

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

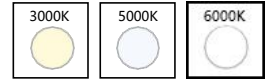
COB HIGH POWER LED STREET LIGHT 50W



Specifications

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

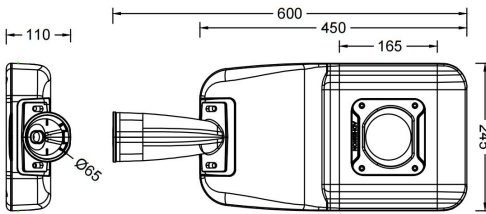
Color Temperature



Beam Angle

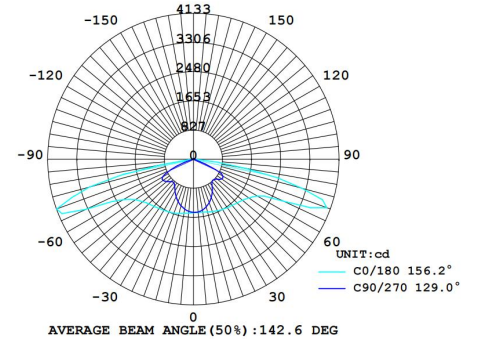
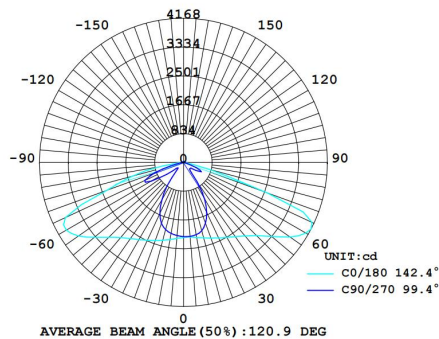
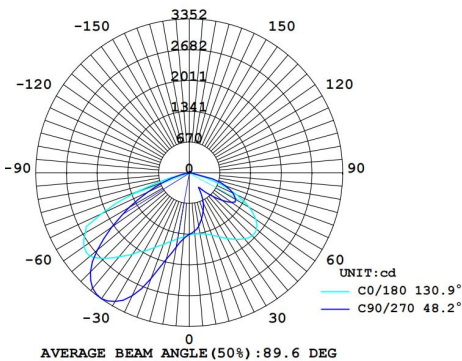


CE IP67 LM80

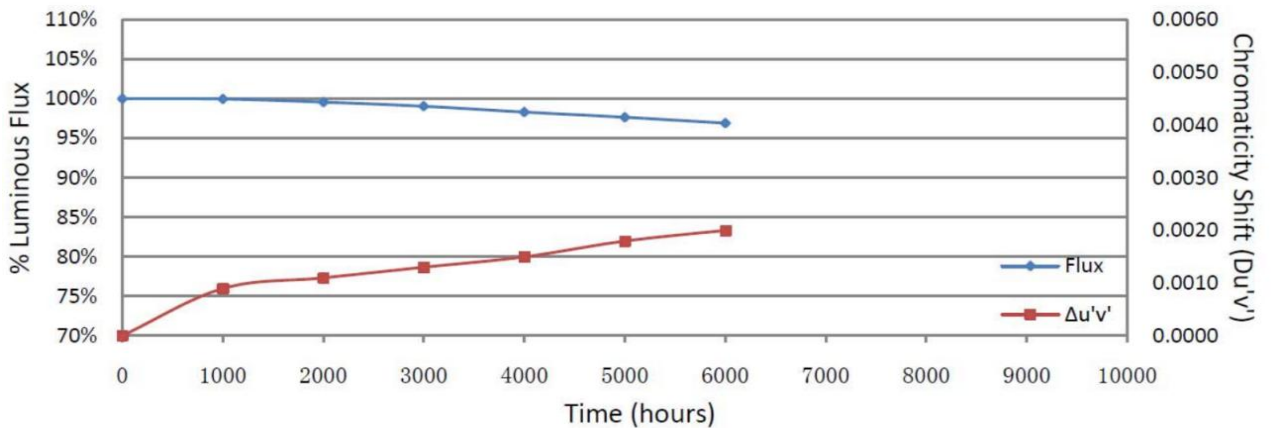


Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	PF	Driver	Warranty (Years)
AD-LD0150W	50W	7000	140-180	2700K-6500K	≥ 80	≥ 0.9	With	5 Years
AD-LD0150W	50W	7000	140-180	2700K-6500K	≥ 80	≥ 0.9	With	5 Years
AD-LD0150W	50W	7000	140-180	2700K-6500K	≥ 80	≥ 0.9	With	5 Years

Light Distribution Curve



The Environmental Temperature is 25°C, and Natural Convection is Occurring.



