



NAME: Hazardous Location LED Round Light

P/N: AL-EPL01B-R-30WXYZD1-abcdef

Note:

1. The Letter **AL** in P/N stands for Company name.
2. The Letter **EPL01B-R** in P/N stands for Product series, Hazardous Location LED Round Light.
3. The Letter **30W** in P/N stands for Rating Power.
4. Where "**X**" stands for LED manufactory, can be B.
5. Where "**Y**" stands for Diffuser type, can be "S6" to "S9", represents different Diffuser light angle and with flat clear glass, or "CG" represents flat clear glass only, "SS" represents clear striped spherical glass or "US" represents U-shaped glass.
6. Where "**Z**" can be "S" or blank, represents "with Wire Guard" or "without Wire Guard".
7. The Letter **D1** in P/N stands for input voltage 100-277VAC.
8. Where "**a**" can be any two letters to represent color of luminaire.
9. Where "**b**" can be "U" or blank, represents "with bracket" or "without bracket".
10. Where "**c**" can be "NPT" for 3/4" NPT threaded pipe wiring.
11. Where "**d**" can be 30, 40, 50, 57, 65 to represent CCT.
12. Where "**f**" can be "CID1" to represent Hazardous Location category "Class I Division 1".

### Advantage:

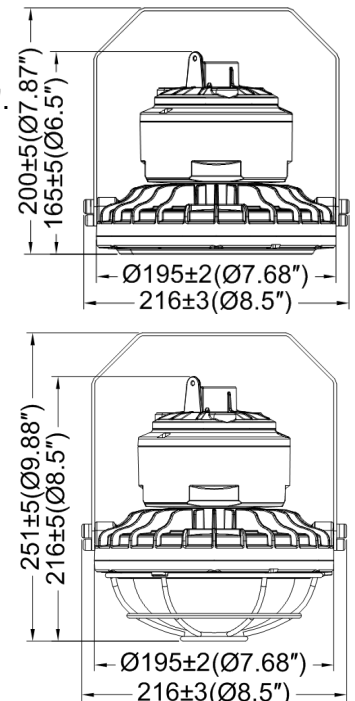
- UL cUL certificate.
- IP66 driver, input voltage 100-277VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO humming.
- Green and eco-friendly without mercury.

### Application:

- Warehouse, factory and workshops;
- Petroleum and petrochemical area, and gas station;
- Power, railway, ship port, public security, fire protection and other fields.

### CERTIFICATIONS:

- CI D1 Groups B,C,D,T5
- UL 844.
- UL 1598.
- UL 8750.
- CSA C22.2 No.137.0.
- CSA C22.2 No.250.0.
- CSA C22.2 No.250.13.



### Product Specifications

Product name	Hazardous Location LED Round Light
Part No	AL-EPL01B-R-30WXYZD1-abcdf
Dimension	216.2x195.2x249.2 mm or 216.2x195.2x200 mm or 216.2x195.2x353.5 mm 8.51" x7.69" x9.81" or 8.51" x7.69" x7.87" or 8.51" x7.69" x13.92"

### Technical Characteristic

Color temperature	3000 - 6500K			
CRI	>80			
Cover	clear glass	clear glass + wire guard	clear striped spherical glass	clear striped spherical glass + wire guard
Lumen	4515LM	4125LM	4037LM	3803LM
Lumen Efficacy	146 LM/W	135 LM/W	132 LM/W	123 LM/W
Viewing Angle	110°	110°	120°	120°
Cover	Clear glass+lens	U-shaped glass	U-shaped glass+ U-shaped wire guard	
Lumen	5041LM	4159LM	3907LM	
Lumen Efficacy	153LM/W	136LM/W	127 LM/W	
Viewing Angle	80°	120°	120°	
Input Power	30W			
Input Voltage	100-277VAC 50/60Hz			
Driver Brand	China Brand Driver (L/N-PE: 6KV L-N: 4KV)			
PF	>0.9			
THD	≤20%			
Waterproof Rating	WET (IP66)			
Explosion-proof Mark	North America: Class I ,Division 1,Groups B,C,D, T5;			

### Materials

LED Brand/ LED Type	Lumileds / SMD 2835 (1W)
LED QTY	84 PCS
Housing	Aluminum Alloy
Housing color	Any Colors
Cover	Clear Glass or Clear Striped Spherical Glass or U-shaped glass

### Others

Operating Temperature	-40°C TO 55°C
Operating Humidity	10%-90% RH
Storage Temperature	-40°C TO 80°C
Storage Humidity	10%-95% RH
Application	Indoor/Outdoor
Safety Certification	UL/cUL
Warranty Time	5 Years

### Light Distribution Testing Parameters

### Luminaire Property

Luminaire Manufacturer:

Voltage: 119.8 V

Power: 30.83 W

Current: 0.260 A

Power Factor: 0.991

### Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 4515.8 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 1712.36 cd

