COB High Power LED Street Light

Product Features:

1. Provides an illuminance of 100lm/cm² and a light efficiency of 200lm/kg.

2. Offers outstanding light efficiency with a whole lamp efficiency of 140-150lm/W, making it a suitable replacement for standard LED floodlights of 1500W in the market while providing the same illuminance level.

3. Boasts an extra-long lifespan with a 5-year warranty.

4. Utilizes COB light sources, resulting in over 60% energy savings compared to traditional fixtures at the same illuminance.Demonstrates ultra-low light decay, with a luminous flux maintenance rate of over 90% within 5 years.

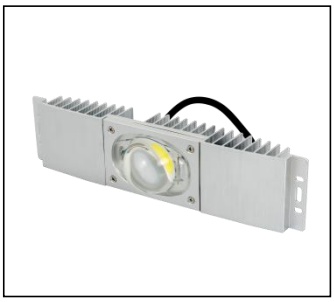
5. Demonstrates ultra-low light decay, with a luminous flux maintenance rate of over 95% within 5 years.

6.Incorporates high borosilicate glass lens material to ensure long-term usage without yellowing.Provides superior protection with professional waterproof connectors and a special sealing structure, achieving an IP67 waterproof and dustproof rating. It is suitable for high-temperature, high-humidity, high-dust, and other challenging environments.

COB High Power LED Street Light

COB HIGH POWER LED STREET LIGHT 50W

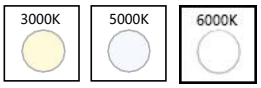
ADHESION®



Specifications

Power: 50W
Material: Aluminum
Optical Accessories: Lens
Driver: Built-in
Input Voltage: 100-277V ~ 50/60Hz
Power Factor: ≥ 0.9
Operating Temperature: -40°C~+55°C, -40°F~+131°F
LED Lifetime: ≥ 85,000hrs
Driver Lifetime:≥50,000hrs
Warranty: 5 years

Color Temperature

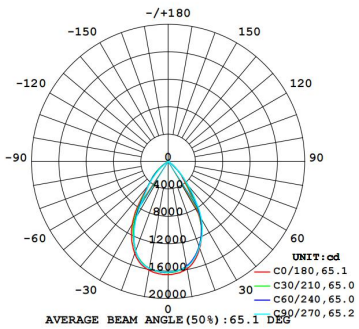


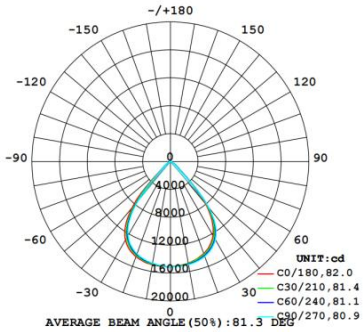
Beam Angle

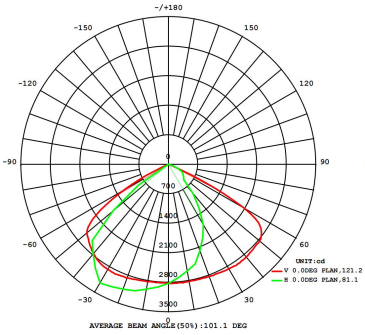
CE IP67 LM80

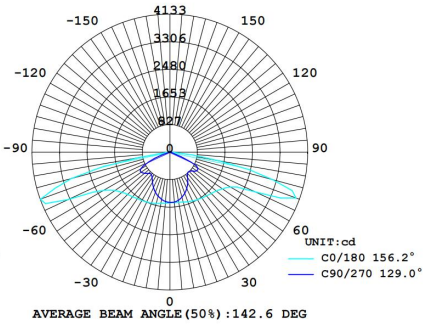
Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Driver	Warranty
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)		(Years)
AD-LD0250W	50W	7000	140	2700K-6500K	≥80	60	With	5 Years
AD-LD0250W	50W	7000	140	2700K-6500K	≥80	90	With	5 Years
AD-LD0250W	50W	7000	140	2700K-6500K	≥80	80X120	With	5 Years

