

COB High Power Surface Mounted LED Down Light

50W-150W COB
High Power
Round Surface
Mounted LED
Down Light



Product Features:

1. High brightness and maintained high luminous flux, with exceptional light control capability.
2. Precise light distribution, glare prevention,
3. Low light decay, and ultra-high reliability.
4. Extra-long lifespan (5-year warranty) COB light source, more than 60% energy-saving compared to traditional fixtures at the same illuminance Ultra-low light decay (luminous flux maintenance rate above 90% within 5 years)
5. Superb protection (professional waterproof connectors and special sealing structure, IP67 waterproof and dustproof, suitable for high-temperature, high-humidity, high-dust, and other special areas)
6. Adopts high borosilicate glass lens material to ensure long-term usage without yellowing.

COB High Power Surface Mounted LED Down Light

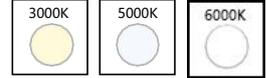
COB HIGH POWER SURFACE MOUNTED LED DOWN LIGHT 50W



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

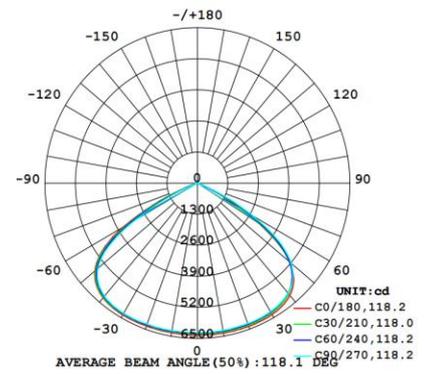
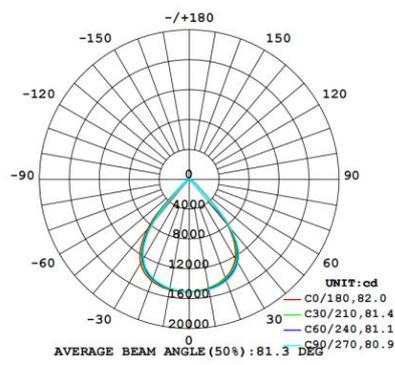
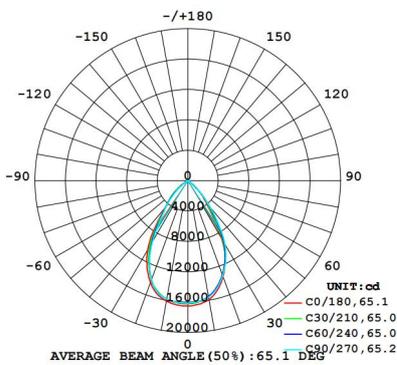