Pos of Max. Intensity: H0 V1

Longitudinal Classification: Very Short

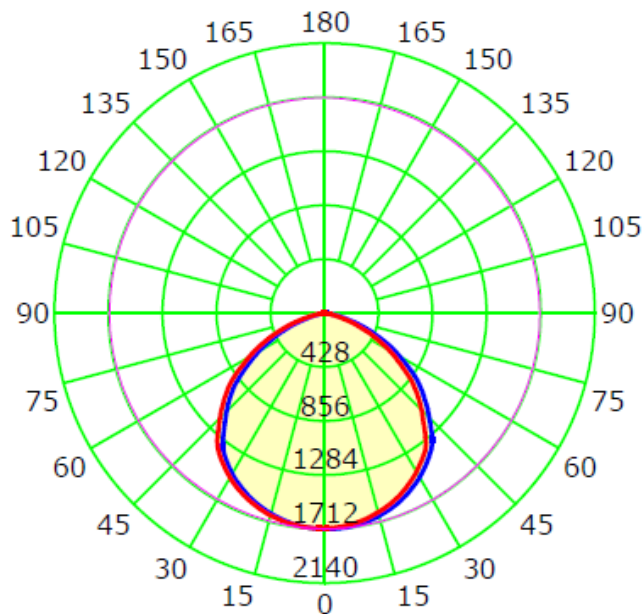
Measurement Flux: 4515.8 lm

Downward Ratio: 99%

Luminaire Efficacy Rating (LER): 146.52

Max. Intensity: 1712.71 cd

Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 108.3°

— C0-C180 — C90-C270 — G1

The Average Illuminance Effective Figure

Flux Out: 3421.77lm

Height	Avg./Nadir, E	Beam Angle:108.4°	Diameter / Area
2.0m	141.83/ 428.09lx		5.54m / 24.13sq.m
3.0m	63.03/ 190.26lx		8.31m / 54.28sq.m
4.0m	35.46/ 107.02lx		11.08m / 96.50sq.m
5.0m	22.69/ 68.49lx		13.86m / 150.79sq.m
6.0m	15.76/ 47.57lx		16.63m / 217.14sq.m
7.0m	11.58/ 34.95lx		19.40m / 295.55sq.m
8.0m	8.86/ 26.76lx		22.17m / 386.02sq.m
9.0m	7.00/ 21.14lx		24.94m / 488.55sq.m
10.0m	5.67/ 17.12lx		27.71m / 603.15sq.m
11.0m	4.69/ 14.15lx		30.48m / 729.82sq.m

### Optional Accessory



Clear glass



Clear striped  
spherical glass



Bracket



Wire guard



U-shaped  
glass



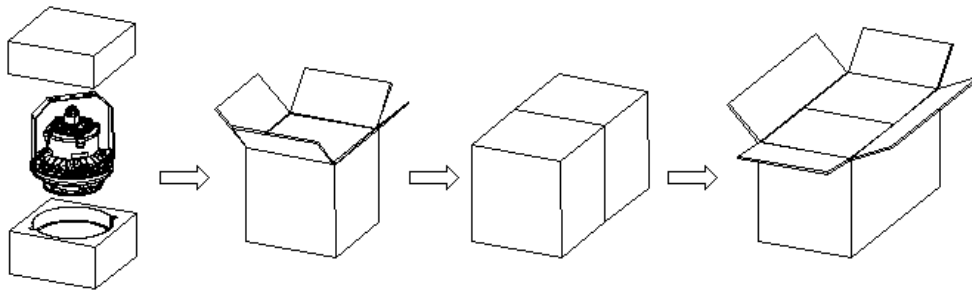
U-shaped  
wire guard



Flat wire  
guard

### Package

		clear glass	clear glass+lens	clear glass + wire guard	clear striped spherical glass	clear striped spherical glass + wire guard	U-shaped glass	U-shaped glass+U-shaped wire guard
Lamps Net Weight		3.86kg	3.93kg	4.02kg	4.15kg	4.31kg	4.85kg	5.17kg
Inner box	size	240x240x240 mm		240x240x290 mm			240x240x390 mm	
	Qty/ Carton	1PCS						
	Weight/Carton	4.16kg	4.23kg	4.35kg	4.48kg	4.64kg	5.3kg	5.6kg
Outer box	size	500x255x260 mm		500x255x310 mm			500x255x410 mm	
	Qty/ Carton	2PCS						
	Weight/Carton	8.92kg	9.06kg	9.33kg	9.56kg	9.88kg	11.4kg	12kg



### Notice For User

- ◆ when installing the conduit, remove the compression nut on the screw thread of the lamp. Requirement of waterproof for fixture connection and requirement of conduit system connection should according to the local regulations.
- ◆ Please turn off power before install or change assembly parts.
- ◆ The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- ◆ No-professionals, must not install and disassemble the lamps.

### Trouble Shootings

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.



NAME: Hazardous Location LED Round Light

P/N: AL-EPL01B-R-60WXYZD1-abcdef

Note:

1. The Letter **AL** in P/N stands for Company name.
2. The Letter **EPL01B-R** in P/N stands for Product series, Hazardous Location LED Round Light.
3. The Letter **60W** in P/N stands for Rating Power.
4. Where "**X**" stands for LED manufactory, can be B.
5. Where "**Y**" stands for Diffuser type, can be "S6" to "S9", represents different Diffuser light angle and with flat clear glass, or "CG" represents flat clear glass only, "SS" represents clear striped spherical glass or "US" represents U-shaped glass..
6. Where "**Z**" can be "S" or blank, represents "with Wire Guard" or "without Wire Guard".
7. The Letter **D1** in P/N stands for input voltage 100-277VAC.
8. Where "**a**" can be any two letters to represent color of luminaire.
9. Where "**b**" can be "U" or blank, represents "with bracket" or "without bracket".
10. Where "**c**" can be "NPT" for 3/4" NPT threaded pipe wiring.
11. Where "**d**" can be 30, 40, 50, 57, 65 to represent CCT.
12. Where "**f**" can be "CID1" to represent Hazardous Location category "Class I Division 1".

### Advantage:

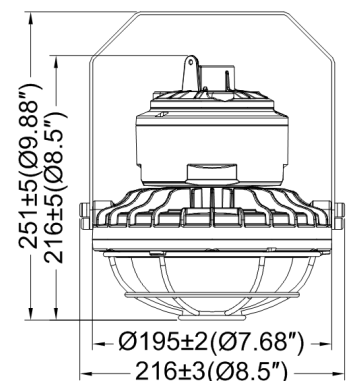
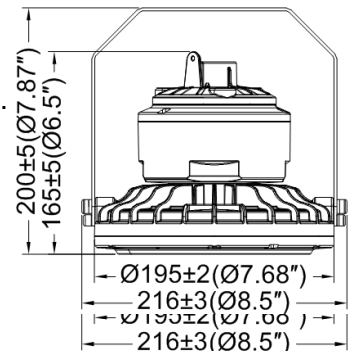
- UL cUL certificate.
- IP66 driver, input voltage 100-277VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO humming.
- Green and eco-friendly without mercury.