Light Distribution Curve

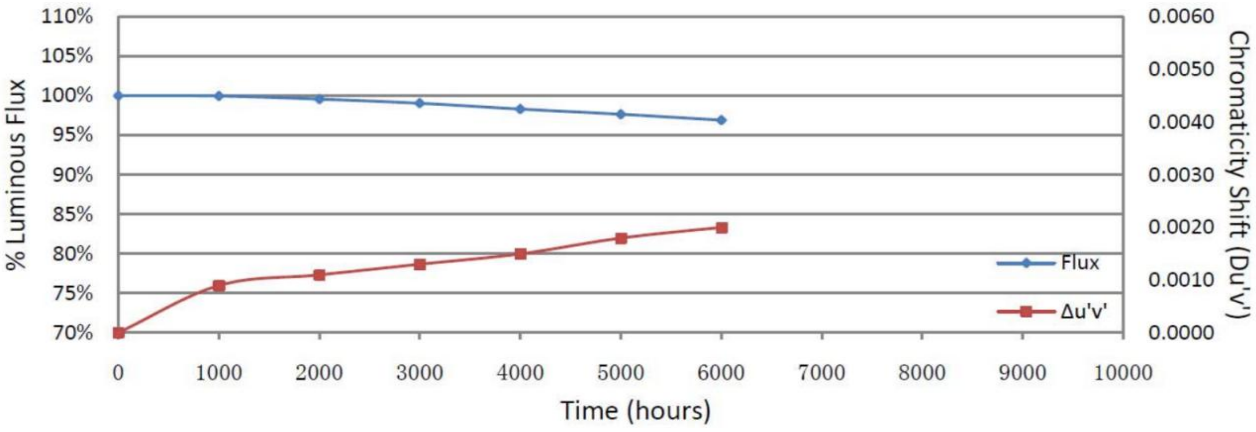








The Environmental Temperature is 25℃, and Natural Convection is Occurring.



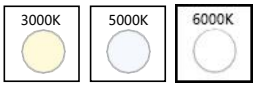
COB High Power LED Street Light

COB HIGH POWER LED STREET LIGHT 100W

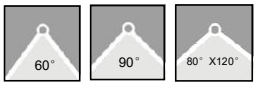
Specifications

Power: 100W
Material: Aluminum
Optical Accessories: Lens
Driver: Built-in
Input Voltage: 100-277V ~ 50/60Hz
Power Factor: ≥ 0.9
Operating Temperature:-40°C~+55°C-40°F~+131°F
LED Lifetime: ≥ 85,000hrs
Driver Lifetime:≥ 50,000hrs
Warranty: 5 years

Color Temperature



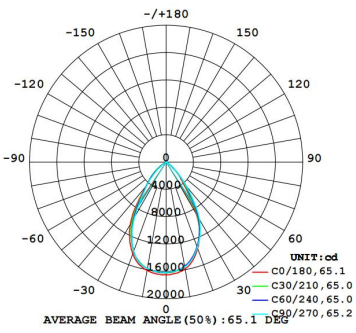
Beam Angle

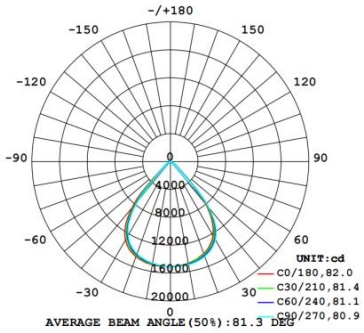


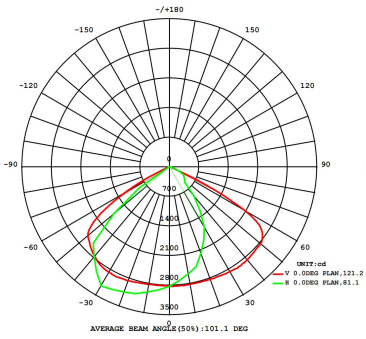
CE IP67 LM80

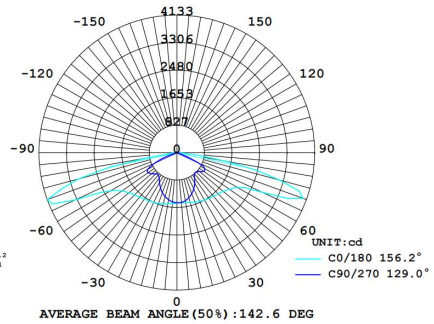
Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Driver	Warranty
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)		(Years)
AD-LD02100W	100W	14000	140	2700K-6500K	≥80	60	With	5 Years
AD-LD02100W	100W	14000	140	2700K-6500K	≥80	90	With	5 Years
AD-LD02100W	100W	14000	140	2700K-6500K	≥80	80X120	With	5 Years

