CirC Lighting

ETL LISTED c US
5005867

Introduction

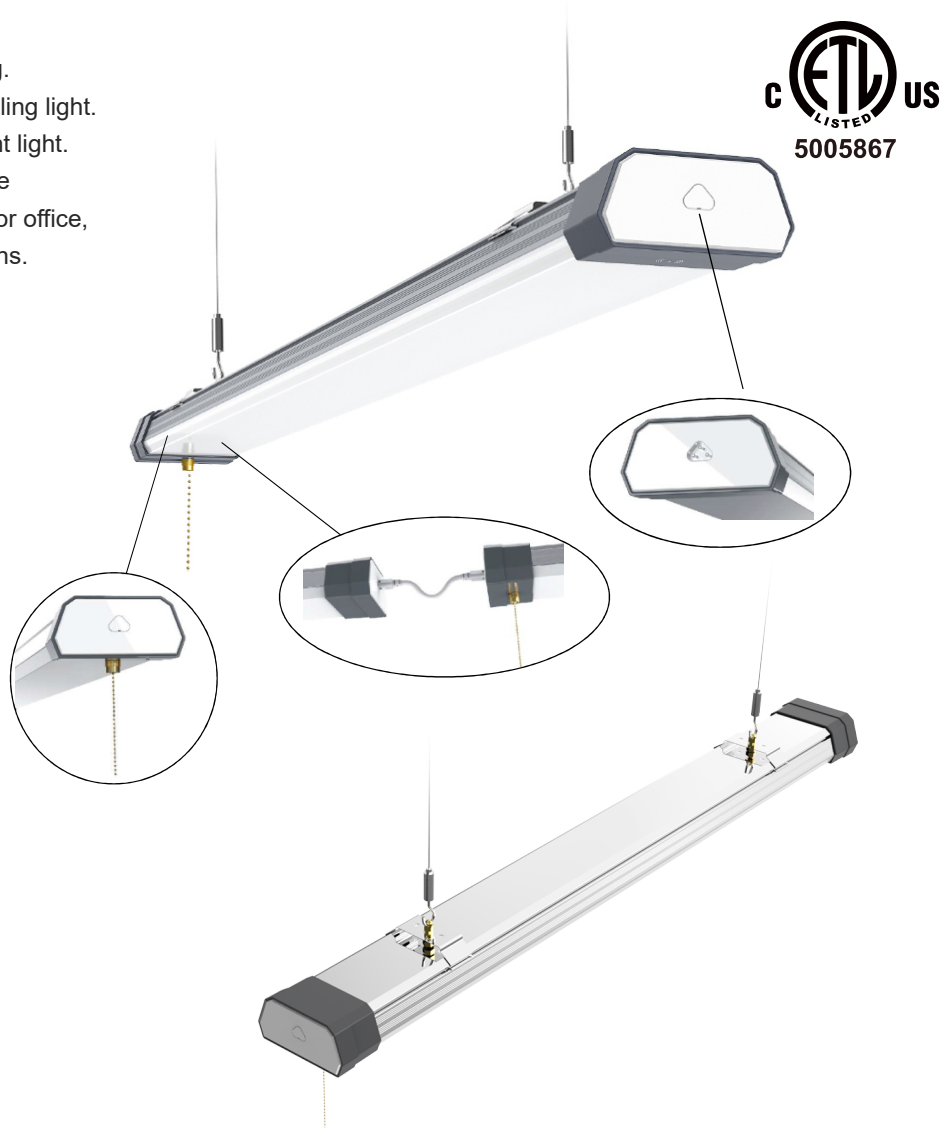LED Shop light 80W~120W design for indoor lighting.
Perfect replacement for traditional tubes,high bay,ceiling light.
Good for illuminating large work areas with consistent light.
Light efficiency more than 140LM/W.The 5000K white
color light makes works easy.The 4ft fixture is ideal for office,
industrial, hospital, warehouse and school applications.
LED Shop light is ETL safety certification approved,
5 years worry free maintenance.