COB High Power LED Street Light

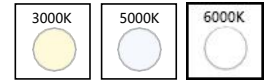
COB HIGH POWER LED FLODD LIGHT 100W



Specifications

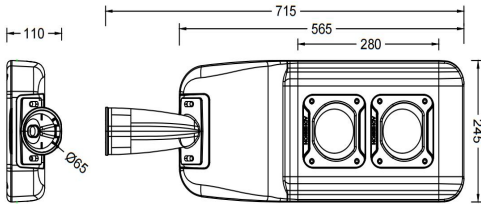
Power: 100W
 Material: Aluminum
 Optical Accessories: Lens
 Driver: Built-in
 Input Voltage: 100-277V ~ 50/60Hz
 Power Factor: ≥ 0.9
 Operating Temperature: $-40^{\circ}\text{C} \sim +55^{\circ}\text{C}$ / $-40^{\circ}\text{F} \sim +131^{\circ}\text{F}$
 LED Lifetime: $\geq 85,000$ hrs
 Driver Lifetime: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

Color Temperature

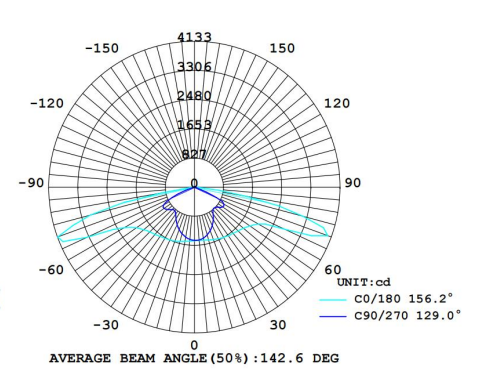
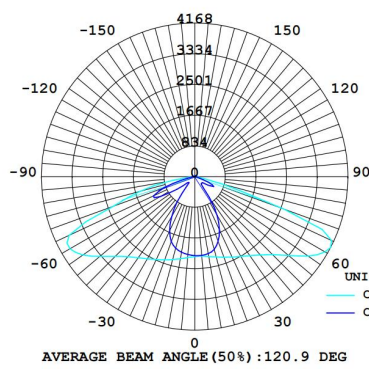
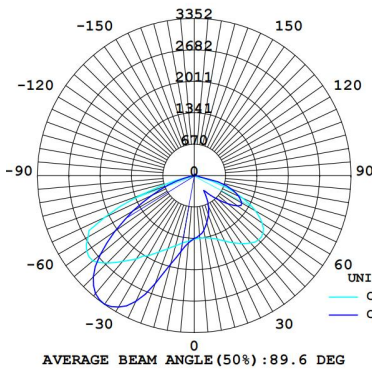


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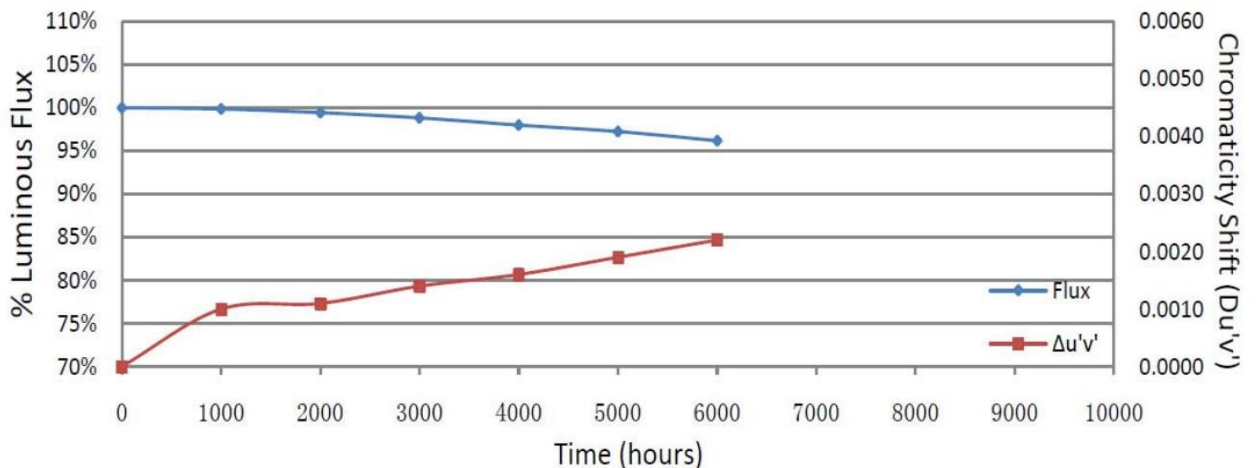
Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	PF	Driver	Warranty
	(W)	(lm)	(lm/W)	(K)	(Ra)			(Years)
AD-LD01100W	100W	14000	140-180	2700K-6500K	≥ 80	≥ 0.9	With	5 Years
AD-LD01100W	100W	14000	140-180	2700K-6500K	≥ 80	≥ 0.9	With	5 Years
AD-LD01100W	100W	14000	140-180	2700K-6500K	≥ 80	≥ 0.9	With	5 Years



Light Distribution Curve



The Environmental Temperature is 25°C, and Natural Convection is Occurring.