Light Distribution Curve

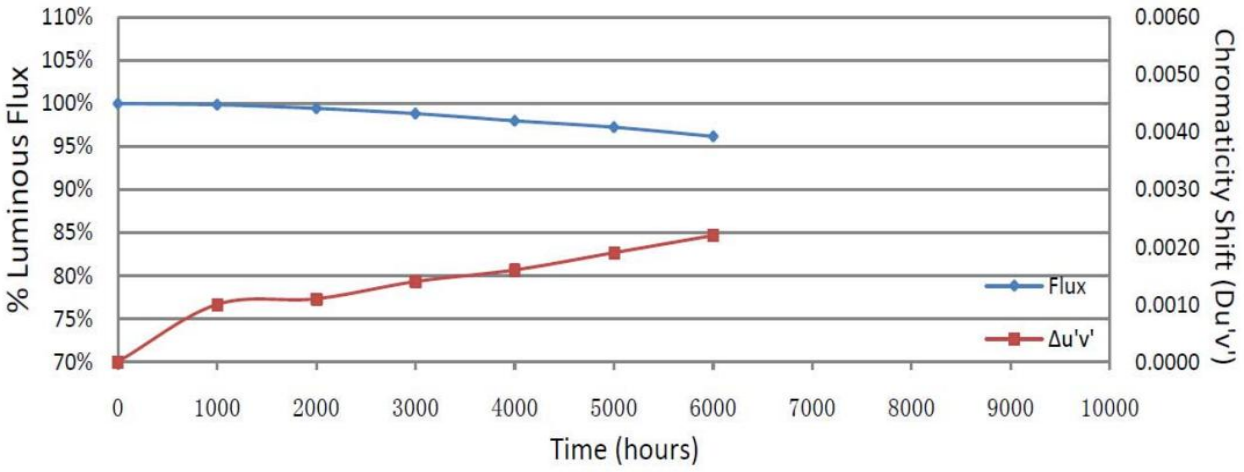








The Environmental Temperature is 25℃, and Natural Convection is Occurring.



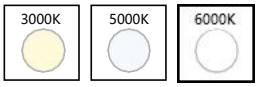
COB High Power LED Street Light

COB HIGH POWER LED STREET LIGHT 150W

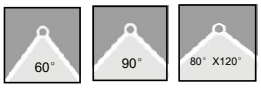
Specifications

Power: 150W
Material: Aluminum
Optical Accessories: Lens
Driver: Built-in
Input Voltage: 100-277V ~ 50/60Hz
Power Factor: ≥ 0.9
Operating Temperature: -40°C~+55°C, -40°F~+131°F
LED Lifetime: ≥ 85,000hrs
Driver Lifetime:≥ 50,000hrs
Warranty: 5 years