CE IP65 LM80

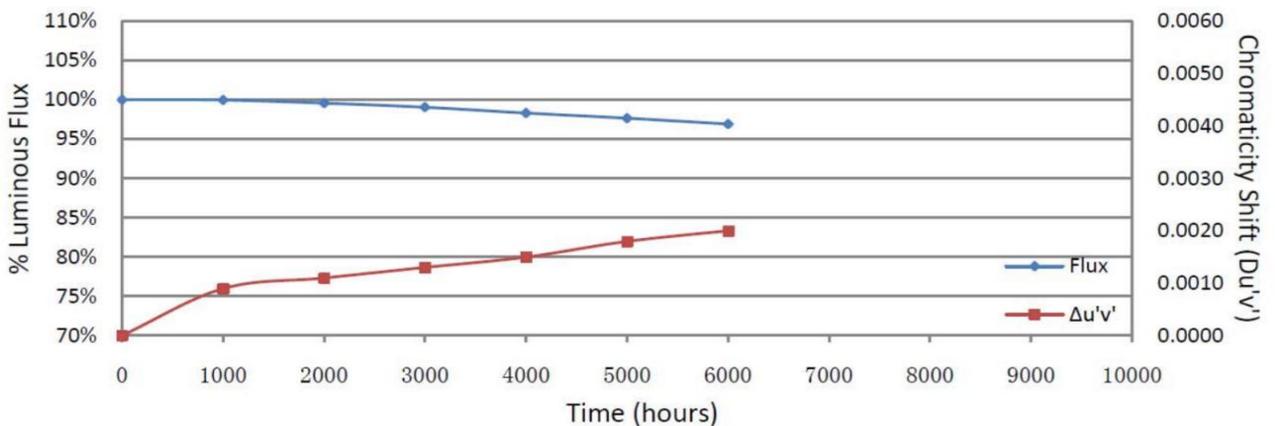


Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle (°)	Driver	Warranty (Years)
AD-TD0250W	50W	7000	140	2700K-6500K	≥ 80	60	With	5 Years
AD-TD0250W	50W	7000	140	2700K-6500K	≥ 80	90	With	5 Years
AD-TD0250W	50W	7000	140	2700K-6500K	≥ 80	120	With	5 Years

Light Distribution Curve



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



COB High Power Surface Mounted LED Down Light

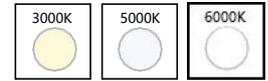
COB HIGH POWER SURFACE MOUNTED LED DOWN LIGHT 100W **ADHESION[®]**



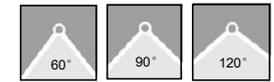
Specifications

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: $\geq 85,000\text{hrs}$
 Driver Lifetime: $\geq 50,000\text{hrs}$
 Warranty: 5 years

Color Temperature



Beam Angle

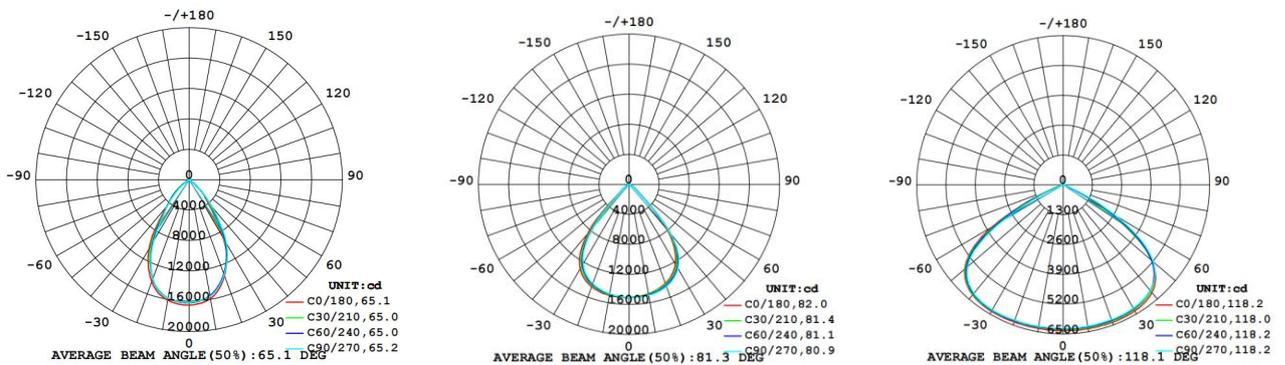


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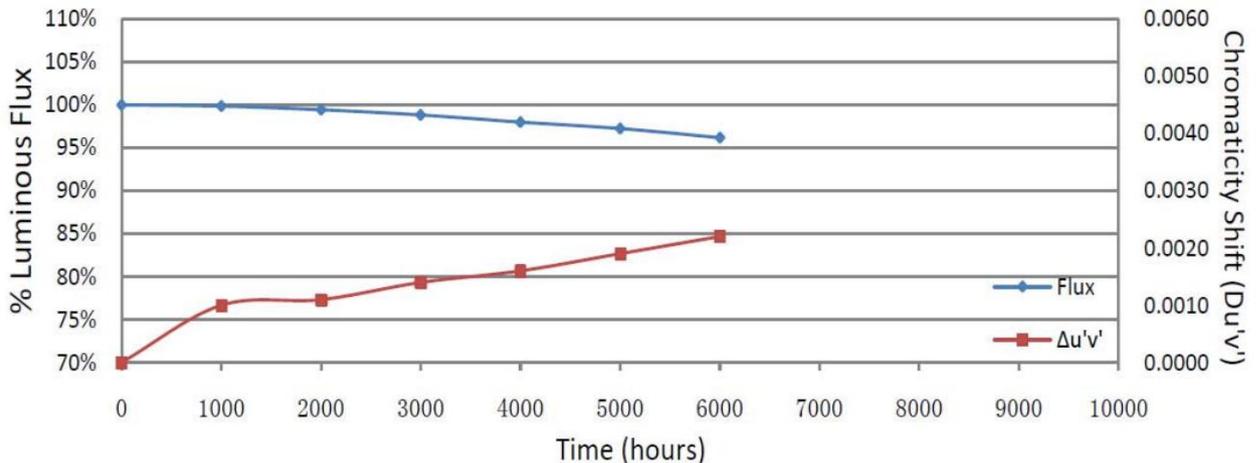


Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Driver	Warranty
	(W)	(lm)	(lm/W)	(K)	(Ra)	($^{\circ}$)		(Years)
AD-TD02100W	100W	14000	140	2700K-6500K	≥ 80	60	With	5 Years
AD-TD02100W	100W	14000	140	2700K-6500K	≥ 80	90	With	5 Years
AD-TD02100W	100W	14000	140	2700K-6500K	≥ 80	120	With	5 Years

Light Distribution Curve



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



COB High Power Surface Mounted LED Down Light

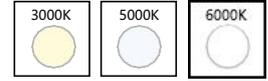
COB HIGH POWER SURFACE MOUNTED LED DOWN LIGHT 150W **ADHESION[®]**



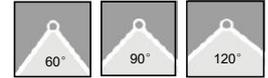
Specifications

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

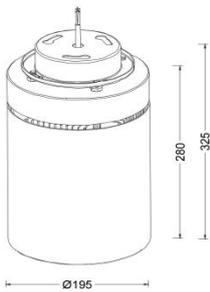
Color Temperature



Beam Angle

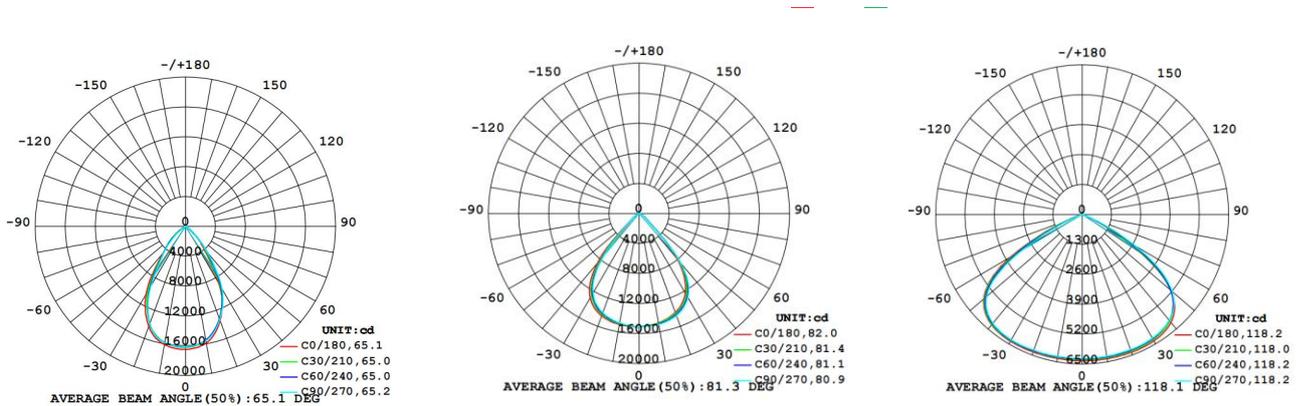


CE IP65 LM80



Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle (°)	Driver	Warranty (Years)
AD-TD02150W	150W	21000	140	2700K-6500K	≥ 80	60	With	5 Years
AD-TD02150W	150W	21000	140	2700K-6500K	≥ 80	90	With	5 Years
AD-TD02150W	150W	21000	140	2700K-6500K	≥ 80	120	With	5 Years

Light Distribution Curve



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

