



NAME: Hazardous Location LED Linear Light

P/N: AL-EPLL01-40WXYZD1-abcdef

Note:

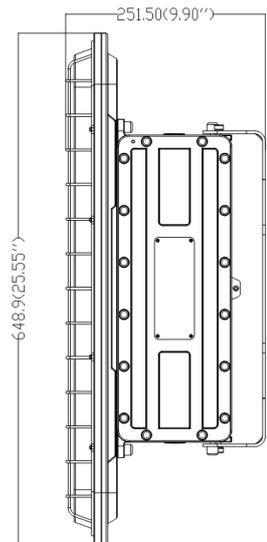
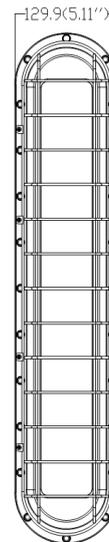
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2. Where "Y" stands for Diffuser type, can be "S1" to "S10", represents different Diffuser light angle and with flat clear glass, or "CG" represents flat clear glass only.
3. Where "Z" can be "S" or blank, represents "with Wire Guard" or "without Wire Guard".
4. Where "a" can be any two letters to represent color of luminaire.
5. Where "b" can be "FM", "CM", "TM", "PM", "HM" represent mounting type.
6. Where "c" can be "NPT" for 3/4" NPT threaded pipe connection
7. Where "d" can be 27, 30, 40, 50, 57, 65 to represent CCT.
8. Where "f" can be "CID1" to represent Hazardous Location category "Class I Division 1".

Advantage:

- UL cUL certificate.
- Comply with UL844 standards.
- Comply with UL1598 standards.
- 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.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.



Application:

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

Product Specifications

Product name	Hazardous Location LED Linear Light		
Part No	AL-EPLL01-40WXYZD1-abcdef		
Dimension	649*130*220 mm 25.55"*5.12"*8.66"		

Technical Characteristic

Color temperature	3000 - 6500K		
CRI	>70		
Cover	Diffuser+ clear glass		
Lumen	5000-5800LM		
Lumen Efficacy	140 LM/W	135 LM/W	140 LM/W
Viewing Angle	20°、30°、35°	60°、80°	110*100°
Input Power	40W		
Input Voltage	100-277VAC 50/60Hz		
Driver Brand	China Brand Driver (MU050H135AQ_CP/C ; L/N-PE: 6KV L-N: 6KV)		
PF	>0.9		
Waterproof Rating	WET (IP66)		
Explosion-proof Mark	North America: Class I, Division 1, Groups B,C,D, T4A;		

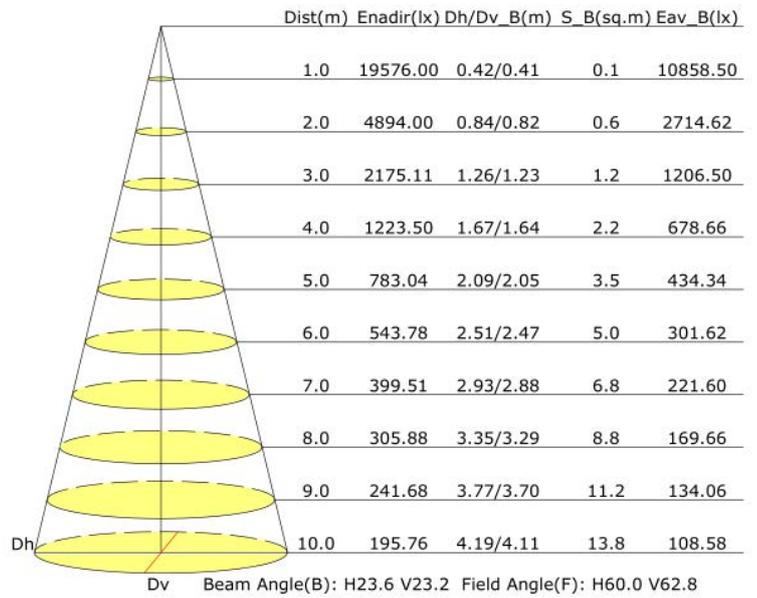
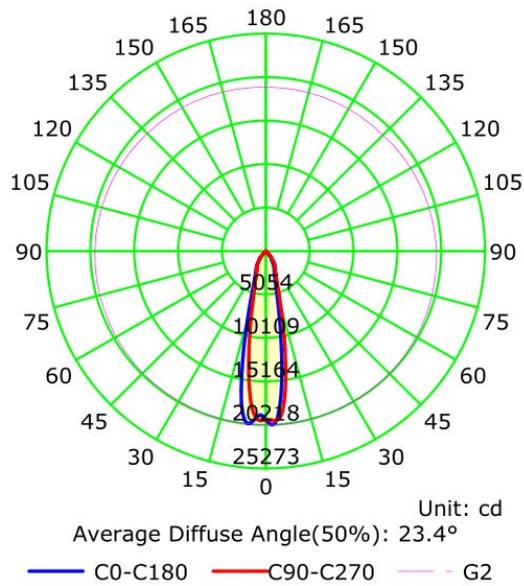
Materials

