	Class II
OPTCS/CK036	12 W	6500K	>90	0.9	1080	100-277	95*78	75mm	50,000	Class II
OPTCS/CK043	20 W	3000K	>80	0.9	2000	100-277	120*98	95mm	50,000	Class II
OPTCS/CK044	20 W	4000K	>80	0.9	2000	100-277	120*98	95mm	50,000	Class II
OPTCS/CK046	20 W	6500K	>80	0.9	2000	100-277	120*98	95mm	50,000	Class II
OPTCS/CK063	30 W	3000K	>80	0.9	3000	100-277	170*125	140mm	50,000	Class II
OPTCS/CK064	30 W	4000K	>80	0.9	3000	100-277	170*125	140mm	50,000	Class II
OPTCS/CK066	30 W	6500K	>80	0.9	3000	100-277	170*125	140mm	50,000	Class II
OPTCS/CK083	40 W	3000K	>80	0.9	4000	100-277	230*144	195mm	50,000	Class II
OPTCS/CK084	40 W	4000K	>80	0.9	4000	100-277	230*144	195mm	50,000	Class II
OPTCS/CK086	40 W	6500K	>80	0.9	4000	100-277	230*144	195mm	50,000	Class II

PRODUCT CODES : OPT CS - SILVER REFLECTOR AND CK BLACK REFLECTOR

NB: Input Voltage can be 100-277 AC , But 220-240 will be displayed on Product

12 Watt 3"	20 Watt 4"	30 Watt 6"	40 Watt 8"

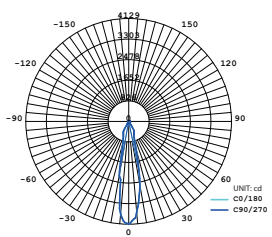


LED Down Light COB 12-40W

LED COB DOWN LIGHT

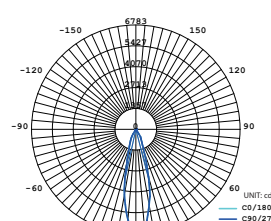
IES

12W



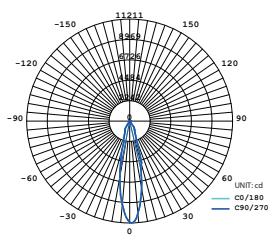
Height	AVR E	CENTER E	Diameter
1.50m	1287.69lx	1835.24lx	55.00cm
2.00m	724.32lx	1032.32lx	78.67cm
4.00m	181.08lx	258.08lx	157.34cm
4.50m	143.08lx	203.92lx	177.61cm
6.00m	80.48lx	114.70lx	236.61cm

20W



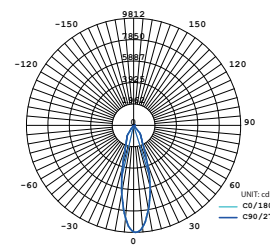
Height	AVR E	CENTER E	Diameter
1.50m	2096.17lx	2998.18lx	71.96cm
2.00m	1179.10lx	1686.47lx	95.97cm
4.00m	294.77lx	421.62lx	191.95cm
4.50m	239.91lx	339.13lx	215.94cm
6.00m	131.01lx	187.39lx	287.92cm

30W



Height	AVR E	CENTER E	Diameter
1.50m	3464.19lx	4942.44lx	63.23cm
2.00m	1949.61lx	2740.13lx	84.31cm
4.00m	487.19lx	695.03lx	168.61cm
4.50m	394.91lx	549.16lx	189.69cm
6.00m	216.51lx	308.90lx	253.92cm

40W



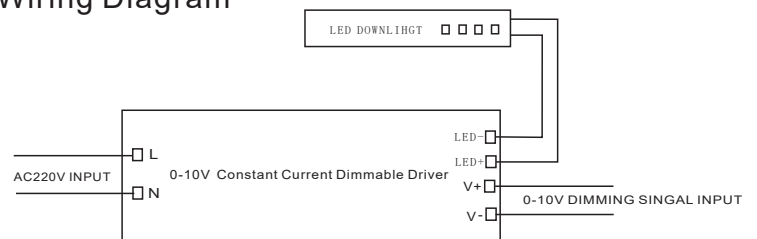
Height	AVR E	CENTER E	Diameter
1.50m	2920.72lx	4339.11lx	61.41cm
2.00m	1642.91lx	2440.78lx	108.59cm
4.00m	410.73lx	610.19lx	217.09cm
4.50m	324.52lx	482.12lx	244.23cm
6.00m	182.55lx	271.19lx	325.64cm

OPTIONS 0-10 VOLT DIMMING

DALI DIMMING

3 HOURS EMERGENCY

Wiring Diagram



Warm White



Cool White



Daylight