Features

Built-in AC Linear Scheme Drive Power Supply
120V Input Voltage
ETL cETL approved
Equipped With Pull Switch/Radar Induction Switch
Beam Angle 120 Degree
PC Lens Protect LED Chips From Damp Location
Die-Casting Aluminum Heat Sink
6K High voltage surge test approved
SMD2835 130lm/w Led Chips
50,000hrs Lifespan
Top Brand Rubycon Capacitor
OEM Special Design Company Logo
No UV or IR Radiation
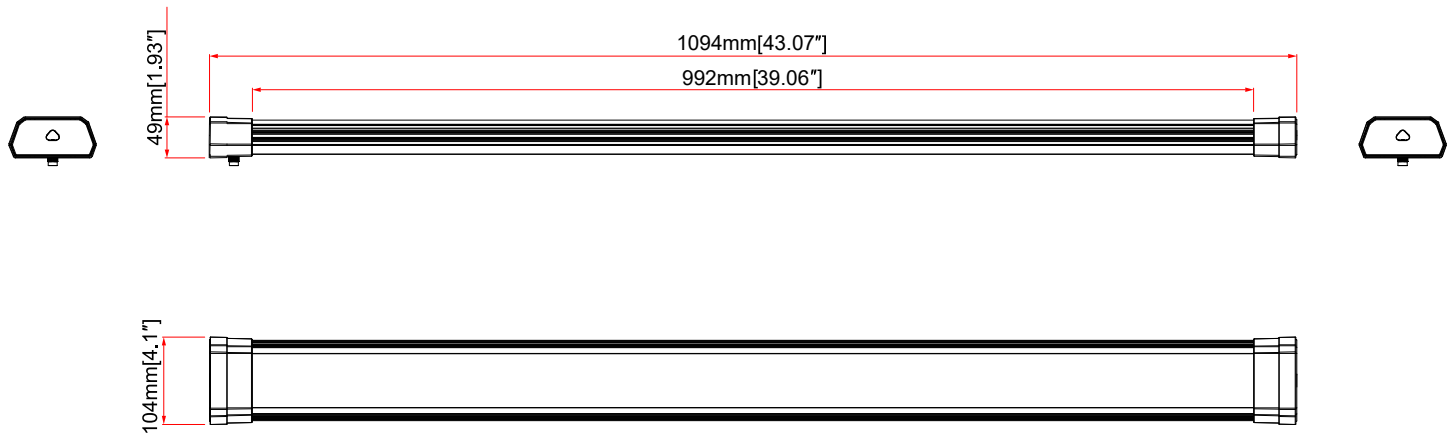No Magnetic Disturbance Driver Design

Applications

LED SHOP LIGHT series can be widely
used in Office Are,Warehouses, Factories and
workshops, etc.

Series	Lumens	Size(mm)	Beam Angle (Degree)	Electrical Data	LED Type	Color temperature	Color rendering index
NG-SL12-80W	10400 Lm	1100		Input Voltage 120VAC±10% 50~60Hz	SMD2835 chips	WW 3000 K	70 70 CRI
NG-SL12-100W	13000 Lm	1100	120 degree			NW 4000 K DW 5000 K	80 80 CRI
NG-SL12-120W	15600 Lm	1100		Power Factor(%) >90		CW 5700 K	90 80 CRI

