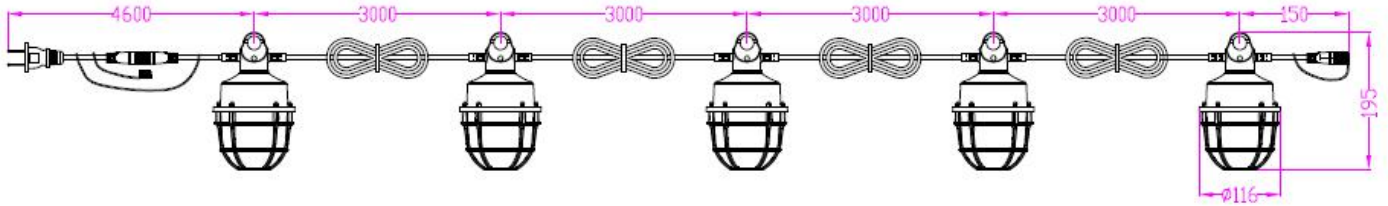


LED WORK LIGHT



NAME: LED Work Light

P/N: GT-TW03-aC20WdKXYMNbc

- Note:
1. GT= Company name;
 2. CHB03 = Product series;
 3. a=connected individual lamp quantity for each string, can be two or three numbers;
 4. 20W = Rating Power;
 5. X=LED manufactory which can be any letter;
 6. Y=diffuser types which "F" =frosted type or "c" =clear type;
 7. C1 = Version number;
 8. b=The length of units cord, can be "01" to "10" ;
 9. c=wire mesh type which "M"=metal type or "P"=Plastic type;
 10. d=any two numbers. represent CCT.
 11. M=Cord sets, Can be 18AWG/16AWG/14AWG;
 12. N=Max. Qty of interconnected individual lamp;

Advantage:

- ETL & cETL certificate
- IP65 Waterproof Rating
- Input voltage 120V AC
- 2*18AWG/16AWG/14AWG Plug wire
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Instant start, NO humming
- Green and eco-friendly without mercury

Application:

- Subway construction,
- factory/residential renovation,
- dock and so on.

LED WORK LIGHT

Product Specifications

Product name	LED Work Light
Part No	GT-TW03-aC20WdKXYMNbc
Dimension(single lamp)	Φ116*H195 MM

Technical Characteristic

Color temperature	2700-6500K
CRI	>80
Cover	Frosted
Lumen	5x(2200-2500)LM
Lumen Efficacy	110-125LM/W
Input Power	5x20W
Viewing Angle	160 degree
Input Voltage	AC120V 60Hz
PF	>0.9
Waterproof Rating	IP65

Materials

LED Brand	Lumileds /SAMSUNG
LED Type	SMD2835
LED QTY	5x66 PCS
Housing	PC + AL
Housing color	White + orange

Others

Operating Temperature	-20℃ TO 45℃	
Operating Humidity	20%-70% RH	
Storage Temperature	-30℃ TO 80℃	
Storage Humidity	10%-75% RH	
Application	Indoor / Outdoor	
Safety Certification	ETL cETL	
Warranty Time	5 Years	
Interconnected individual lamp quantity(Max.QTY)	18AWG	48PCS
	16AWG	60PCS
	14AWG	72PCS

Light Distribution Testing Parameters

Note: test data comes from single lamp (whole string 5pcs).

