HYUNDAI
LIGHTING

PRODUCT DATASHEET

Track Light
HYD-610-20W 3000K

Application

• Hotel
• Mall
• Supermarket
• Theater
• Shop

Benefits

• Flicker free
• Adjustable Angle, flexible light control
• Minimum Glare, more clear and comfortable
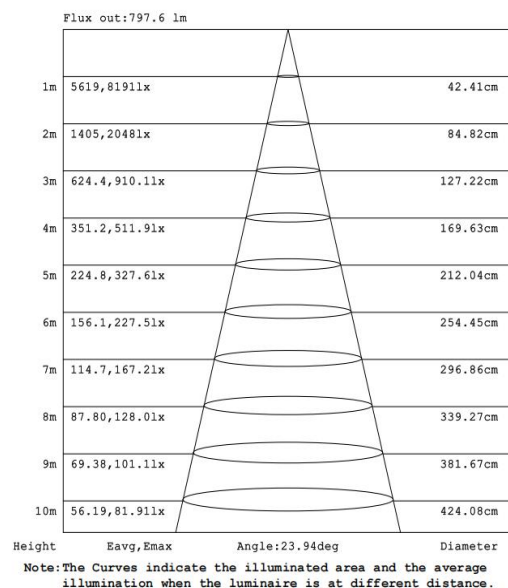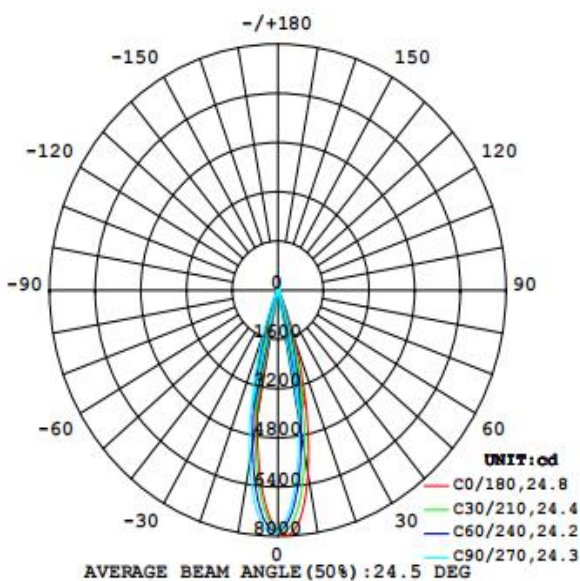• High color rendering index, restore the true color of the object, show its beauty

Features

• Warranty 2 years
• High efficiency lens design, resulting in a clear edge of the soft spot
• Good heat dissipation performance, protect the chip, extend the service life

Electrical Data

Nominal wattage (W)	**20W**
Nominal Voltage (V)	220-240 V
Mains Frequency (Hz)	50
Nominal Current (mA)	161
LED Driver Current (mA)	125mA±5%
LED Driver Voltage (Vdc)	162 Vdc
LED Driver Efficiency (%)	90%
Power Factor λ	0.5
Total harmonic distortion (%)	...
Operating mode	External LED driver

Photometrical data

Luminous flux ±10% (lm)	1646 lm
Luminous efficacy	81 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	7985
Flickering	Flicker free
Beam angle	25 °

AVERAGE BEAM ANGLE (50%) :24.5 DEG

C0/180,24.8
C30/210,24.4
C60/240,24.2
C90/270,24.3
UNIT:cd

Flux out:797.6 lm

Height	Eavg,Emax		Diameter
1m	5619,81911x		42.41cm
2m	1405,20481x		84.82cm
3m	624.4,910.11x		127.22cm
4m	351.2,511.91x		169.63cm
5m	224.8,327.61x		212.04cm
6m	156.1,227.51x		254.45cm
7m	114.7,167.21x		296.86cm
8m	87.80,128.01x		339.27cm
9m	69.38,101.11x		381.67cm
10m	56.19,81.911x		424.08cm

Angle:23.94deg

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

3000K

Dimensions & Weight

Diameter (mm)	65
Height (mm)	150
Product weight (g)	...

H150 mm

D65 mm
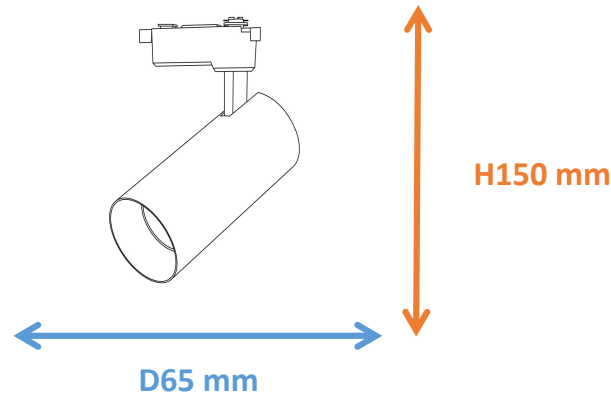
Material & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	PC
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	Screwless terminal
Type of protection	IP20
Dimmable	No
Mounting type	Track mounted
Mounting location	Ceiling
Application environment	Indoor
Cut size (mm)	No
LED module replaceable	Not replaceable
With light source	Yes

Certificates & Lifespan

Life (h)	20,000
Certificates	CB LVD EMC RoHS
Standards	ISO9001:2015

Logistical Data

Product code	Dimensions (L*W*H)	Pcs/ carton	G.W. kg	Volume CBM
HYD-610-20W	36*32.5*43.5 cm	30	...	0.05090

Installation Method
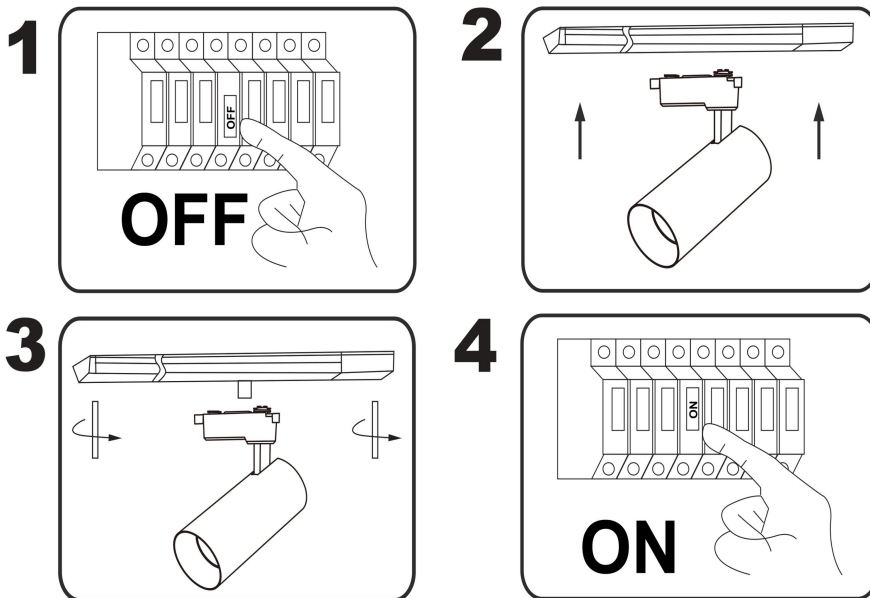
Disclaimer

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