LED Brand	Bridgelux
LED Type	SMD 3030 (1.0W)
LED QTY	144 PCS (40W)
Housing	Aluminum
Housing color	Yellow / Gray

Others

Operating Temperature	-40°C TO 65°C
Operating Humidity	10%-90% RH
Storage Temperature	-40°C TO 80°C
Storage Humidity	10%-95%
Application	Indoor/Outdoor
Safety Certification	UL/cUL
Warranty Time	5 Years

Light Distribution Testing Parameters



Mounting Options



CM-side surface mount



PM-Installation mode of road lamp pole



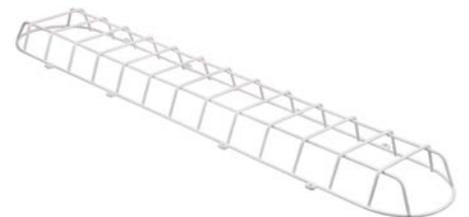
FM-shape buckle



HM-Hchain mount



cable mount



WG-wire guard

Package

Lamp Net Weight: **KG / PC**

	Size	Qty / Carton	Net weight	Gross Weight / Carton
Lamp Outer box	760*220*305mm	1 PC	10.68kg	12.5kg

Notice For User

- ◆ 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 Linear Light

P/N: AL-EPLL01-80WXYZD1-abcdf

Note:

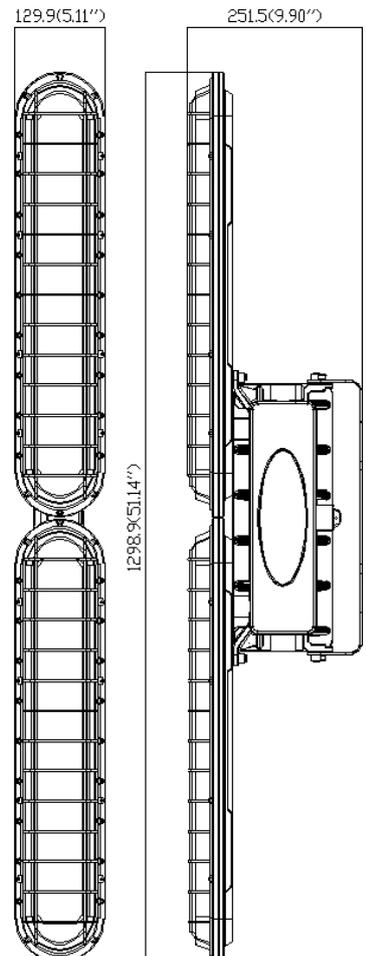
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3. Where "Z" can be "S" or blank, represents "with Wire Guard" or "without Wire Guard".
4. Where "a" can be any two letters to represent color of luminaire.
5. Where "b" can be "FM", "CM", "TM", "PM", "HM" represent mounting type.
6. Where "c" can be "NPT" for 3/4" NPT threaded pipe connection
7. Where "d" can be 27, 30, 40, 50, 57, 65 to represent CCT.
8. Where "f" can be "CID1" to represent Hazardous Location category "Class I Division 1".

Advantage:

- UL cUL certificate.
- Comply with UL844 standards.
- Comply with UL1598 standards.
- 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;
- Power, railway, ship port, public security, fire protection and other fields.