Luminaire Property

Luminaire Manufacturer:
Voltage: 121.2 V
Power: 20.45 W

Current: 0.173 A
Power Factor: 0.973

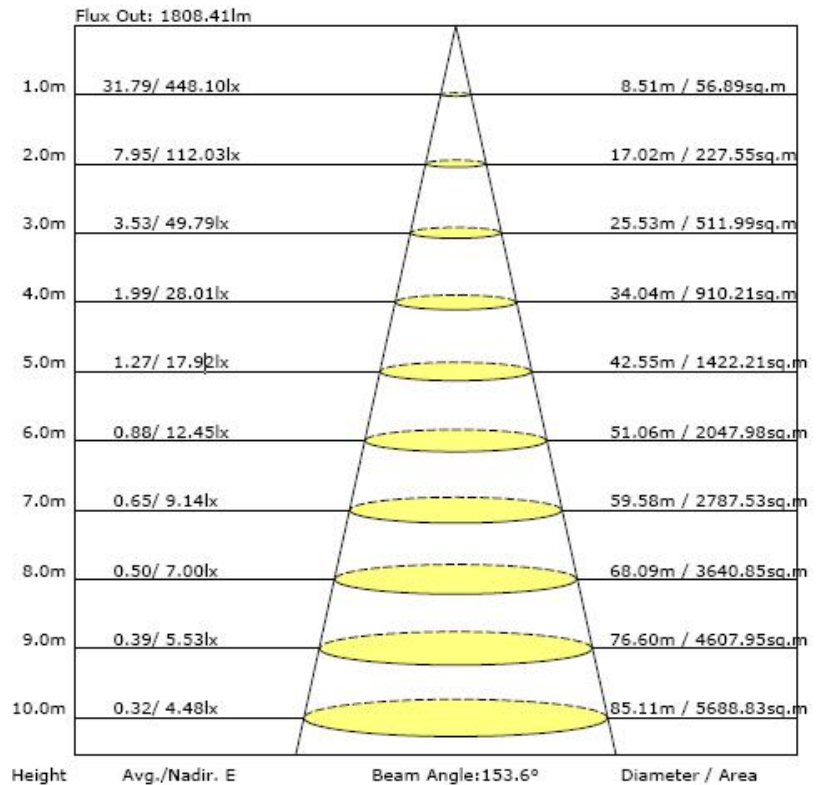
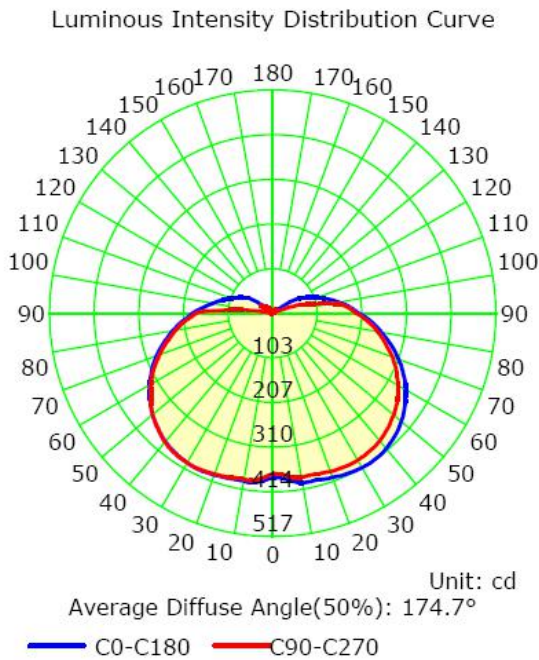
Photometric Results

CIE Class: Semi-Direct
Measurement Flux: 2466.1 lm
Downward Ratio: 82%
Horizontal Diffuse Angle(50%): H176
Vertical Diffuse Angle(50%): V175.1
Luminaire Efficacy Rating (LER): 120.64
Max. Intensity: 414.11 cd
S/MH(C0/C180): 1.60

Total Rated Lamp Lumens: 2466.1 lm
Efficiency: 100%
Upward Ratio: 18%

Central Intensity: 380.66 cd
Pos of Max. Intensity: H0 V32
S/MH(C90/C270): 1.59

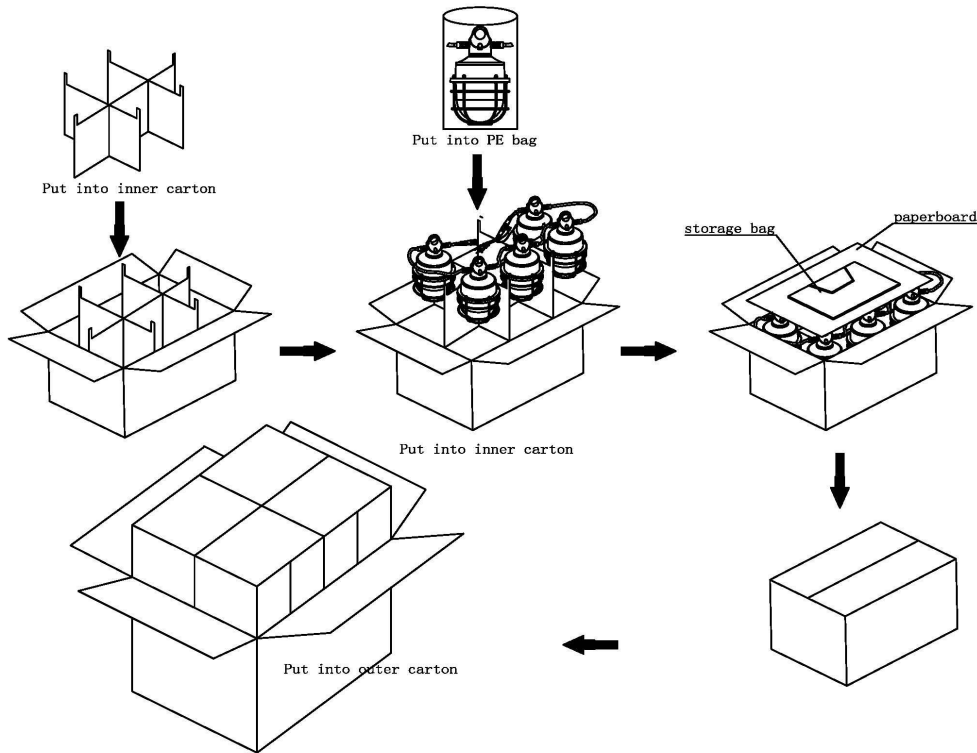
The Average Illuminance Effective Figure



LED WORK LIGHT

Package

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	365*245*250 MM	1 String	4.05 KG	4.35 KG
Outer box	520*510*385 MM	4 PCS	16.22 KG	18.8 KG



Notice For User

- ◆ Please turn off power before install or change assembly parts.
- ◆ The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- ◆ No-professionals, must not install and disassemble the lamps.

Trouble Shootings

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.