Color Temperature



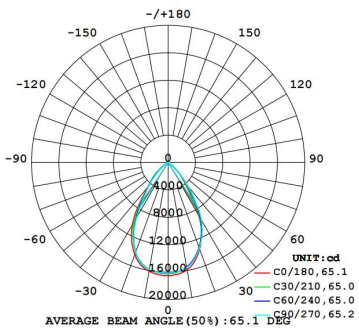
Beam Angle

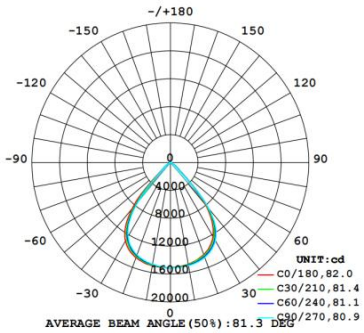


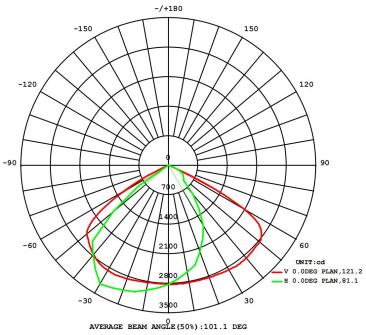
CE IP67 LM80

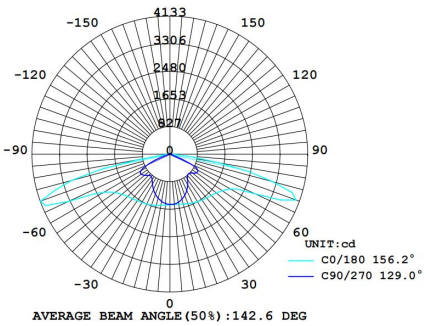
Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle (°)	Driver	Warranty (Years)
AD-LD02150W	150W	19500	130	2700K-6500K	≥80	60	With	5 Years
AD-LD02150W	150W	19500	130	2700K-6500K	≥80	90	With	5 Years
AD-LD02150W	150W	19500	130	2700K-6500K	≥80	80X120	With	5 Years

Light Distribution Curve

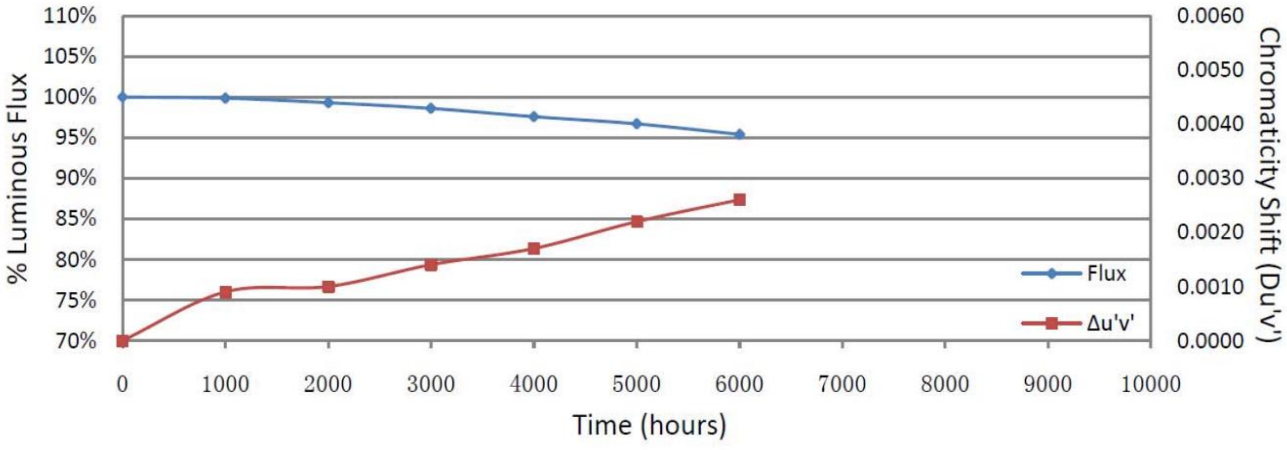








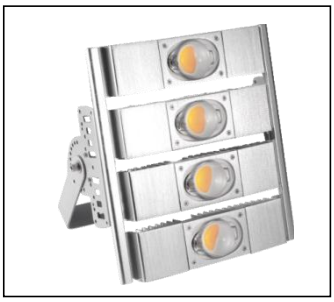
The Environmental Temperature is 25℃, and Natural Convection is Occurring.



