HYUNDAI
LIGHTING

PRODUCT DATASHEET

LINEAR LIGHT | HYD-T17-50W Ra>80 SDCM<5

High quality chip,low consumption and high brightness,precision aluminum,after many process,not easy to deformation

HYD-T17-50W

Areas of application

-Linear design for decorative lighting

-Office lighting, Commercial lighting, Home lighting

-Applicable scene: Office, Shopping mall, Corridor, Clothing store, Meeting room

Product benefits

-Linear lamp body to achieve geometric design, free splicing, decorating space
-It can be installed in various ways, such as ceiling, hoisting and embedding, to achieve rich light and shadow space design
-High light transmission PC lamp shade, luminous uniform bright, irradiation area is wide

Product features

-Warranty 5 years
-High quality LED chip, no stroboscopic, high light efficiency, energy saving
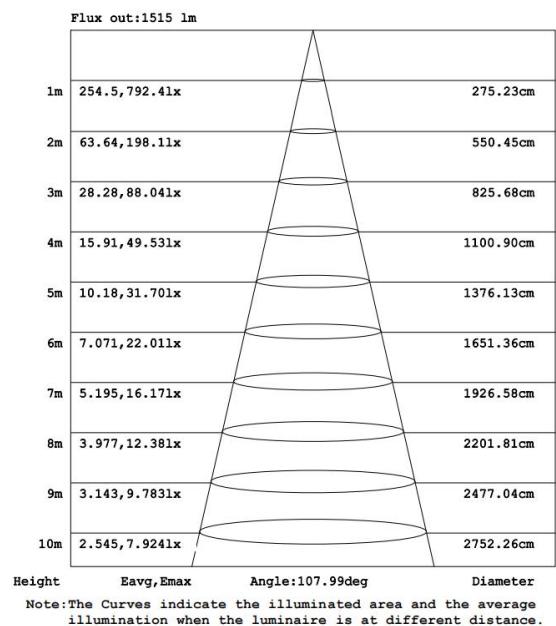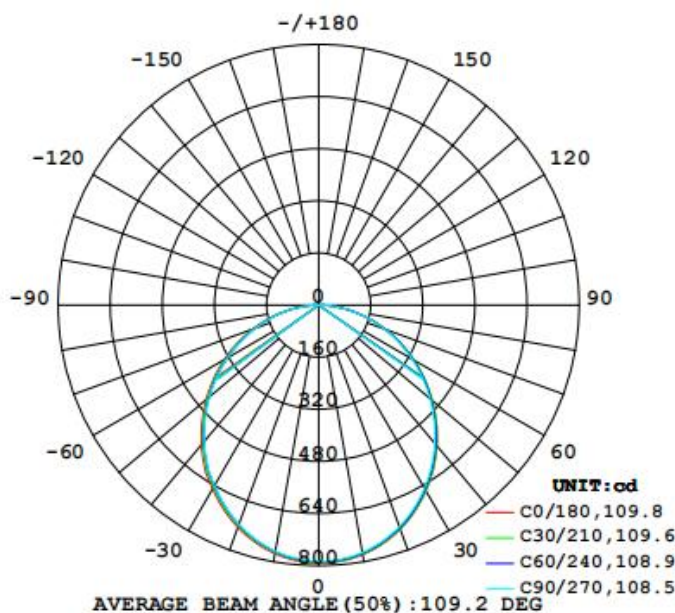-Aluminum process, strong texture, wear resistance, corrosion resistance

TECHNICAL DATA

Electrical data

Nominal wattage	50 W
Nominal voltage	220-240 V
Mains frequency	50/60 Hz
Power factor λ	0.9
Protection class	II
Operating made	Built in

Photometrical data

Luminous flux	2430	2700	3000
Luminous efficacy	48.6	54	60
Color temperature	3000K	4000K	6000K
Light color (designation)	Warm / Natural / Cold white		
Color rendering index Ra	Ra>80		
Standard deviation of color matching	<5 SDCM		
Luminous intensity/cd	793		
Low flicker	No		
Beam angle	109°		
UGR	<19		

T17-50W-IES

UNIT:cd
C0/180,109.8
C30/210,109.6
C60/240,108.9
C90/270,108.5

AVERAGE BEAM ANGLE (50%) : 109.2 DEG

Flux out:1515 lm

Height	Eavg,Emax	Angle:107.99deg	Diameter
1m	254.5,792.4lx		275.23cm
2m	63.64,198.1lx		550.45cm
3m	28.28,88.04lx		825.68cm
4m	15.91,49.53lx		1100.90cm
5m	10.18,31.70lx		1376.13cm
6m	7.071,22.01lx		1651.36cm
7m	5.195,16.17lx		1926.58cm
8m	3.977,12.38lx		2201.81cm
9m	3.143,9.783lx		2477.04cm
10m	2.545,7.924lx		2752.26cm