Product Specifications

Product name	Hazardous Location LED Linear Light		
Part No	AL-EPLL01-80WXYZD1-abcdef		
Dimension	1299*130*220 mm 51.14"*5.11"*8.66"		

Technical Characteristic

Color temperature	3000 - 6500K		
CRI	>70		
Cover	Diffuser+ clear glass		
Lumen	10000-11600LM		
Lumen Efficacy	140 LM/W	135 LM/W	140 LM/W
Viewing Angle	20°、30°、35°	60°、80°	110*100°
Input Power	80W		
Input Voltage	100-277VAC 50/60Hz		
Driver Brand	China Brand Driver (MU100H120AQ_MB; L/N-PE: 6KV L-N: 4KV)		
PF	>0.9		
Waterproof Rating	WET (IP66)		
Explosion-proof Mark	North America: Class I ,Division 1,Groups B,C,D, T5;		

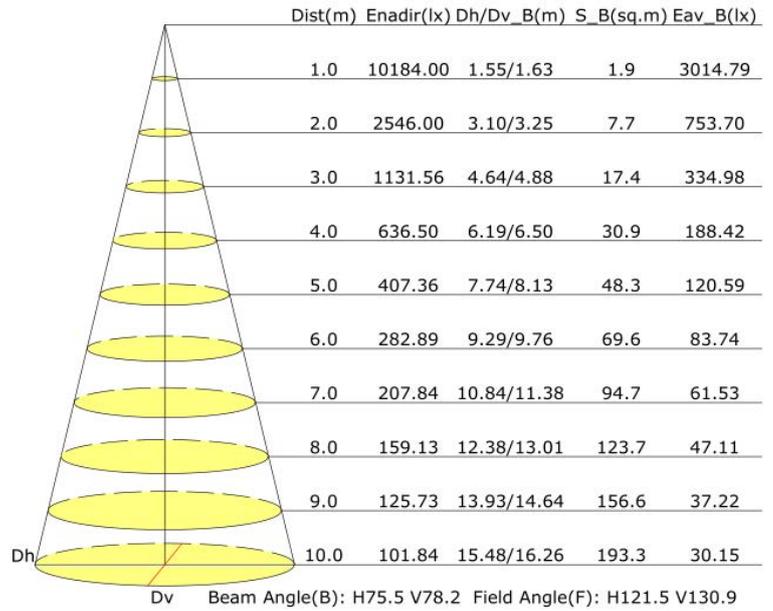
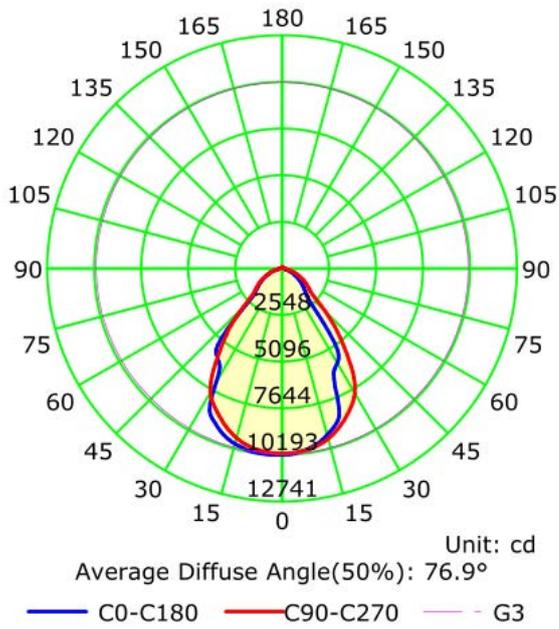
Materials

LED Brand	Bridgelux
LED Type	SMD 3030 (1.0W)
LED QTY	288 PCS (80W)
Housing	Aluminum
Housing color	Yellow / Gray

Others

Operating Temperature	-40°C TO 65°C
Operating Humidity	10%-90% RH
Storage Temperature	-40°C TO 80°C
Storage Humidity	10%-95%
Application	Indoor/Outdoor
Safety Certification	UL/cUL
Warranty Time	5 Years

Light Distribution Testing Parameters



Mounting Options



CM-side surface mount



PM-Installation mode of road lamp pole



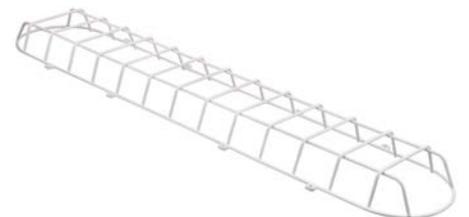
FM-shape buckle



HM-Hchain mount



cable mount



WG-wire guard

Package

Lamp Net Weight: KG / PC

	Size	Qty / Carton	Net weight	Gross Weight / Carton
Lamp Outer box	1410*220*305mm	1 PC	16.71kg	19.59kg

