HYUNDAI
LIGHTING

PRODUCT DATASHEET

LAWN LIGHT
HYD-L01-C-10W 3000K

Application

- Courtyard
- Plaza
- Park
- Pedestrian street
- Meadow

Benefits

- energy saving and environmental protection
- Low power, high light efficiency
- IP65 is water and dust resistant to harsh environment
- Lawn lights decorate the outdoor space to enhance high outdoor comfort
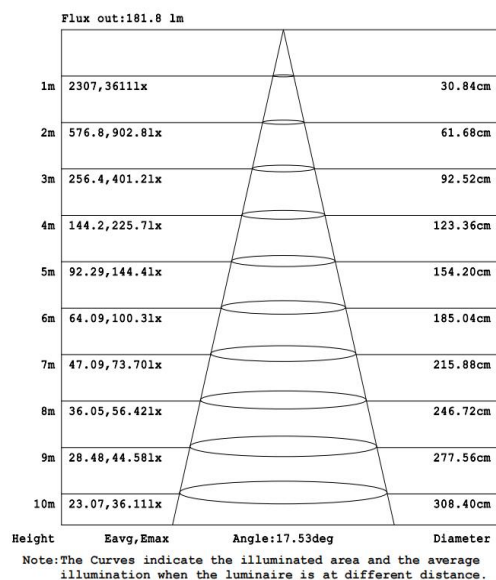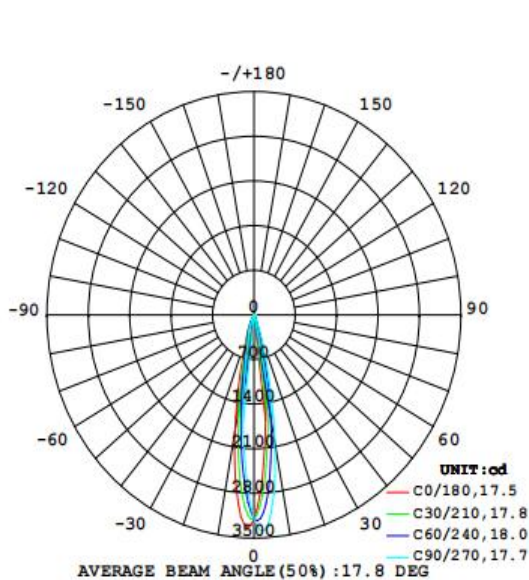
Features

- Seiko aluminum, rust and corrosion resistant
- The lighting facilities around the lawn are important landscape facilities, and the installation method is also simple
- High light transmission mask ensures uniform light and reduces the lighting environment in dark areas

Electrical Data

Nominal wattage (W)	**10W**
Nominal Voltage (V)	220-240V
Mains Frequency (Hz)	50
Nominal Current (mA)	78
LED Driver Current (mA)	250
LED Driver Voltage (VDC)	28-42
LED Driver Efficiency (%)	≥83%
Power Factor λ	0.55
Total harmonic distortion (%)	...
Operating mode	Built in

Photometrical data

Luminous flux ±10% (lm)	466 lm
Luminous efficacy	47 lm/w
Color temperature	**3000K**
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	≤5 SDCM
Luminous intensity/cd	3668
Flickering	Flicker free
Beam angle	18 °

UNIT:cd
C0/180,17.5
C30/210,17.8
C60/240,18.0
C90/270,17.7
AVERAGE BEAM ANGLE(50%) :17.8 DEG

Flux out:181.8 lm

Height	Eavg,Emax	Angle:17.53deg	Diameter
1m	2307,36111x		30.84cm
2m	576.8,902.81x		61.68cm
3m	256.4,401.21x		92.52cm
4m	144.2,225.71x		123.36cm
5m	92.29,144.41x		154.20cm
6m	64.09,100.31x		185.04cm
7m	47.09,73.701x		215.88cm
8m	36.05,56.421x		246.72cm
9m	28.48,44.581x		277.56cm
10m	23.07,36.111x		308.40cm

Note:The Curves indicate the illuminated area and the average
illumination when the luminaire is at different distance.

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Dimensions & Weight

Diameter (mm)/A&B	64*138
Height (mm)/C	310
Product weight (g)	...

