HYUNDAI
LIGHTING

PRODUCT DATASHEET

Five years warranty - Flood Light
HYD-407-25W 6500K

Application

• Stadium
• Park
• Large area workplace
• Packing lots
• Gymnasiums

Benefits

• Flicker free
• Lighting coverage area is wide
• Protection against water & dust, IP65
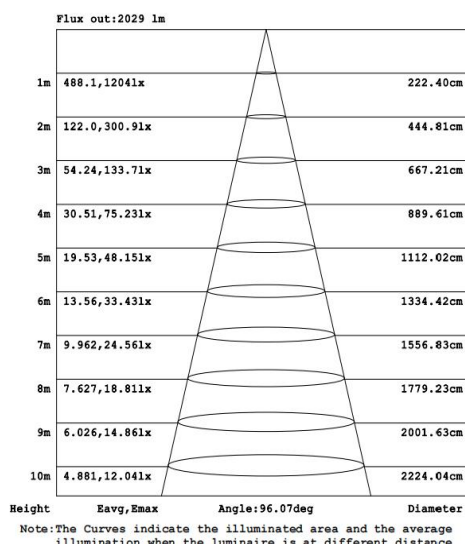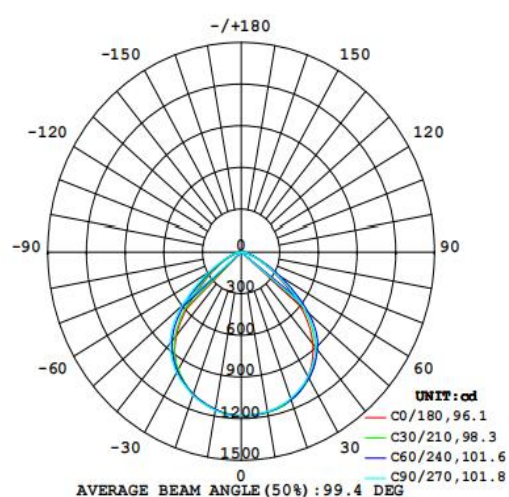• Adjustable support, any Angle, flexible adjustment of light direction

Features

• Warranty 5 years
• Highly transparent glass mask
• Easy and quick installation
• Thick aluminum lamp body, corrosion resistance, good heat dissipation, long service life

Electrical Data

Nominal wattage (W)	**25W**
Nominal Voltage (V)	220
Mains Frequency (Hz)	50
Nominal Current (mA)	136
Power Factor λ	0.93
Operating mode	DOB

Photometrical data

Luminous flux ±10% (lm)	2736 lm
Luminous efficacy	99 lm/w
Color temperature	**6500K**
Light color (designation)	Cold White
Color rendering index Ra	≥80
Standard deviation of color matching	≤5 SDCM
Luminous intensity/cd	1183
Flickering	Flicker free
Beam angle	100 °

UNIT:cd
C0/180,96.1
C30/210,98.3
C60/240,101.6
C90/270,101.8

AVERAGE BEAM ANGLE(50%):99.4 DEG

Flux out:2029 lm

Height	Eavg,Emax		Diameter
1m	488.1,1204lx		222.40cm
2m	122.0,300.9lx		444.81cm
3m	54.24,133.7lx		667.21cm
4m	30.51,75.23lx		889.61cm
5m	19.53,48.15lx		1112.02cm
6m	13.56,33.43lx		1334.42cm
7m	9.962,24.56lx		1556.83cm
8m	7.627,18.81lx		1779.23cm
9m	6.026,14.86lx		2001.63cm
10m	4.881,12.04lx	Angle:96.07deg	2224.04cm

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

IES

Dimensions & Weight

Diameter (mm)	169*145
Height (mm)	34
Product weight (g)	479

L169 mm

W&H 145&34 mm
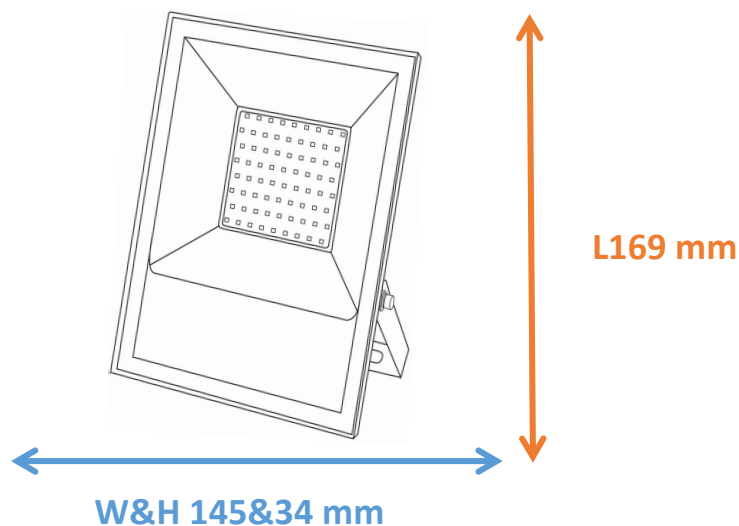
Material & Colors

Product color	Black housing and Green Frame
Housing color	Black
Body material	Aluminum
Cover material	Glass
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10-45 °C
Temperature range at storage	-25-60 °C
Type of connection	Screwless terminal
Type of protection	IP65
Dimmable	No
Mounting type	Put / Suspension
Mounting location	Underground / Wall / Ceiling
Application environment	Indoor / Outdoor
Cut size (mm)	No
LED module replaceable	Not replaceable
With light source	Yes

Certificates & Lifespan

Life (h)	50,000
Certificates	CB CE LVD EMC
Standards	ISO9001:2015

Logistical Data

Product code	Dimensions (L*W*H)	Pcs/ carton	G.W. kg	Volume CBM
HYD-407-25W	42*24.5*36.5 cm	20	...	0.03756

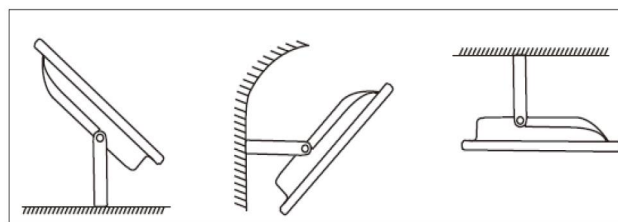This is the estimated data. Subject to the actual shipment.

Installation Method
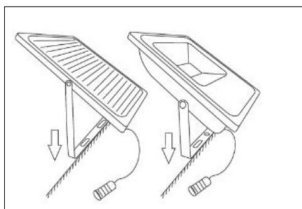
Fix the lamp and the solar panel with stainless steel screws.
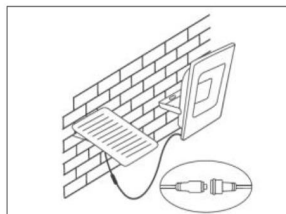
Make sure to connect the plug firmly.

Install the LED flood lights in the ground, wall, and ceiling

Disclaimer

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