Size Optional Specification : 0.6m/ 0.9m/1.5m
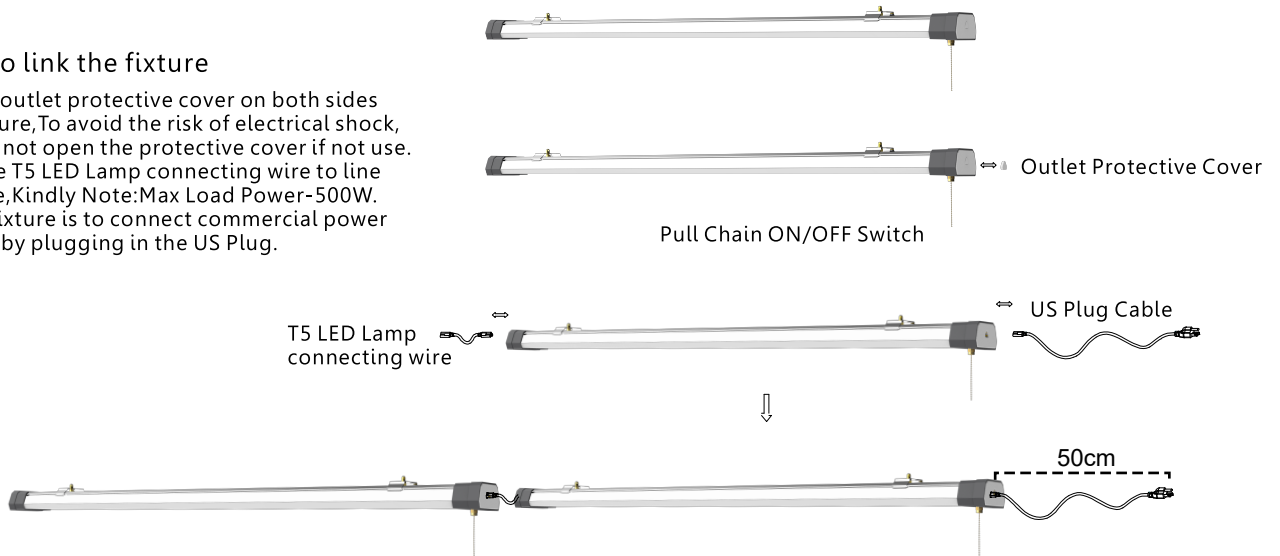
1094mm[43.07"]

992mm[39.06"]

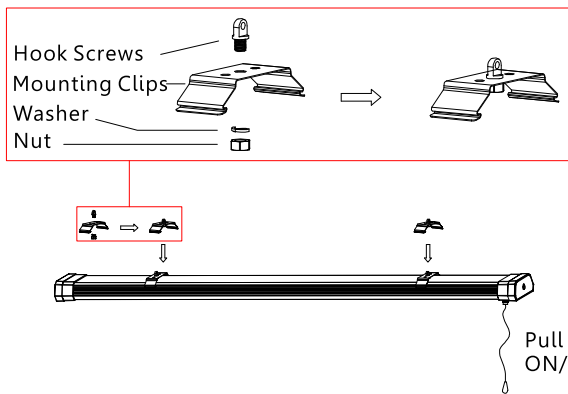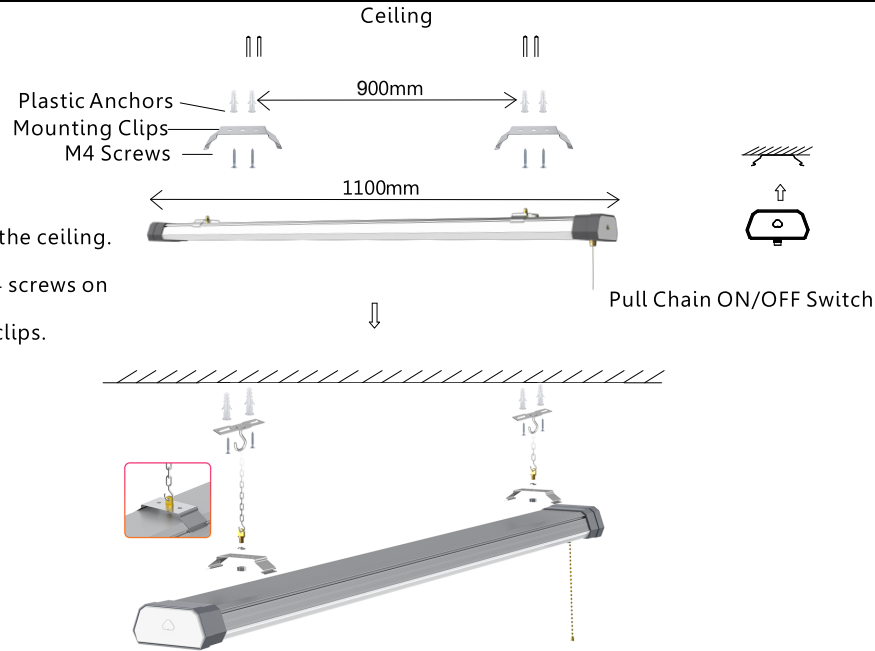49mm[1.93"]