Notice For User

- ◆ 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 Linear Light

P/N: AL-EPLL01-80WXYZH1-abcdef

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Advantage:

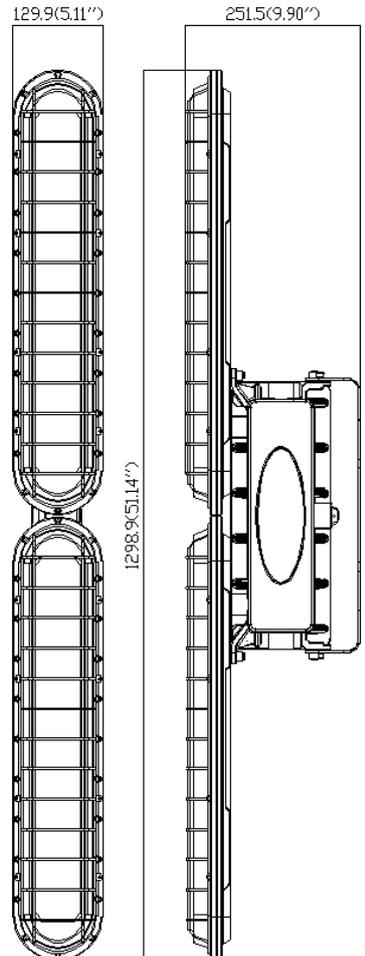
- UL cUL certificate.
- Comply with UL844 standards.
- Comply with UL1598 standards.
- IP66 driver, input voltage 277-480VAC
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
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CERTIFICATIONS:

- CI D1 Groups B,C,D.T5
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- CSA C22.2 No.137.0.
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- 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 Linear Light		
Part No	AL-EPLL01-80WXYZH1-abcdef		
Dimension	1299*130*220 mm 51.14"*5.11"*8.66"		

Technical Characteristic

Color temperature	3000 - 6500K		
CRI	>70		
Cover	Diffuser+ clear glass		
Lumen	10000-11600LM		
Lumen Efficacy	140 LM/W	135 LM/W	140 LM/W
Viewing Angle	20°、30°、35°	60°、80°	110*100°
Input Power	80W		
Input Voltage	277-480VAC 50/60Hz		
Driver Brand	China Brand Driver (MT100A210AQ_CP; L/N-PE: 6KV L-N: 4KV)		
PF	>0.9		
Waterproof Rating	WET (IP66)		
Explosion-proof Mark	North America: Class I ,Division 1,Groups B,C,D, T5;		