COB High Power LED Street Light

COB HIGH POWER LED FLODD LIGHT 200W

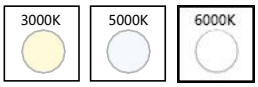
ADHESION®



Specifications

Power: 200W
Material: Aluminum
Optical Accessories: Lens
Driver: Built-in
Input Voltage: 100-277V ~ 50/60Hz
Power Factor: ≥ 0.9
Operating Temperature: -40°C~+55°C, -°F~+131°F
LED Lifetime: ≥ 85,000hrs
Driver Lifetime:≥ 50,000hrs
Warranty: 5 years

Color Temperature

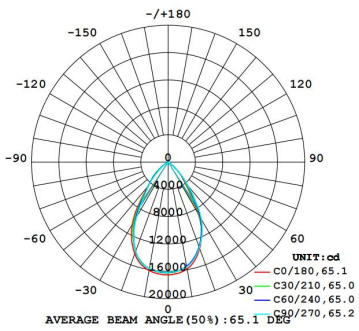


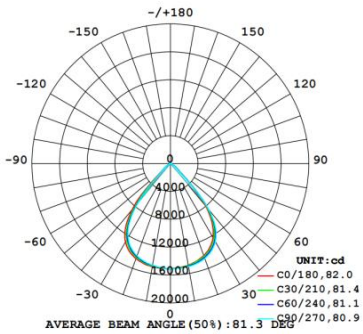
Beam Angle

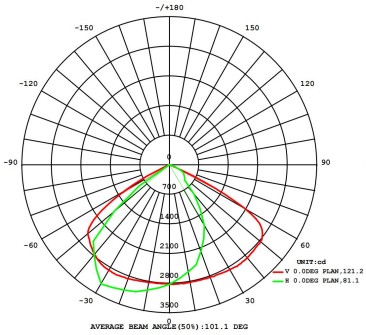
CE IP67 LM80

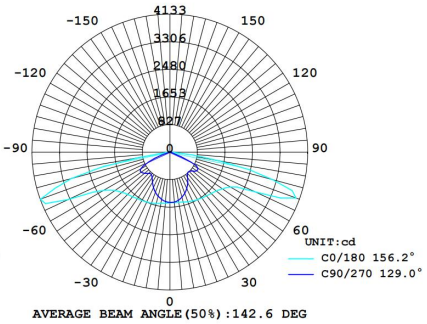
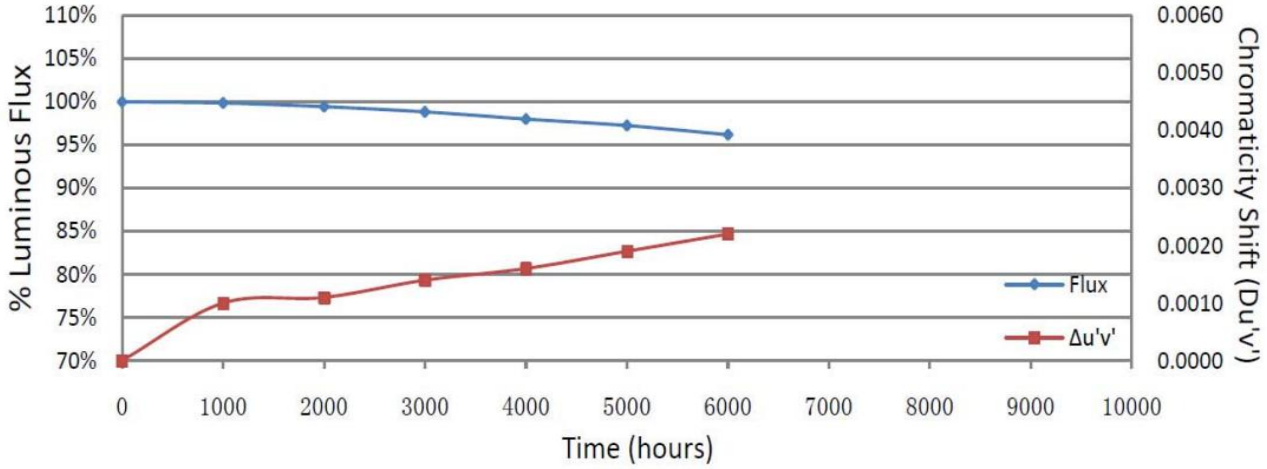
Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Driver	Warranty
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)		(Years)
AD-LD02200W	200W	26000	130	2700K-6500K	≥80	60	With	5 Years
AD-LD02200W	200W	26000	130	2700K-6500K	≥80	90	With	5 Years
AD-LD02200W	200W	26000	130	2700K-6500K	≥80	80X120	With	5 Years

Light Distribution Curve









The Environmental Temperature is 25℃, and Natural Convection is Occurring.