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

Dimensions & Weight D

Diameter	1200×50mm
Height	70 mm
Product weight	-
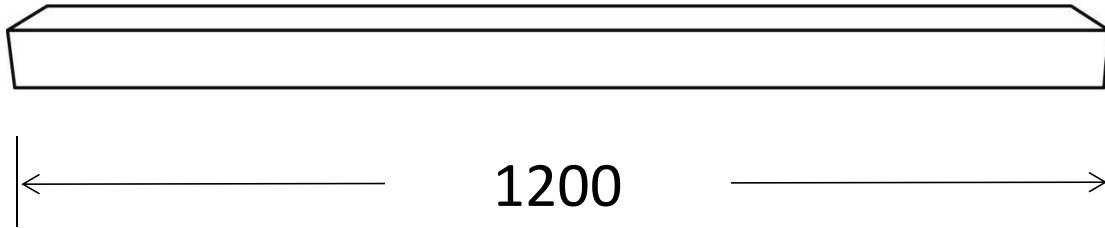
Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	Polycarbonate(PC)
Light emitting surface material	Polycarbonate(PC)
Mercury content	0.0mg

Application & Mounting

Ambient temperature range	-20 - +45°C
Temperature range at storage	-25 - +60°C
Type of connection	Screwless terminal
Type of protection	IP20
Protection class IK (shock resistance)	-
Dimmable	No
Mounting type	Suspension/Surface mounted
Mounting location	Ceiling
Application environment	Indoor
Mounting diameter	1200×50×70 mm
Mounting depth	-
LED module replaceable	No
With light source	Yes

Installation & Method
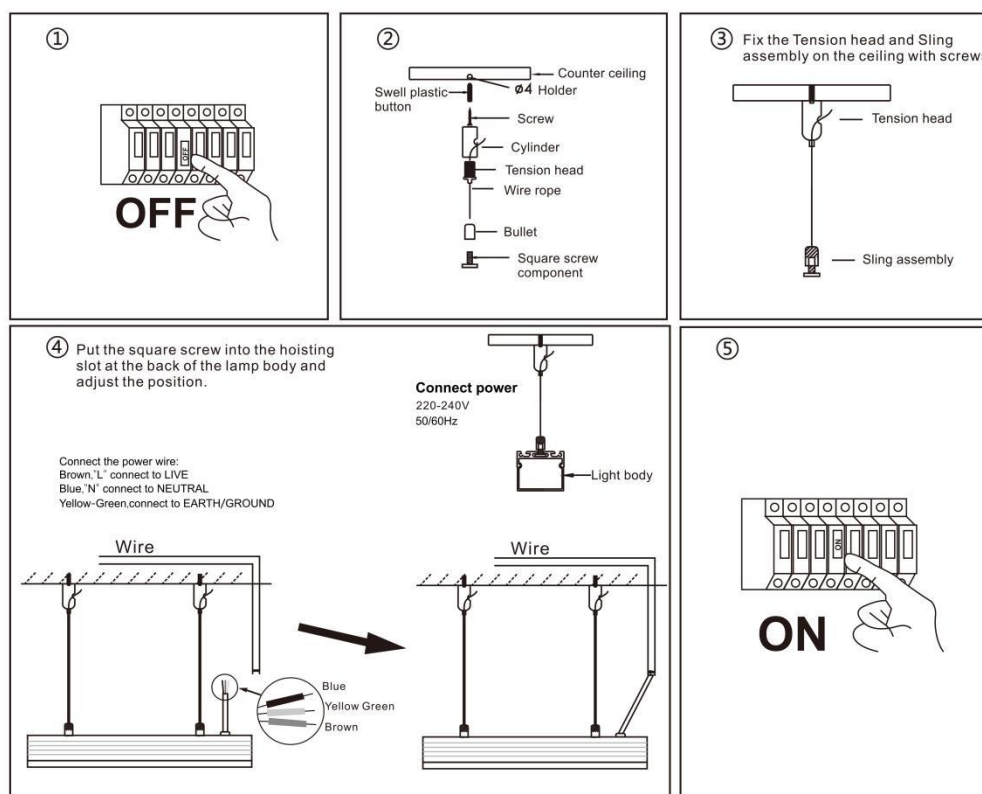
Lifespan

Life time	> 50,000 h
Warranty	5 years

Certificates & Standards

Standards	EMC(CE)	EN IEC 55015:2019 +A11:2020 EN IEC 61000-3-2:2019 +A1:2021 EN 61000-3-3+A1:2019+A2:2021 EN61547:2009
Lamp test report	LVD	IEC 60598-2-1:2020 IEC 60598-1:2020 IEC 60598-2-1:2021 IEC 60598-1:2021+A11:2022
	RoHS	2011/65/EU (EU)2015/863

DISCLAIMER

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