### Application:

- Warehouse, factory and workshops;
- Petroleum and petrochemical area, and gas station;
- Power, railway, ship port, public security, fire protection and other fields.

### CERTIFICATIONS:

- CI D1 Groups B,C,D,T5
- UL 844.
- UL 1598.
- UL 8750.
- CSA C22.2 No.137.0.
- CSA C22.2 No.250.0.
- CSA C22.2 No.250.13.





### Product Specifications

Product name	Hazardous Location LED Round Light
Part No	AL-EPL01B-R-60WXYZD1-abcdf
Dimension	216.2x195.2x249.2 mm or 216.2x195.2x200 mm or 216.2x195.2x353.5 mm 8.51" x7.69" x9.81" or 8.51" x7.69" x7.87" or 8.51" x7.69" x13.92"

### Technical Characteristic

Color temperature	3000 - 6500K			
CRI	>80			
Cover	clear glass	clear glass + wire guard	clear striped spherical glass	clear striped spherical glass + wire guard
Lumen	8580LM	8100LM	7860LM	7260LM
Lumen Efficacy	143 LM/W	135 LM/W	131 LM/W	121 LM/W
Viewing Angle	110°	110°	120°	120°
Cover	Clear glass+lens	U-shaped glass	U-shaped glass+U-shaped wire guard	
Lumen	8340LM	7260LM	6840LM	
Lumen Efficacy	139LM/W	121LM/W	114 LM/W	
Viewing Angle	80°	120°	120°	
Input Power	60W			
Input Voltage	100-277VAC 50/60Hz			
Driver Brand	China Brand Driver (L/N-PE: 6KV L-N: 4KV)			
PF	>0.9			
THD	≤20%			
Waterproof Rating	WET (IP66)			
Explosion-proof Mark	North America: Class I ,Division 1,Groups B,C,D, T4A;			

### Materials

LED Brand/ LED Type	Lumileds / SMD 2835 (1W)
LED QTY	210 PCS
Housing	Aluminum Alloy
Housing color	Any Colors
Cover	Clear Glass or Clear Striped Spherical Glass or U-shaped glass

### Others

Operating Temperature	-40°C TO 55°C
Operating Humidity	10%-90% RH
Storage Temperature	-40°C TO 80°C
Storage Humidity	10%-95% RH
Application	Indoor/Outdoor
Safety Certification	UL/cUL
Warranty Time	5 Years

### Light Distribution Testing Parameters

#### Luminaire Property

Luminaire Manufacturer:

Voltage: 120.3 V

Power: 62.62 W

Current: 0.522 A

Power Factor: 0.996

#### Photometric Results

IES Classification: Type III

Total Rated Lamp Lumens: 7599.7 lm

Efficiency: 100%

Upward Ratio: 5%

Central Intensity: 2289.69 cd

Pos of Max. Intensity: H225 V8

Longitudinal Classification: Very Short

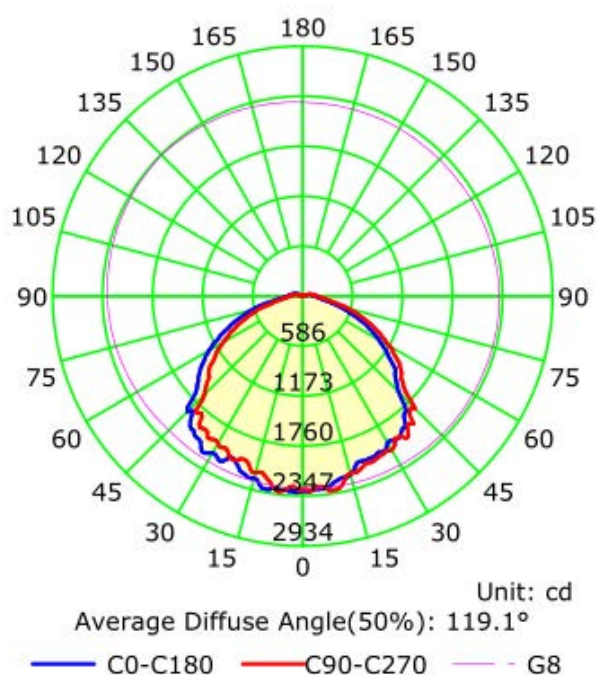
Measurement Flux: 7599.7 lm

Downward Ratio: 95%

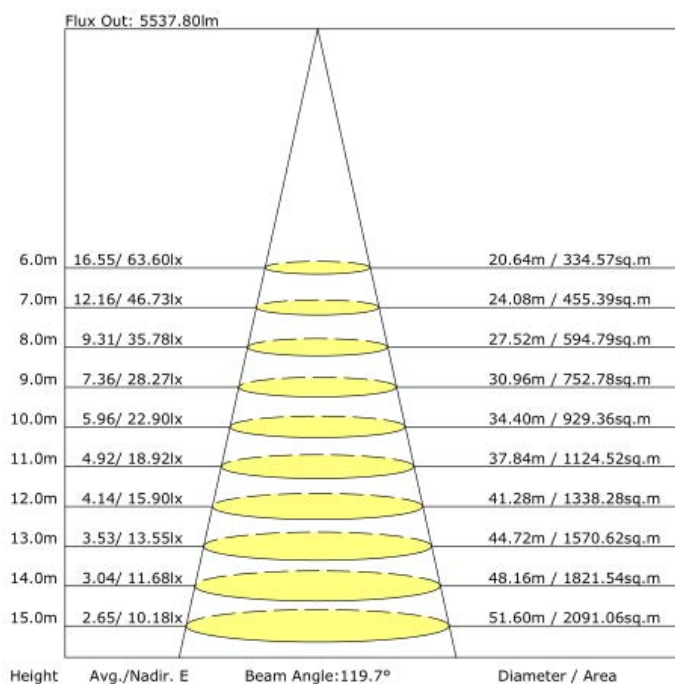
Luminaire Efficacy Rating (LER): 121.41

Max. Intensity: 2347.49 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



### Optional Accessory



Clear glass



Clear striped  
spherical glass



Bracket



Wire guard



U-shaped  
glass



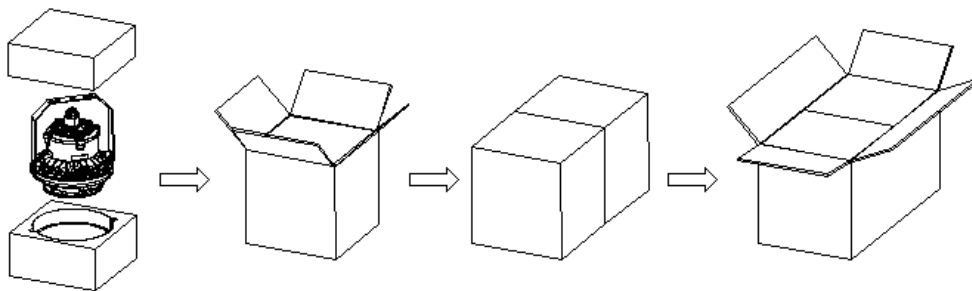
U-shaped  
wire guard



Flat wire  
guard

### Package

		clear glass	clear glass+ lens	clear glass + wire guard	clear striped spherical glass	clear striped spherical glass + wire guard	U-shaped glass	U-shaped glass+U-shaped wire guard
Lamps Net Weight		3.86kg	3.93kg	4.02kg	4.15kg	4.31kg	4.85kg	5.17kg
Inner box	size	240x240x240 mm		240x240x290 mm			240x240x390 mm	
	Qty/ Carton	1PCS						
	Weight/Carton	4.16kg	4.23kg	4.35kg	4.48kg	4.64kg	5.3kg	5.6kg
Outer box	size	500x255x260 mm		500x255x310 mm			500x255x410 mm	
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	Weight/Carton	8.92kg	9.06kg	9.33kg	9.56kg	9.88kg	11.4kg	12kg



### Notice For User

- ◆ when installing the conduit, remove the compression nut on the screw thread of the lamp. Requirement of waterproof for fixture connection and requirement of conduit system connection should according to the local regulations.
- ◆ Please turn off power before install or change assembly parts.
- ◆ The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- ◆ No-professionals, must not install and disassemble the lamps.

### Trouble Shootings

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.





**NAME:** Hazardous Location LED Round Light

**P/N:** AL-EPL01B-R-100WXYZD1-abcdef

**Note:**

1. The Letter **AL** in P/N stands for Company name.
2. The Letter **EPL01B-R** in P/N stands for Product series, Hazardous Location LED Round Light.
3. The Letter **100W** in P/N stands for Rating Power.
4. Where **"X"** stands for LED manufactory, can be B.
5. Where **"Y"** stands for Diffuser type, can be "S6" to "S9", represents different Diffuser light angle and with flat clear glass, or "CG" represents flat clear glass only, "SS" represents clear striped spherical glass.
6. Where **"Z"** can be "S" or blank, represents "with Wire Guard" or "without Wire Guard".
7. The Letter **D1** in P/N stands for input voltage 100-277VAC.
8. Where **"a"** can be any two letters to represent color of luminaire.
9. Where **"b"** can be "U" or blank, represents "with bracket" or "without bracket".
10. Where **"c"** can be "NPT" for 3/4" NPT threaded pipe wiring.
11. Where **"d"** can be 30, 40, 50, 57, 65 to represent CCT.
12. Where **"f"** can be "CID1" to represent Hazardous Location category "Class I Division 1".

### Advantage:

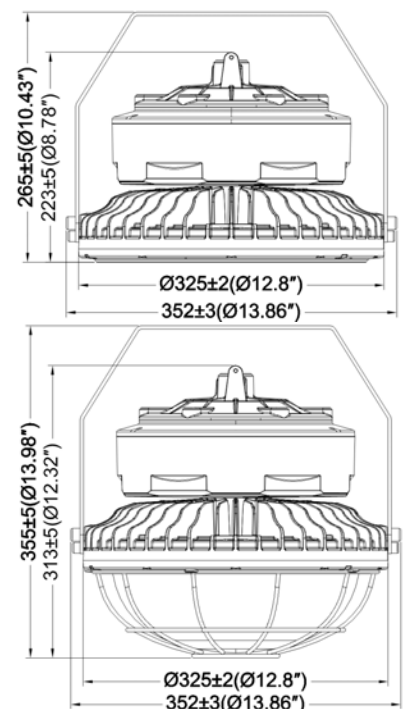
- UL cUL certificate.
- IP66 driver, input voltage 100-277VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO humming.
- Green and eco-friendly without mercury.

### Application:

- Warehouse, factory and workshops;
- Petroleum and petrochemical area, and gas station;
- Power, railway, ship port, public security, fire protection and other fields.

### CERTIFICATIONS:

- CI D1 Groups B,C,D.T5
- UL 844.
- UL 1598.
- UL 8750.
- CSA C22.2 No.137.0.
- CSA C22.2 No.250.0.
- CSA C22.2 No.250.13.



### Product Specifications

Product name	Hazardous Location LED Round Light
Part No	AL-EPL01B-R-100WXYZD1-abcdf
Dimension	352x325x355 mm or 352x325x265 mm 13.86" x12.81" x13.98" or 13.86" x12.81" x10.43"

### Technical Characteristic

Color temperature	3000 - 6500K			
CRI	>80			
Cover	clear glass	clear glass + wire guard	clear striped spherical glass	clear striped spherical glass + wire guard
Lumen	15300 LM	14800 LM	14400 LM	13800LM
Lumen Efficacy	153 LM/W	148 LM/W	144 LM/W	138 LM/W
Viewing Angle	110°	110°	120°	120°
Cover	Clear glass+lens			
Lumen	15300 LM			
Lumen Efficacy	153 LM/W			
Viewing Angle	80°			
Input Power	100W			
Input Voltage	100-277VAC 50/60Hz			
Driver Brand	China Brand Driver (L/N-PE: 6KV L-N: 4KV)			
PF	>0.9			
THD	≤20%			
Waterproof Rating	WET (IP66)			
Explosion-proof Mark	North America: Class I ,Division 1,Groups B,C,D, T5;			

