HYUNDAI LIGHTING

PRODUCT DATASHEET

LED Bulb-Short lampshade
HYD-AT100-20W 6500K

Application

• Warehouse
• Factory
• Indoor stadium
• Restaurant
• Supermarket

Benefits

• Flicker free.
• The light is soft and bright
• Energy saving, high light
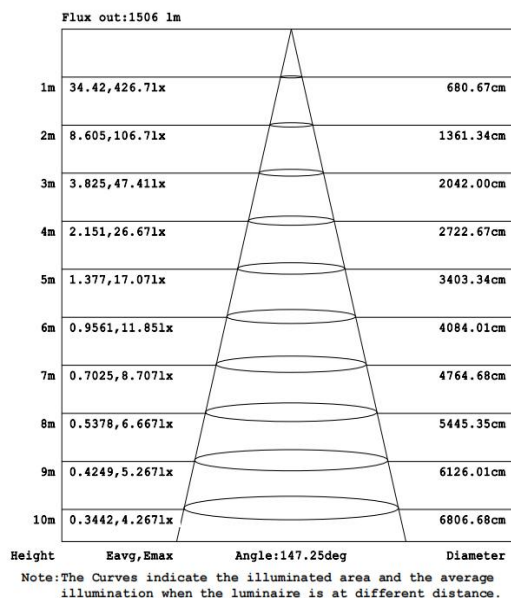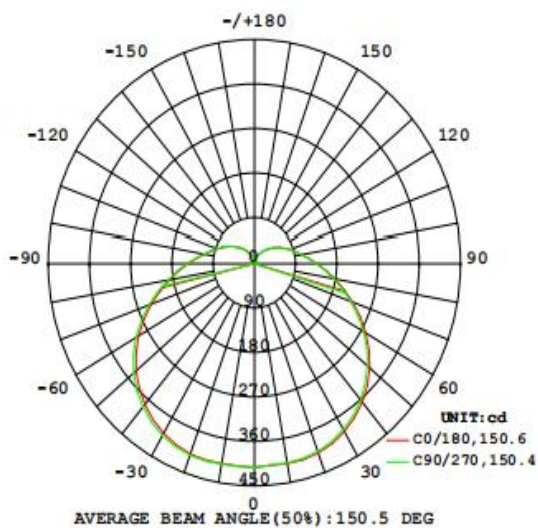• Wide irradiation area, reduce the dark area of space

Features

• Efficient and durable
• Easy and quick installation
• International standard E27 screw design, good electrical conductivity
• High quality PC lamp shade, high light transmission, bright light

Electrical Data

Nominal wattage (W)	20 W
Nominal Voltage (V)	220-240 V
Mains Frequency (Hz)	50/60 Hz
Nominal Current (mA)	170 mA
Power Factor λ	0.5
Operating mode	DOB

Photometrical data

Luminous flux ±10% (lm)	2220 lm
Luminous efficacy	116 lm/W
Color temperature	6500 K
Light color (designation)	Cold White
Color rendering index Ra	≥80
Standard deviation of color matching	≤5 SDCM
Luminous intensity/cd	414 cd
Flickering	Flicker free
Beam angle	151 °

UNIT:cd
C0/180,150.6
C90/270,150.4

AVERAGE BEAM ANGLE(50%):150.5 DEG

Flux out:1506 lm

Height	Eavg,Emax		Angle:147.25deg	Diameter
1m	34.42,426.71x			680.67cm
2m	8.605,106.71x			1361.34cm
3m	3.825,47.411x			2042.00cm
4m	2.151,26.671x			2722.67cm
5m	1.377,17.071x			3403.34cm
6m	0.9561,11.851x			4084.01cm
7m	0.7025,8.7071x			4764.68cm
8m	0.5378,6.6671x			5445.35cm
9m	0.4249,5.2671x			6126.01cm
10m	0.3442,4.2671x			6806.68cm

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

IES

Dimensions & Weight

Diameter (mm)	100
Height (mm)	152
Product weight (g)	97

D100 mm

H152 mm
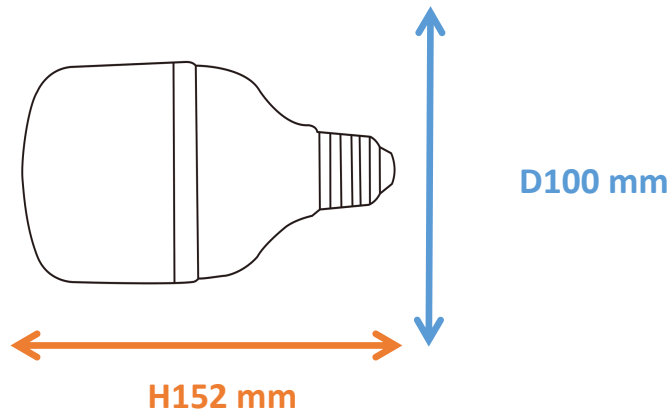
Material & Colors

Product color	All White
Housing color	White
Body material	PC
Cover material	PC
Mercury content	0.0 mg

Application & Mounting

| Ambient temperature range	-20°C~+45 °C
Temperature range at storage	-25°C~+60 °C
Type of connection	Screwless terminal
Type of protection	IP20
Dimmable	No
Mounting type	Twist into E27 lamp holder
Mounting location	Ceiling
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

Certificates & Lifespan

Life (h)	15,000
Certificates	CB LVD EMC RoHS
Standards	ISO9001:2015

Logistical Data

Product code	Dimensions (L*W*H)	Pcs/ carton	G.W. kg	Volume CBM
HYD-AT100-20W	...	...	...	...

Installation Method
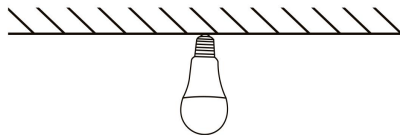
Screw mounting

Disclaimer

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