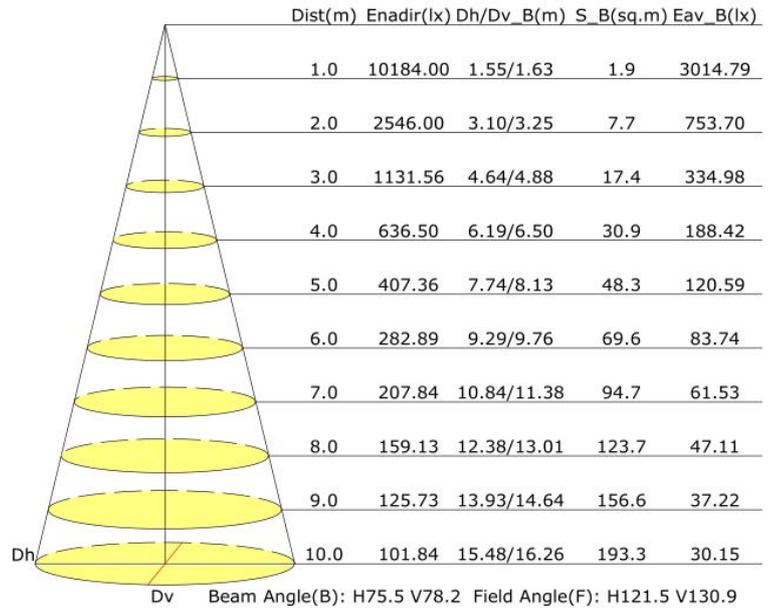
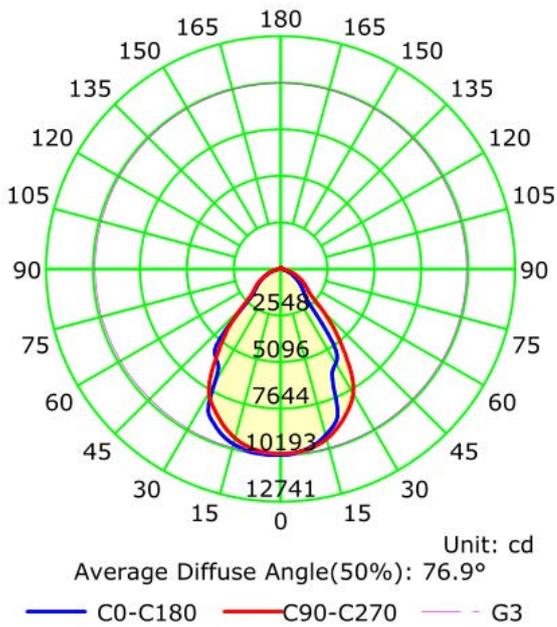
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LED Brand	Bridgelux
LED Type	SMD 3030 (1.0W)
LED QTY	288 PCS (80W)
Housing	Aluminum
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Operating Temperature	-40°C TO 65°C
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Storage Temperature	-40°C TO 80°C
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Light Distribution Testing Parameters



Mounting Options



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PM-Installation mode of road lamp pole



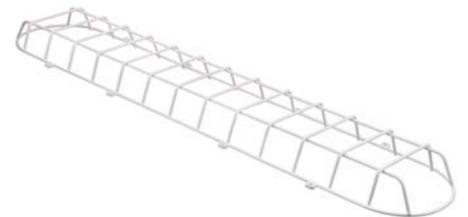
FM-shape buckle



HM-Hchain mount



cable mount



WG-wire guard

TECHNICAL DATA SHEET

Package

Lamp Net Weight: KG / PC

	Size	Qty / Carton	Net weight	Gross Weight / Carton
Lamp Outer box	1410*220*305mm	1 PC	16.32kg	19.18kg

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Troubles	Check points
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Out of working	Please check the connection.



NAME: Hazardous Location LED Linear Light

P/N: AL-EPLL01-120WXYZD1-abcdef

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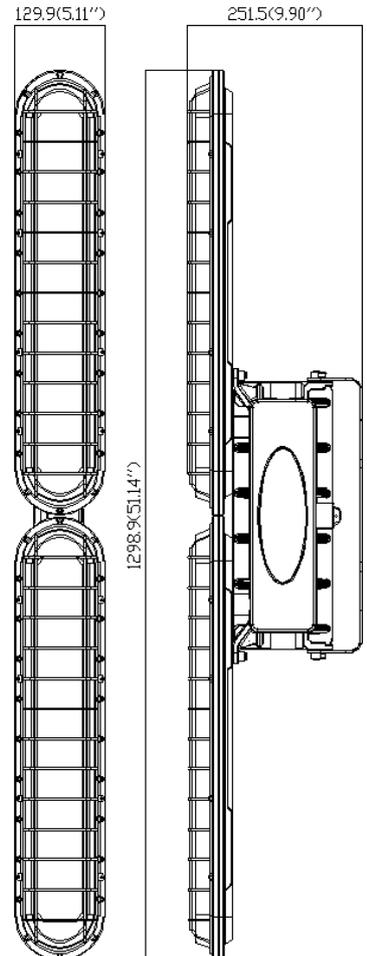
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Application:

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Product Specifications

Product name	Hazardous Location LED Linear Light		
Part No	AL-EPLL01-120WXYZD1-abcdef		
Dimension	1299*130*220 mm 51.14"*5.11"*8.66"		