### Materials

LED Brand/ LED Type	Lumileds / SMD 2835 (1W)
LED QTY	260 PCS
Housing	Aluminum Alloy
Housing color	Any Colors
Cover	Clear Glass or Clear Striped Spherical Glass

### Others

Operating Temperature	-40°C TO 55°C
Operating Humidity	10%-90% RH
Storage Temperature	-40°C TO 80°C
Storage Humidity	10%-95% RH
Application	Indoor/Outdoor
Safety Certification	UL/cUL
Warranty Time	5 Years

### Light Distribution Testing Parameters

#### Luminaire Property

Luminaire Manufacturer:

Voltage: 120.3 V

Power: 103.80 W

Current: 0.865 A

Power Factor: 0.998

#### Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 15966.6 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 5605.69 cd

Pos of Max. Intensity: H0 V0

Longitudinal Classification: Very Short

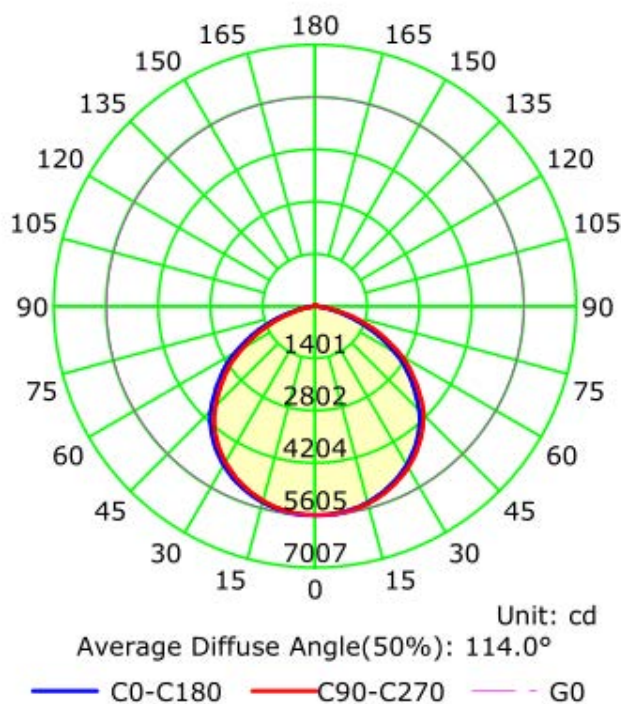
Measurement Flux: 15966.6 lm

Downward Ratio: 99%

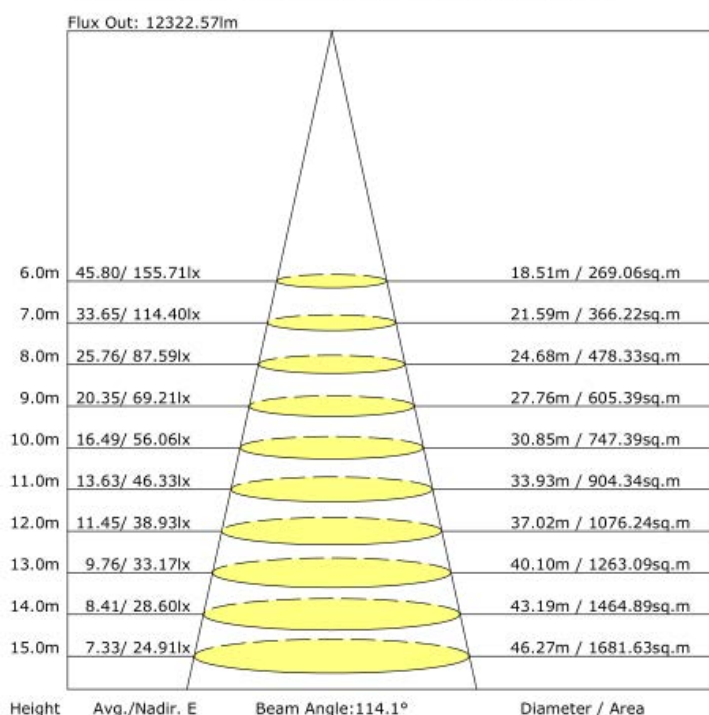
Luminaire Efficacy Rating (LER): 153.87

Max. Intensity: 5605.69 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



### Optional Accessory



Clear glass



Clear striped  
spherical glass



Bracket



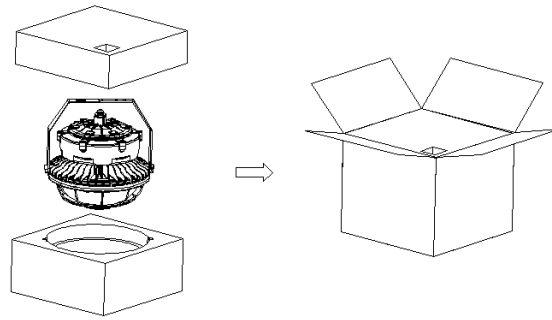
Wire guard



Flat wire guard

### Package

		clear glass	clear glass+ lens	clear glass + wire guard	clear striped spherical glass	clear striped spherical glass + wire guard
Lamps Net Weight		10.85kg	11.05kg	11.21kg	11.67kg	12.03kg
Outer box	size	400x400x345 mm		400x400x440 mm		
	Qty/ Carton	1PCS				
	Weight/Carton	12.07kg	12.27kg	12.43kg	13.18kg	13.54kg



### Notice For User

- ◆ when installing the conduit, remove the compression nut on the screw thread of the lamp. Requirement of waterproof for fixture connection and requirement of conduit system connection should according to the local regulations.
- ◆ Please turn off power before install or change assembly parts.
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### Trouble Shootings

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.