L138mm

D64mm

H310mm
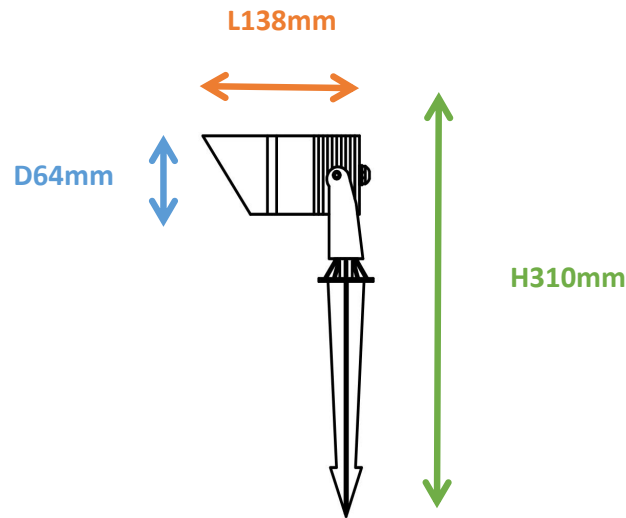
Material & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	Glass
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10°C~+40 °C
Temperature range at storage	-10°C~+40 °C
Type of connection	Screw terminal
Type of protection	IP65
Dimmable	No
Mounting type	Recessed
Mounting location	underground
Application environment	Outdoor
Cut size (mm)	No
LED module replaceable	Not replaceable
With light source	Yes

Certificates & Lifespan

Life (h)	30,000
Certificates	CB LVD EMC RoHS
Standards	ISO9001:2015

Logistical Data

Product code	Dimensions (L*W*H)	Pcs/ carton	G.W. kg	Volume CBM
HYD-L01-C-10W	48*48*24	20	...	0.05530

Installation Method

1. Verify the operating voltage of the lamp and turn off the power;
2. Reserve the ground outlet wire, prepare the waterproof connector (sugg-ested),fix the spike on the lamp body;
3. Connect the lamp body wire to the ground outlet wire(with the waterproof connector);
4. Insert the lamp into the ground,check whether it is firm,electrify test and complete installation.
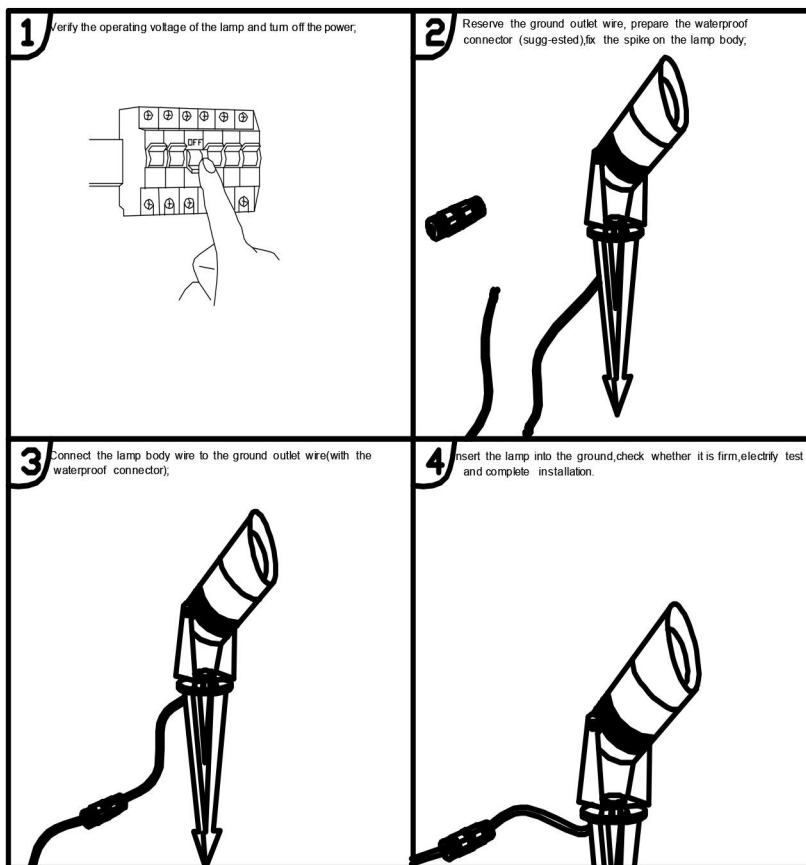
Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release