Technical Characteristic

Color temperature	3000 - 6500K		
CRI	>70		
Cover	Diffuser+ clear glass		
Lumen	14400-17400LM		
Lumen Efficacy	140 LM/W	130 LM/W	140 LM/W
Viewing Angle	20°、30°、35°	60°、80°	110*100°
Input Power	120W		
Input Voltage	100-277VAC 50/60Hz		
Driver Brand	China Brand Driver (MU150H300AQ_CP ; L/N-PE: 10KV L-N: 10KV)		
PF	>0.9		
Waterproof Rating	WET (IP66)		
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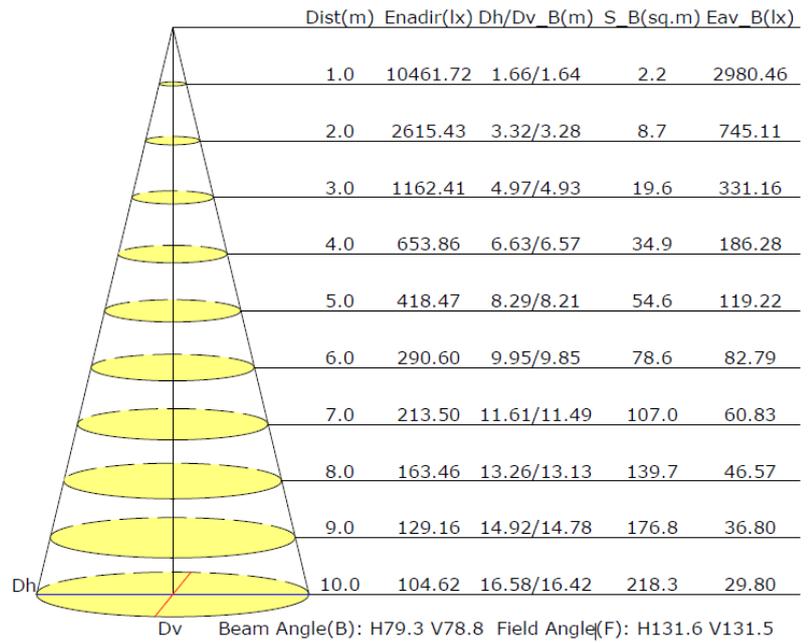
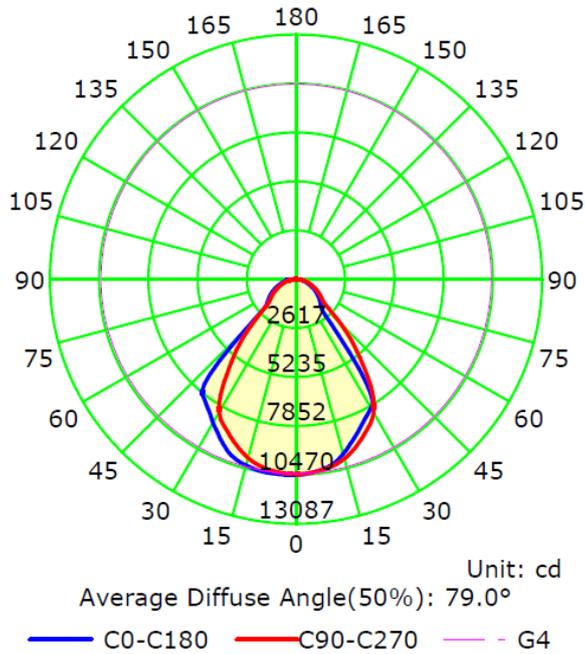
Materials

LED Brand	Bridgelux
LED Type	SMD 3030 (1.0W)
LED QTY	288 PCS (120W)
Housing	Aluminum
Housing color	Yellow / Gray

Others

Operating Temperature	-40°C TO 65°C
Operating Humidity	10%-90% RH
Storage Temperature	-40°C TO 80°C
Storage Humidity	10%-95%
Application	Indoor/Outdoor
Safety Certification	UL/cUL
Warranty Time	5 Years

Light Distribution Testing Parameters



Mounting Options



CM-side surface mount



PM-Installation mode of road lamp pole



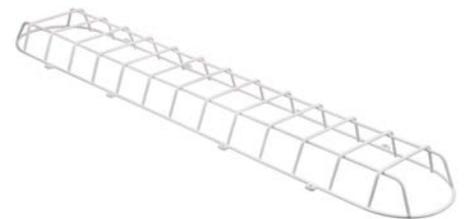
FM-shape buckle



HM-Hchain mount



cable mount



WG-wire guard

Package

Lamp Net Weight: KG / PC

	Size	Qty / Carton	Net weight	Gross Weight / Carton
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