

COB High Power LED Flood Light



Product Features:

1. Compact size, lightweight, low wind resistance, high brightness, and exceptional light control capabilities.
2. Provides an illuminance of 100lm/cm² and a light efficiency of 200lm/kg.
3. 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.
4. Boasts an extra-long lifespan with a 5-year warranty.
5. 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.
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 Flood Light

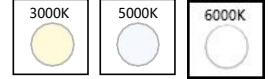
COB HIGH POWER LED FLOOD LIGHT 50W



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

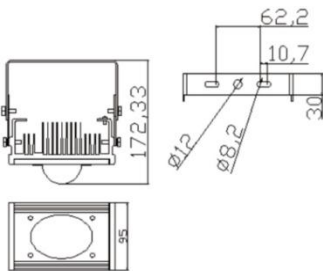
Color Temperature



Beam Angle

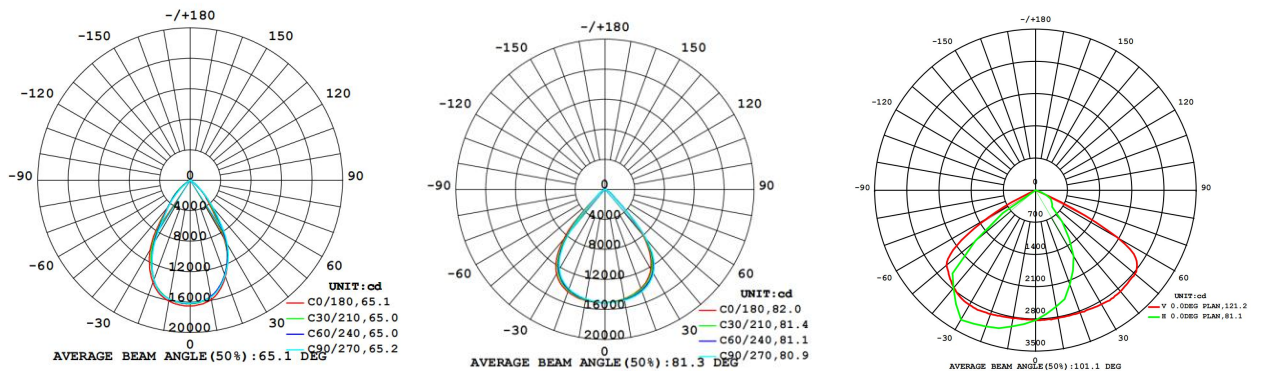


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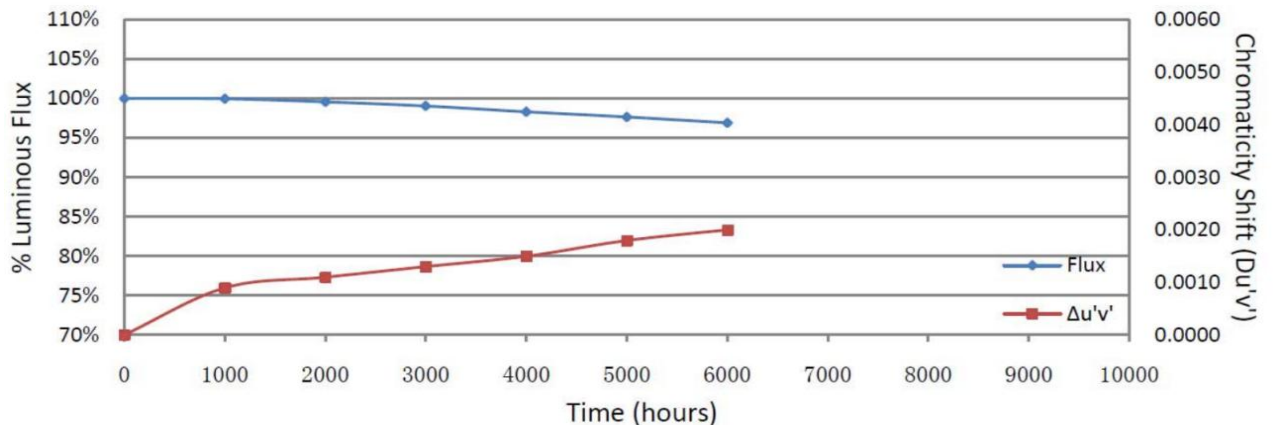


Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle (°)	Driver	Warranty (Years)
AD-TG0450W	50W	7000	140	2700K-6500K	≥ 80	60	With	5 Years
AD-TD0450W	50W	7000	140	2700K-6500K	≥ 80	90	With	5 Years
AD-TD0450W	50W	7000	140	2700K-6500K	≥ 80	80x120	With	5 Years

Light Distribution Curve

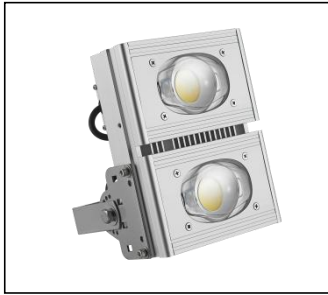


The Environmental Temperature is 25°C, and Natural Convection is Occurring.



COB High Power LED Flood Light

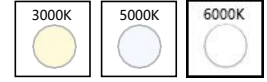
COB HIGH POWER LED FLOOD LIGHT 100W



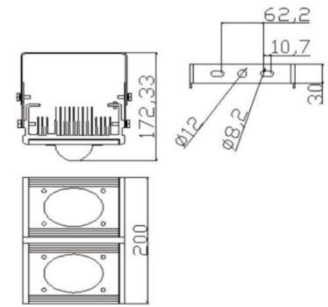
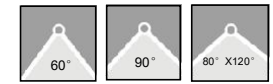
Specifications

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

Color Temperature



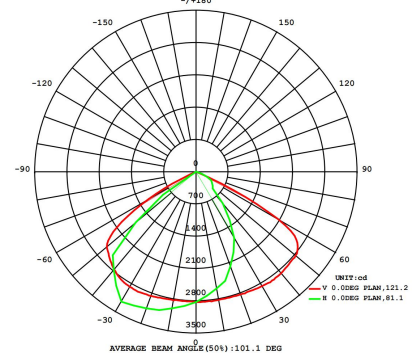
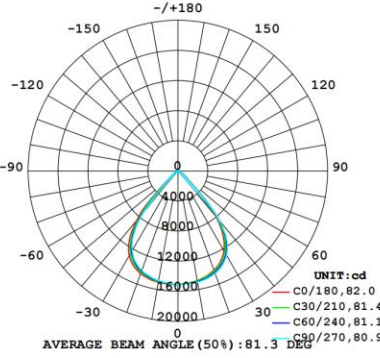
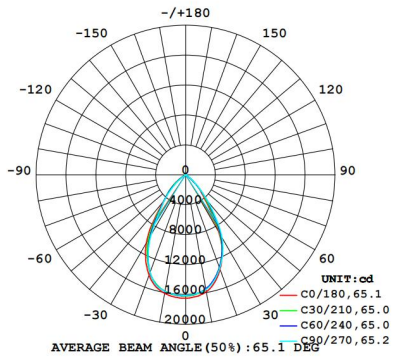
Beam Angle



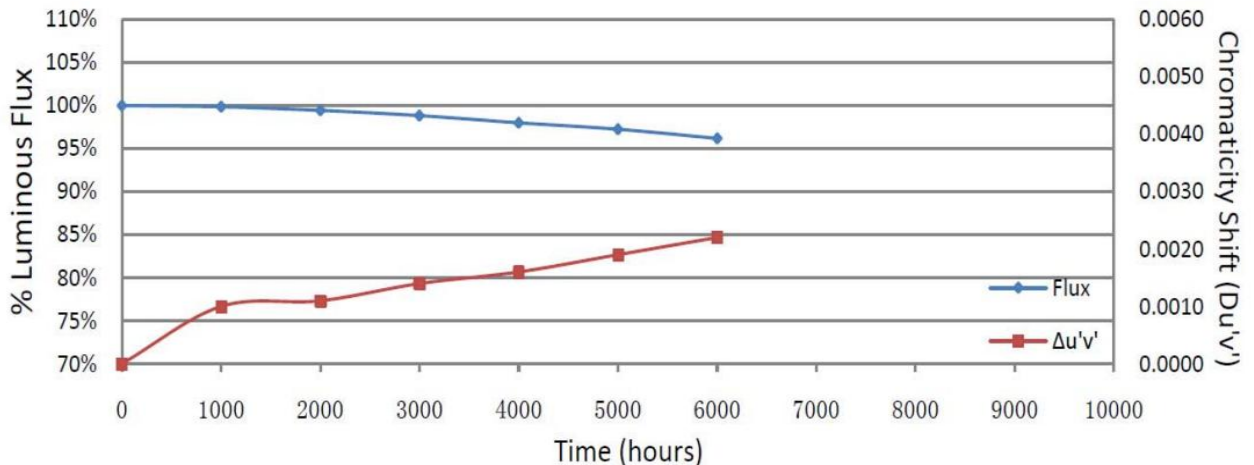
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Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle (°)	Driver	Warranty (Years)
AD-TG04100W	100W	14000	140	2700K-6500K	≥ 80	60	With	5 Years
AD-TG04100W	100W	14000	140	2700K-6500K	≥ 80	90	With	5 Years
AD-TG04100W	100W	14000	140	2700K-6500K	≥ 80	80° X 120°	With	5 Years