**NAME:** Hazardous Location LED Round Light

**P/N:** AL-EPL01B-R-150WXYZD1-abcdef

**Note:**

1. The Letter **AL** in P/N stands for Company name.
2. The Letter **EPL01B-R** in P/N stands for Product series, Hazardous Location LED Round Light.
3. The Letter **150W** in P/N stands for Rating Power.
4. Where **"X"** stands for LED manufactory, can be B.
5. Where **"Y"** stands for Diffuser type, can be "S6" to "S9", represents different Diffuser light angle and with flat clear glass, or "CG" represents flat clear glass only, "SS" represents clear striped spherical glass.
6. Where **"Z"** can be "S" or blank, represents "with Wire Guard" or "without Wire Guard".
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### Advantage:

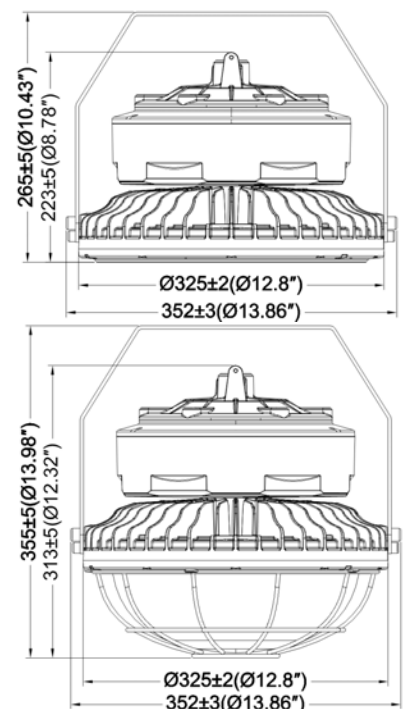
- UL cUL certificate.
- IP66 driver, input voltage 100-277VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO humming.
- Green and eco-friendly without mercury.

### CERTIFICATIONS:

- CI D1 Groups B,C,D.T5
- UL 844.
- UL 1598.
- UL 8750.
- CSA C22.2 No.137.0.
- CSA C22.2 No.250.0.
- CSA C22.2 No.250.13.

### Application:

- Warehouse, factory and workshops;
- Petroleum and petrochemical area, and gas station;
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### Product Specifications

Product name	Hazardous Location LED Round Light
Part No	AL-EPL01B-R-150WXYZD1-abcdf
Dimension	352x325x355 mm or 352x325x265 mm 13.86" x12.81" x13.98" or 13.86" x12.81" x10.43"

### Technical Characteristic

Color temperature	3000 - 6500K			
CRI	>80			
Cover	clear glass	clear glass + wire guard	clear striped spherical glass	clear striped spherical glass + wire guard
Lumen	23250LM	22500LM	21750LM	20700LM
Lumen Efficacy	155 LM/W	150 LM/W	145 LM/W	138 LM/W
Viewing Angle	110°	110°	120°	120°
Cover	Clear glass+lens			
Lumen	22650LM			
Lumen Efficacy	151 LM/W			
Viewing Angle	80°			
Input Power	150W			
Input Voltage	100-277VAC 50/60Hz			
Driver Brand	China Brand Driver (L/N-PE: 10KV L-N: 10KV)			
PF	>0.9			
THD	≤20%			
Waterproof Rating	WET (IP66)			
Explosion-proof Mark	North America: Class I ,Division 1,Groups B,C,D, T4A;			

### Materials

LED Brand/ LED Type	Lumileds / SMD 2835 (1W)
LED QTY	416 PCS
Housing	Aluminum Alloy
Housing color	Any Colors
Cover	Clear Glass or Clear Striped Spherical Glass

### Others

Operating Temperature	-40°C TO 55°C
Operating Humidity	10%-90% RH
Storage Temperature	-40°C TO 80°C
Storage Humidity	10%-95% RH
Application	Indoor/Outdoor
Safety Certification	UL/cUL
Warranty Time	5 Years

### Light Distribution Testing Parameters

#### Luminaire Property

Luminaire Manufacturer:

Voltage: 120.3 V

Power: 153.19 W

Current: 1.277 A

Power Factor: 0.998

#### Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 23834.0 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 8343.99 cd