COB High Power LED Street Light

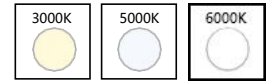
COB HIGH POWER LED FLODD LIGHT 150W



Specifications

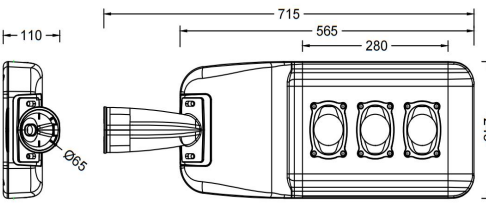
Power: 150W
 Material: Aluminum
 Optical Accessories: Lens
 Driver: Built-in
 Input Voltage: 100-277V ~ 50/60Hz
 Power Factor: ≥ 0.9
 Operating Temperature: $-40^{\circ}\text{C} \sim +55^{\circ}\text{C}$, $-^{\circ}\text{F} \sim +131^{\circ}\text{F}$
 LED Lifetime: $\geq 85,000$ hrs
 Driver Lifetime: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

Color Temperature

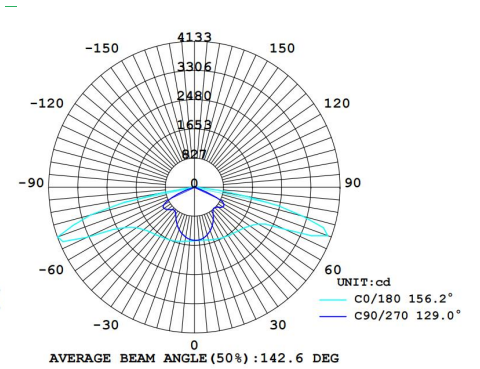
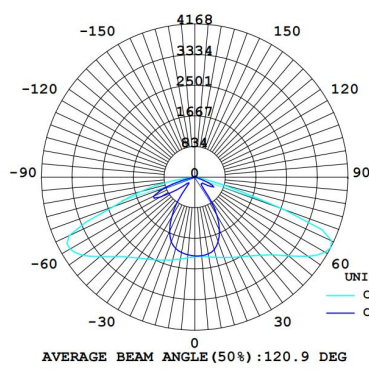
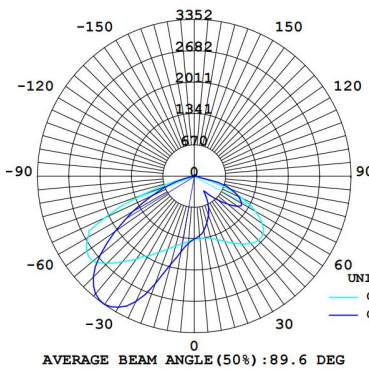


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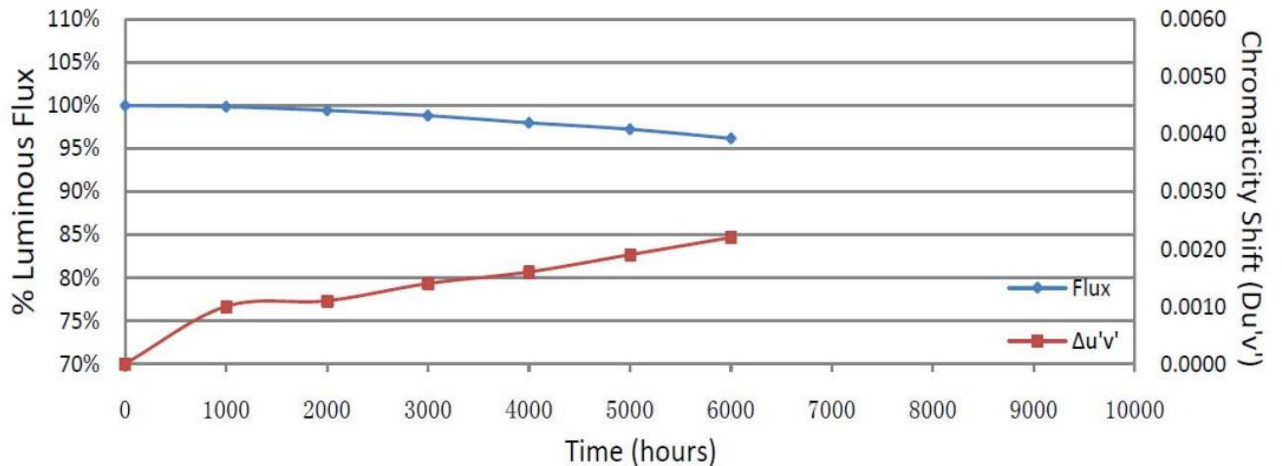
Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	PF	Driver	Warranty
	(W)	(lm)	(lm/W)	(K)	(Ra)			(Years)
AD-LD01150W	150W	19500	140-180	2700K-6500K	≥ 80	≥ 0.9	With	5 Years
AD-LD01150W	150W	19500	140-180	2700K-6500K	≥ 80	≥ 0.9	With	5 Years
AD-LD01150W	150W	19500	140-180	2700K-6500K	≥ 80	≥ 0.9	With	5 Years