Light Distribution Curve



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



COB High Power LED Flood Light

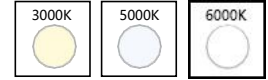
COB HIGH POWER LED FLOOD LIGHT 200W



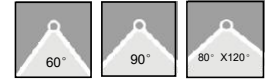
Specifications

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

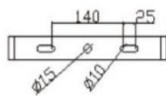
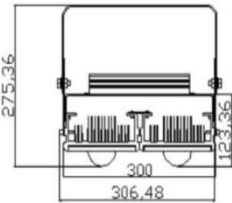
Color Temperature



Beam Angle

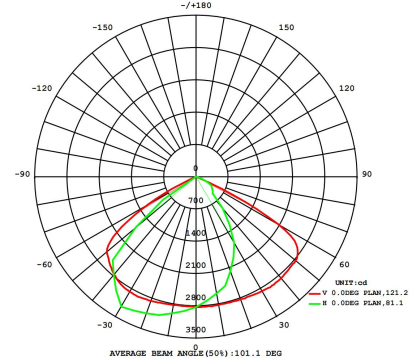
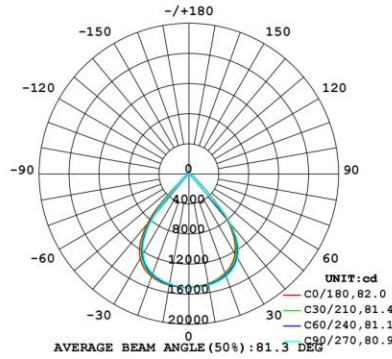
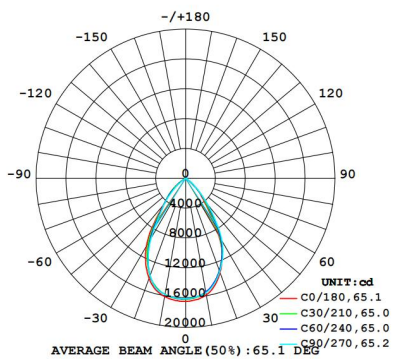


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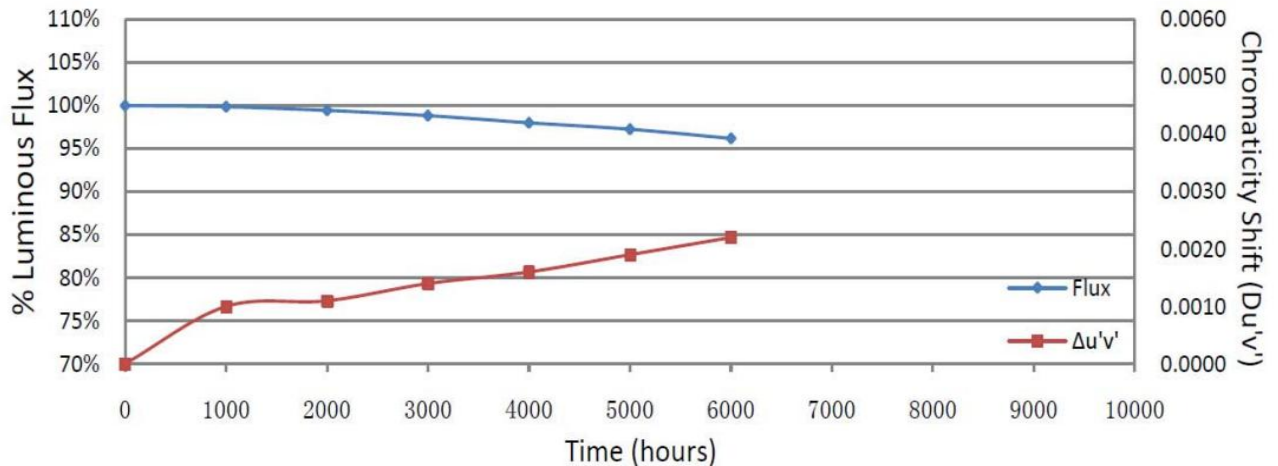


Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle (°)	Driver	Warranty (Years)
AD-TG04200W	200W	26000	130	2700K-6500K	≥ 80	60	With	5 Years
AD-TG04200W	200W	26000	130	2700K-6500K	≥ 80	90	With	5 Years
AD-TG04200W	200W	26000	130	2700K-6500K	≥ 80	80x120	With	5 Years

Light Distribution Curve



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



COB High Power LED Flood Light

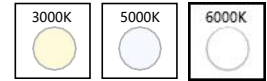
COB HIGH POWER LED FLOOD LIGHT 300W



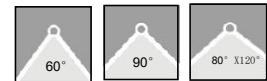
Specifications

Power: 300W
 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

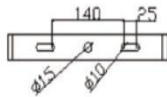
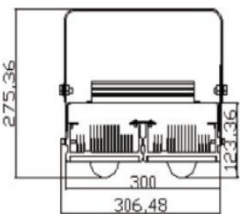
Color Temperature



Beam Angle

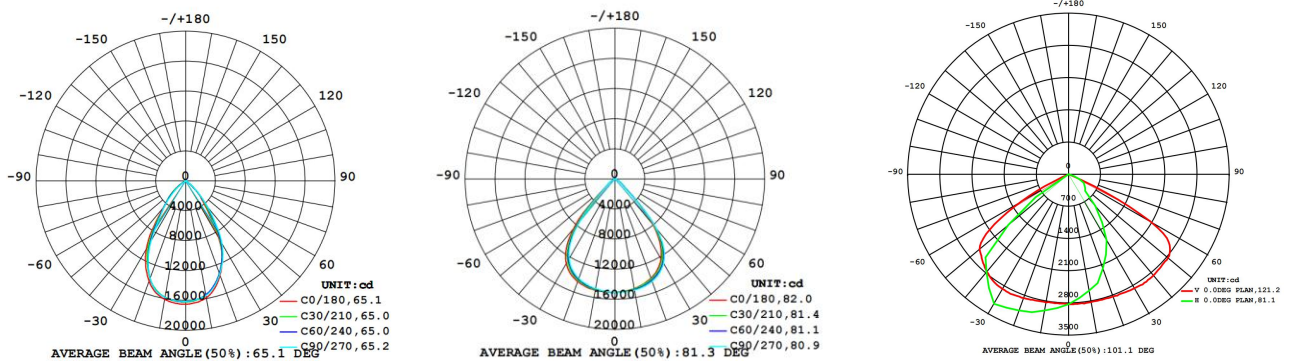


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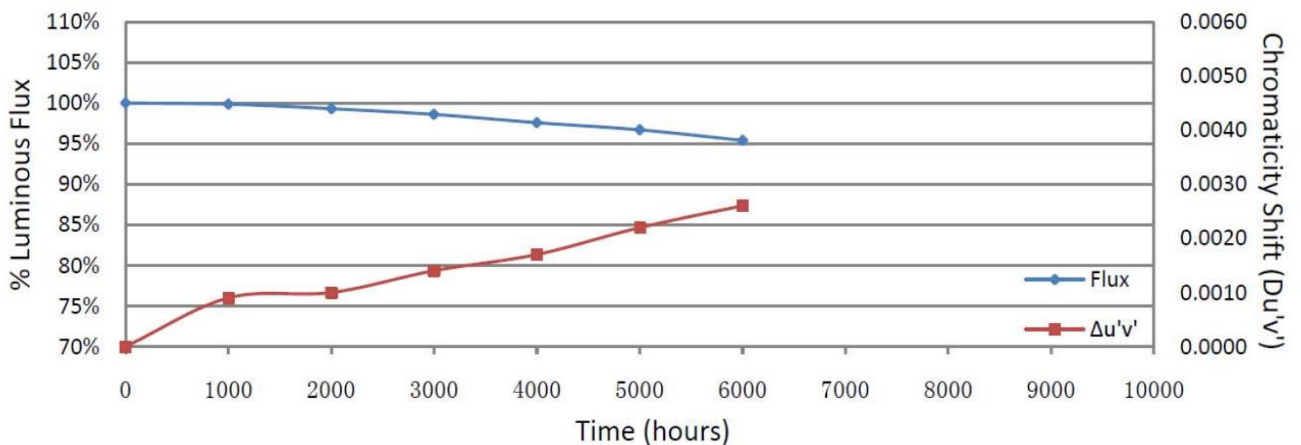


Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle (°)	Driver	Warranty (Years)
AD-TG04300W	300W	39000	130	2700K-6500K	≥ 80	60	With	5 Years
AD-TG04300W	300W	39000	130	2700K-6500K	≥ 80	90	With	5 Years
AD-TG04300W	300W	39000	130	2700K-6500K	≥ 80	80x120	With	5 Years

Light Distribution Curve



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COB High Power LED Flood Light

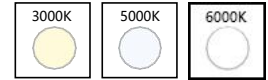
COB HIGH POWER LED FLOOD LIGHT 400W **ADHESION**®



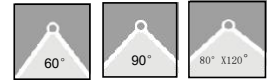
Specifications

Power: 400W
 Material: Aluminum
 Optical Accessories: Lens
 Driver: Built-in
 Input Voltage: 100-277V ~ 50/60Hz
 Power Factor: ≥ 0.9
 Operating Temperature: -30°C~+55°C, -22°F~+131°F
 LED Lifetime: ≥ 85,000hrs
 Driver Lifetime: ≥ 50,000hrs
 Warranty: 5 years

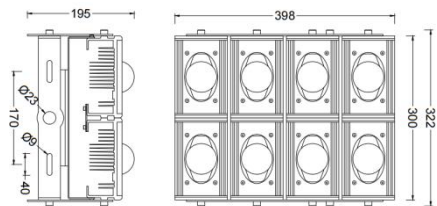
Color Temperature



Beam Angle

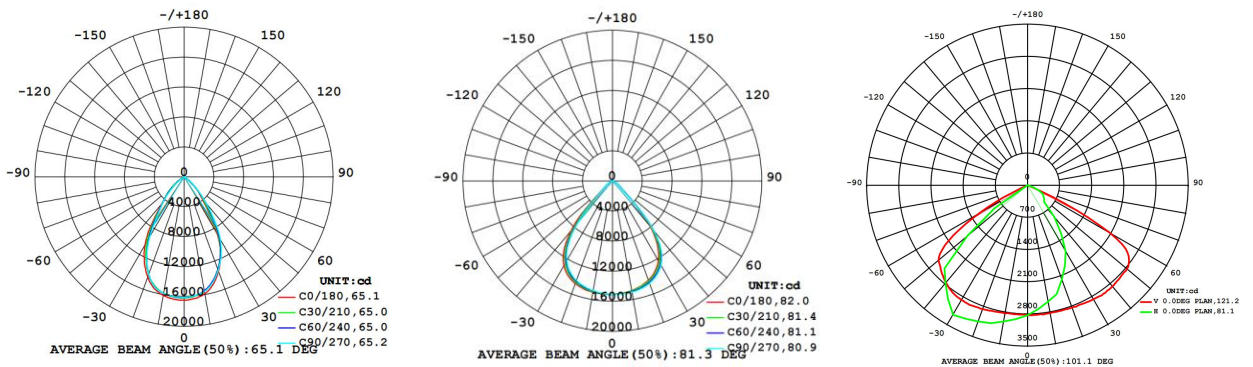


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Model No.	Power (W)	Luminous Flux (lm)	Luminous Efficacy (lm/W)	Color Temperature (K)	CRI (Ra)	Beam Angle (°)	Driver	Warranty (Years)
AD-TG04400W	400W	52000	130	2700K-6500K	≥80	60	With	5 Years
AD-TG04400W	400W	52000	130	2700K-6500K	≥80	90	With	5 Years
AD-TG04400W	400W	52000	130	2700K-6500K	≥80	80x120	With	5 Years

Light Distribution Curve



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