Pos of Max. Intensity: H180 V1

Longitudinal Classification: Very Short

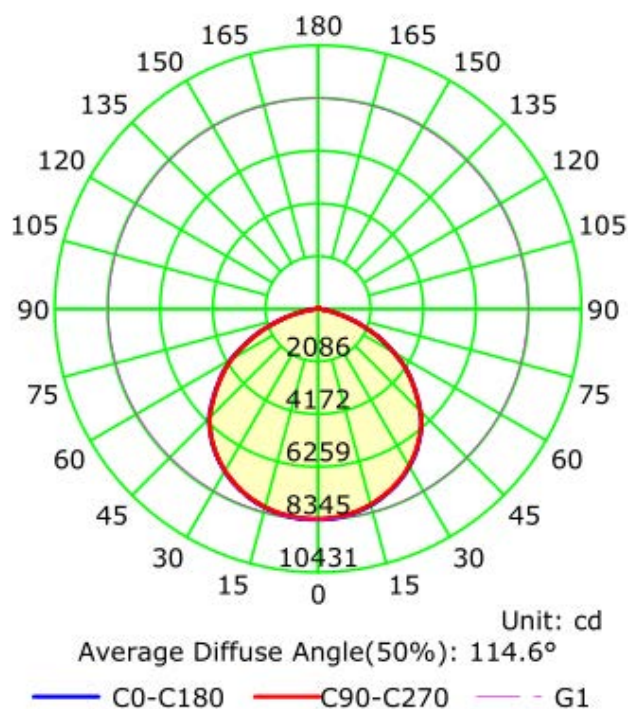
Measurement Flux: 23834 lm

Downward Ratio: 99%

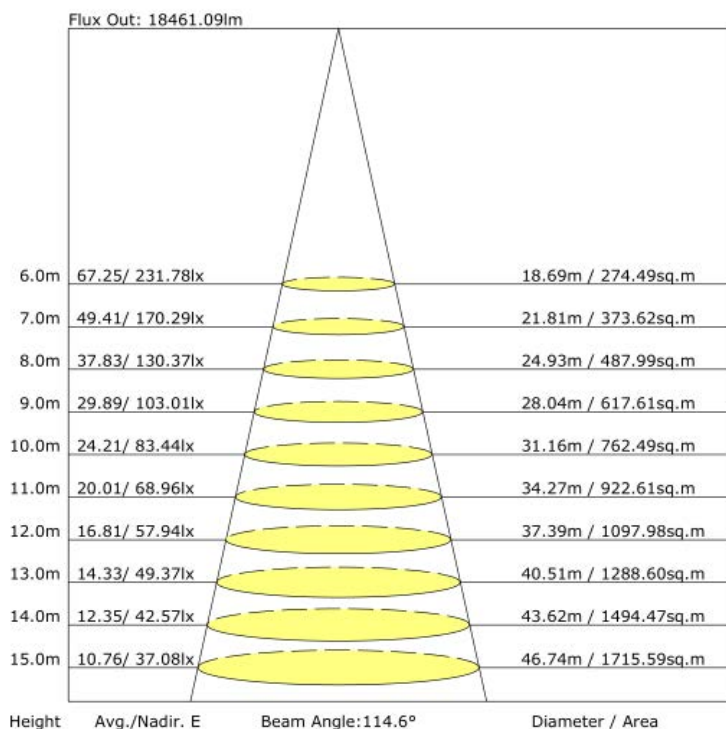
Luminaire Efficacy Rating (LER): 155.63

Max. Intensity: 8345.42 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



### Optional Accessory



Clear glass



Clear striped  
spherical glass



Bracket



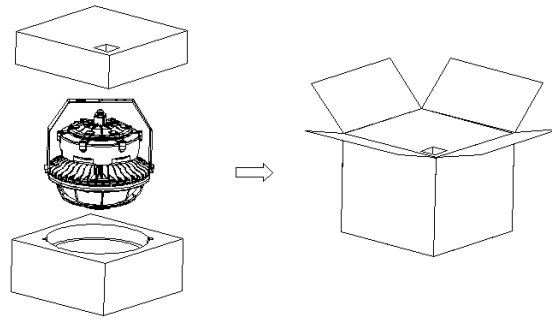
Wire guard



Flat wire guard

### Package

		clear glass	clear glass+ lens	clear glass + wire guard	clear striped spherical glass	clear striped spherical glass + wire guard
Lamps Net Weight		11.1kg	11.3kg	11.45kg	11.97kg	12.33kg
Outer box	size	400x400x345 mm		400x400x440 mm		
	Qty/ Carton	1PCS				
	Weight/Carton	12.35'kg	12.55'kg	12.71kg	13.47kg	13.83kg



### Notice For User

- ◆ when installing the conduit, remove the compression nut on the screw thread of the lamp. Requirement of waterproof for fixture connection and requirement of conduit system connection should according to the local regulations.
- ◆ Please turn off power before install or change assembly parts.
- ◆ The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- ◆ No-professionals, must not install and disassemble the lamps.

### Trouble Shootings

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.



**NAME:** Hazardous Location LED Round Light

**P/N:** AL-EPL01B-R-150WXYZH1-abcdef

**Note:**

1. The Letter **AL** in P/N stands for Company name.
2. The Letter **EPL01B-R** in P/N stands for Product series, Hazardous Location LED Round Light.
3. The Letter **150W** in P/N stands for Rating Power.
4. Where **"X"** stands for LED manufactory, can be B.
5. Where **"Y"** stands for Diffuser type, can be "S6" to "S9", represents different Diffuser light angle and with flat clear glass, or "CG" represents flat clear glass only, "SS" represents clear striped spherical glass.
6. Where **"Z"** can be "S" or blank, represents "with Wire Guard" or "without Wire Guard".
7. The Letter **H1** in P/N stands for input voltage 277-480VAC.
8. Where **"a"** can be any two letters to represent color of luminaire.
9. Where **"b"** can be "U" or blank, represents "with bracket" or "without bracket".
10. Where **"c"** can be "NPT" for 3/4" NPT threaded pipe wiring.
11. Where **"d"** can be 30, 40, 50, 57, 65 to represent CCT.
12. Where **"f"** can be "CID1" to represent Hazardous Location category "Class I Division 1".

### Advantage:

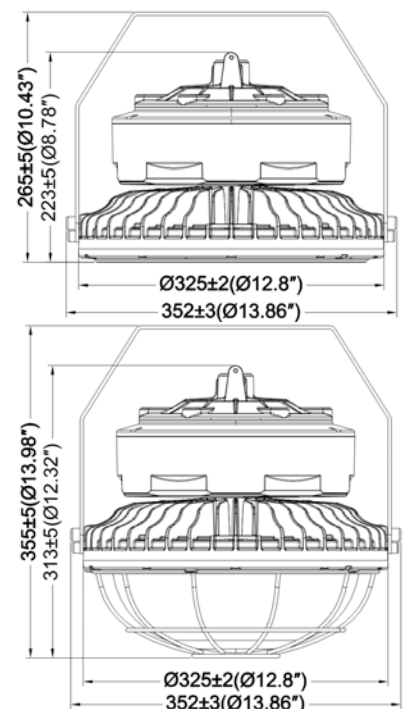
- UL cUL certificate.
- IP66 driver, input voltage 277-480VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO humming.
- Green and eco-friendly without mercury.

### Application:

- Warehouse, factory and workshops;
- Petroleum and petrochemical area, and gas station;
- Power, railway, ship port, public security, fire protection and other fields.

### CERTIFICATIONS:

- CI D1 Groups B,C,D.T4A
- UL 844.
- UL 1598.
- UL 8750.
- CSA C22.2 No.137.0.
- CSA C22.2 No.250.0.
- CSA C22.2 No.250.13.