Light Distribution Curve



The Environmental Temperature is 25°C, and Natural Convection is Occurring.



COB High Power LED Street Light

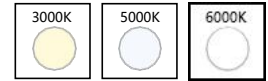
COB HIGH POWER LED FLODD LIGHT 200W



Specifications

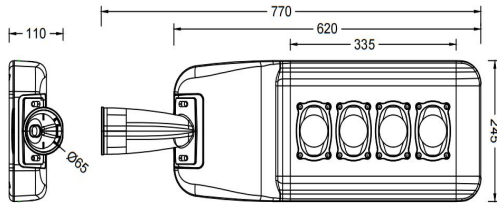
Power: 200W
 Material: Aluminum
 Optical Accessories: Lens
 Driver: Built-in
 Input Voltage: 100-277V ~ 50/60Hz
 Power Factor: ≥ 0.9
 Operating Temperature: $-40^{\circ}\text{C} \sim +55^{\circ}\text{C}$, $-40^{\circ}\text{F} \sim +131^{\circ}\text{F}$
 LED Lifetime: $\geq 85,000$ hrs
 Driver Lifetime: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

Color Temperature

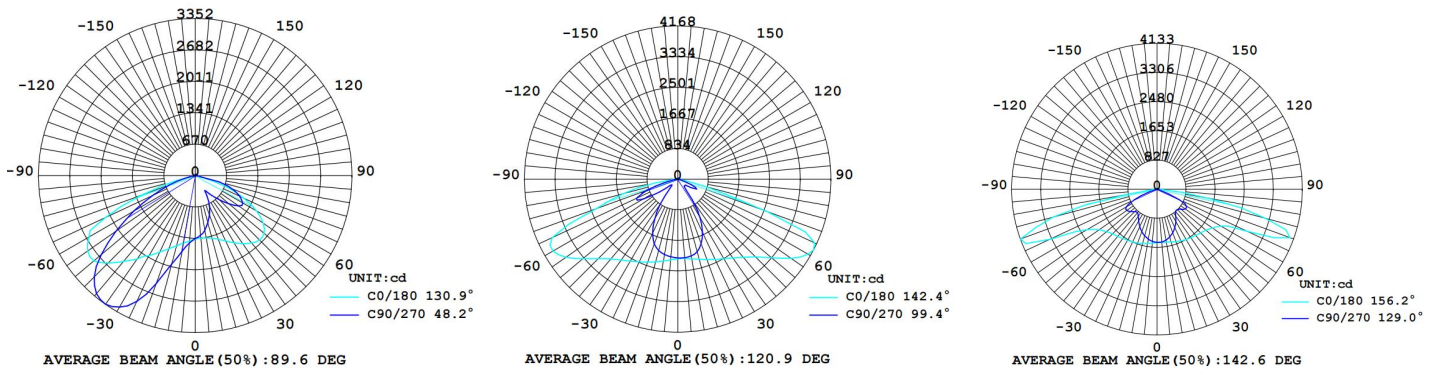


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Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	PF	Driver	Warranty (Years)
AD-LD01200W	200W	26000	140-180	2700K-6500K	≥ 80	≥ 0.9	With	5 Years
AD-LD01200W	200W	26000	130	2700K-6500K	≥ 80	≥ 0.9	With	5 Years
AD-LD01200W	200W	26000	130	2700K-6500K	≥ 80	≥ 0.9	With	5 Years



Light Distribution Curve



The Environmental Temperature is 25°C, and Natural Convection is Occurring.

