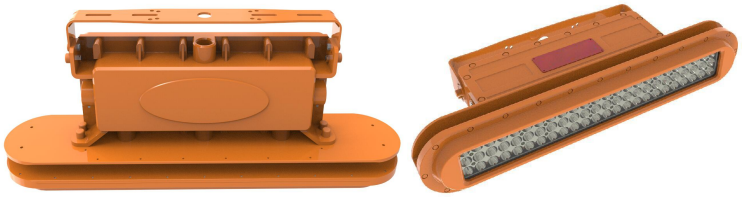
GREENTEK
ENERGY SYSTEMS

TECHNICAL DATA SHEET



c UL us
LISTED

NAME: Hazardous Location LED Linear Light

P/N: GT-EP-S1-40WXYZD1-abcd

Note:

1.Where "X" stands for LED manufactory, can be C.

2.Where "Y" stands for Diffuser type, can be "S1" to "S10", represents different Diffuser light angle and with flat

3.clear glass, or "CG" represents flat clear glass only.

4.Where "Z" can be "S" or blank, represents “with Wire Guard” or “without Wire Guard”.

5.Where "a" can be any two letters to represent color of luminaire.

6.Where "b" can be "FM", "CM", "TM" ,"PM" ,"HM" represent mounting type.

7.Where "c" can be "NPT" for 3/4” NPT threaded pipe connection

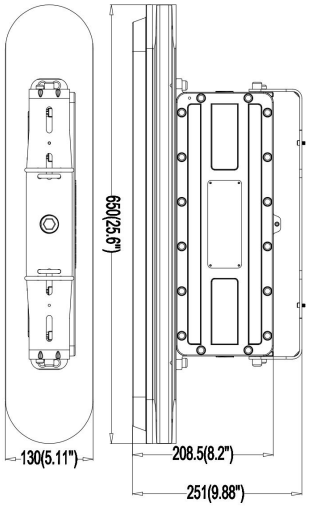
8.Where "d" can be 27, 30, 40, 50, 57, 65 to represent CCT.

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 D2 GrpsA,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	GT-EP-S1-40WXYZD1-abcd
Dimension	650*130*208.5 mm 25.6”*5.11”*8.2”

Technical Characteristic

Color temperature	3000 - 6500K		
CRI	>70		
Cover	Diffuser+ clear glass		
Lumen	5000-5800LM		
Lumen Efficacy	140 LM/W (130-145 LM/W)	135 LM/W (125-135 LM/W)	140 LM/W (130-145 LM/W)
Viewing Angle	15°、35°	60°、80°	110*100°
Input Power	40W		
Input Voltage	100-277VAC 50/60Hz		
Driver Brand	China Brand Driver 10KV(SOSEN-SS-50VA-56BHL)		
PF	>0.9		
Waterproof Rating	WET (IP66)		
Explosion-proof Mark	North America： Class I ,Division 2,Groups A,B,C,D， T4A;		

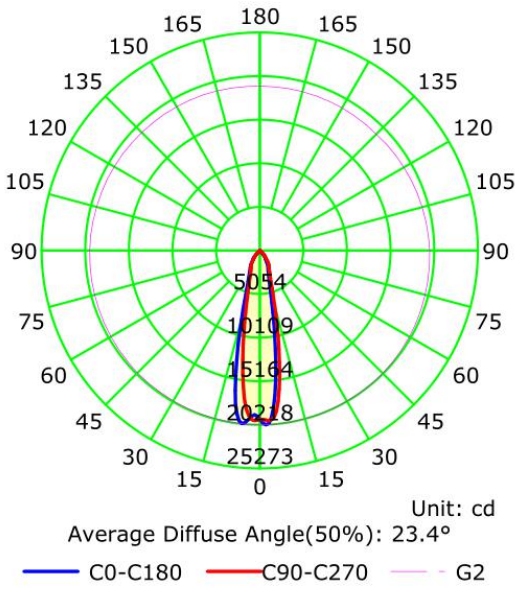
Materials

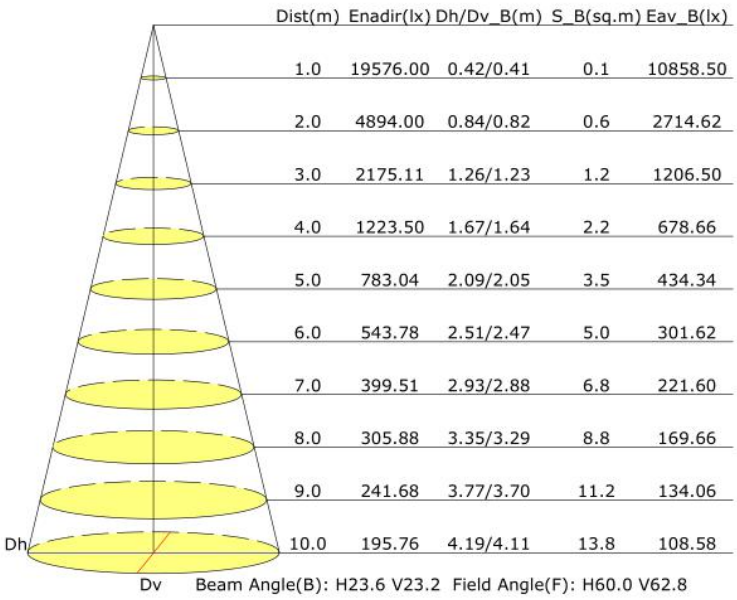
LED Brand	Seoul
LED Type	SMD 3030（1.0W）
LED QTY	144 PCS（40W）
Housing	Aluminum
Housing color	Yellow / Gray

Others

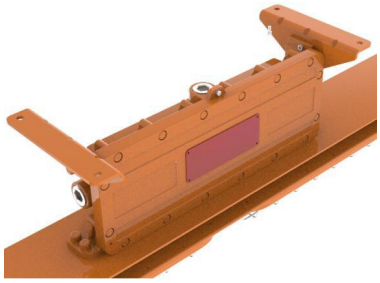
Operating Temperature	-40℃ TO 65℃
Operating Humidity	10％-90％ RH
Storage Temperature	-40℃ TO 80℃
Storage Humidity	10％-95％
Application	Indoor/Outdoor
Safety Certification	UL/cUL
Warranty Time	5 Years

Light Distribution Testing Parameters

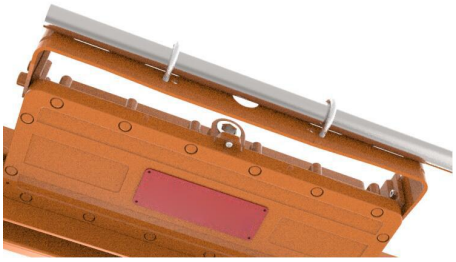




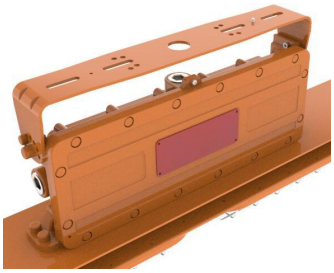
Mounting Options



side surface mount



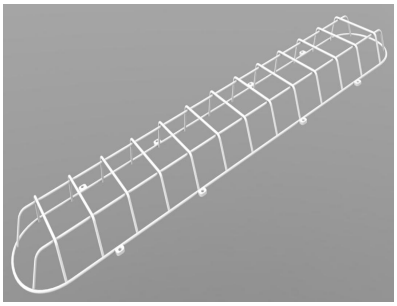
Installation mode of road lamp pole



U-shape buckle

chain mount

cable mount



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.