### Product Specifications

Product name	Hazardous Location LED Round Light
Part No	AL-EPL01B-R-150WXYZH1-abcdef
Dimension	352x325x355 mm or 352x325x265 mm 13.86" x12.81" x13.98" or 13.86" x12.81" x10.43"

### Technical Characteristic

Color temperature	3000 - 6500K			
CRI	>80			
Cover	clear glass	clear glass + wire guard	clear striped spherical glass	clear striped spherical glass + wire guard
Lumen	21750-24000LM	21000-23250LM	20250-22500LM	19500- 21750LM
Lumen Efficacy	150 LM/W	145 LM/W	140 LM/W	135 LM/W
Viewing Angle	110°	110°	120°	120°
Cover	Clear glass+lens			
Lumen	22800 LM			
Lumen Efficacy	152 LM/W			
Viewing Angle	80°			
Input Power	150W			
Input Voltage	277-480VAC 50/60Hz			
Driver Brand	China Brand Driver (L/N-PE: 10KV L-N: 6KV)			
PF	>0.9			
THD	≤20%			
Waterproof Rating	WET (IP66)			
Explosion-proof Mark	North America: Class I ,Division 1,Groups B,C,D, T4A;			

### Materials

LED Brand/ LED Type	Lumileds / SMD 2835 (1W)
LED QTY	416 PCS
Housing	Aluminum Alloy
Housing color	Any Colors
Cover	Clear Glass or Clear Striped Spherical Glass

### Others

Operating Temperature	-40°C TO 55°C
Operating Humidity	10%-90% RH
Storage Temperature	-40°C TO 80°C
Storage Humidity	10%-95% RH
Application	Indoor/Outdoor
Safety Certification	UL/cUL
Warranty Time	5 Years



### Light Distribution Testing Parameters

#### Luminaire Property

Luminaire Manufacturer:

Luminaire Description: SNC-EPL01-R-150WXYZH1-abcd

Luminous Length (mm): 270

Voltage: 277.5 V

Power: 151.80 W

Luminous Width (mm): 270

Current: 0.548 A

Power Factor: 0.998

#### Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 22909.6 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 8073.61 cd

Pos of Max. Intensity: H0 V0

Longitudinal Classification: Very Short

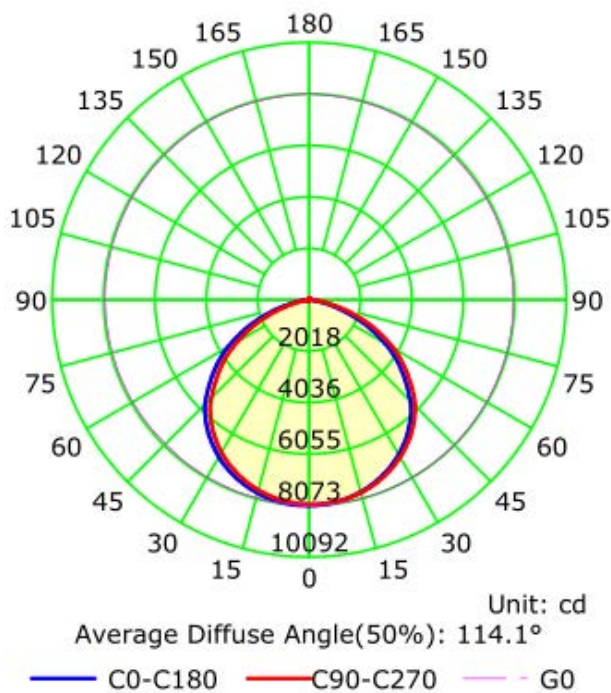
Measurement Flux: 22909.6 lm

Downward Ratio: 99%

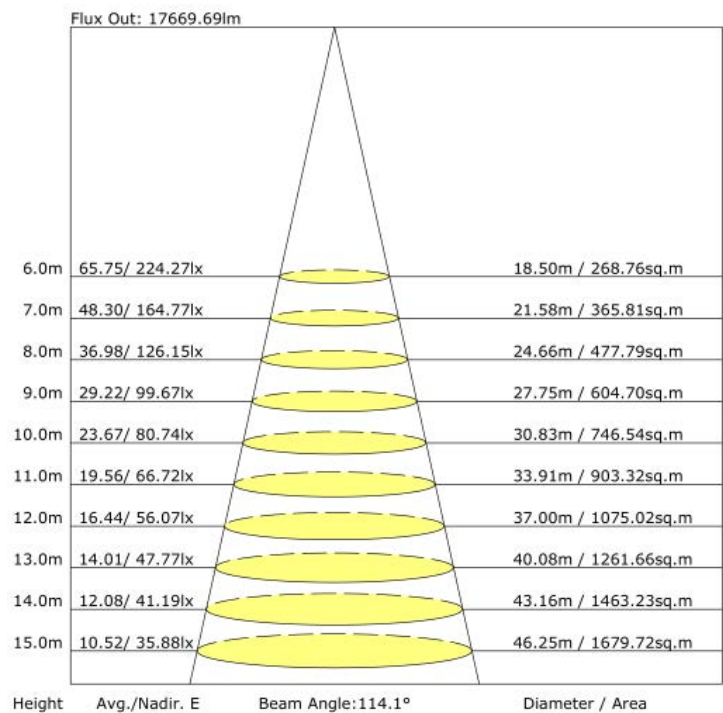
Luminaire Efficacy Rating (LER): 150.97

Max. Intensity: 8073.61 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



### Optional Accessory



Clear glass



Clear striped  
spherical glass



Bracket



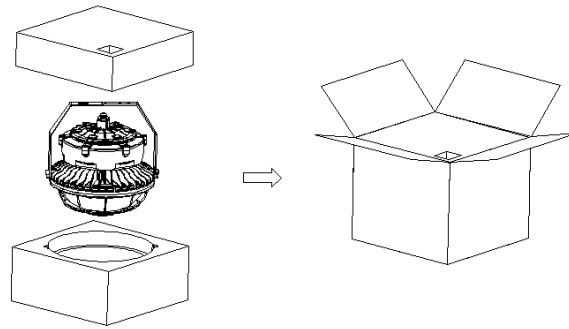
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