104mm[4.1"]

80W-120W

INSTALLATION INSTRUCTIONS

Method to link the fixture

1. Open the outlet protective cover on both sides of the fixture, To avoid the risk of electrical shock, Please do not open the protective cover if not use.
2. Please use T5 LED Lamp connecting wire to line the fixture, Kindly Note:Max Load Power-500W.
3. The first fixture is to connect commercial power (AC120V) by plugging in the US Plug.

Outlet Protective Cover

Pull Chain ON/OFF Switch

T5 LED Lamp connecting wire

US Plug Cable

50cm

Circ Lighting

Ceiling

Plastic Anchors
Mounting Clips
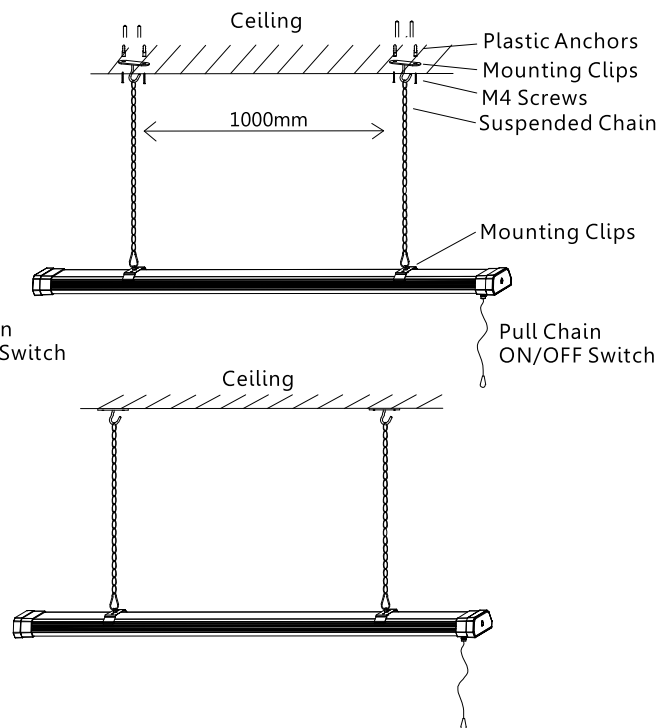M4 Screws

900mm

1100mm

Pull Chain ON/OFF Switch

Surface/Flush Mount

1. Drill 4 holes(diameter 6mm) into the ceiling.
2. Fix the anchor into holes.
3. Screw the mounting clips with M4 screws on the ceiling
4. Fix the shop light into mounting clips.

Hook Screws
Mounting Clips
Washer
Nut

Ceiling
Plastic Anchors
Mounting Clips
M4 Screws
Suspended Chain

1000mm

Mounting Clips

Pull Chain ON/OFF Switch

Pull Chain ON/OFF Switch

Ceiling

Suspended Mount

1. Install the hook screws,washers and nuts on the mounting clips.
2. Clip the mounting clips on both sides of the light tube.
3. Drill 4 holes(diameter 6mm) into the ceiling.
4. Fix the anchor into holes.
5. Fix the mounting clips with M4 screws on the ceiling.
6. Hang the clasp according to installation height you need.
7. Hook the other side of the suspend chain on the mounting clips.
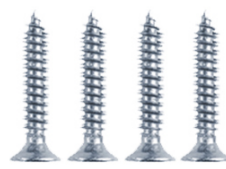
Circ
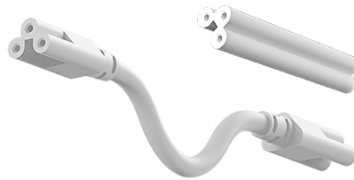Lighting

2X Buckles

2X Hook Screw Sets
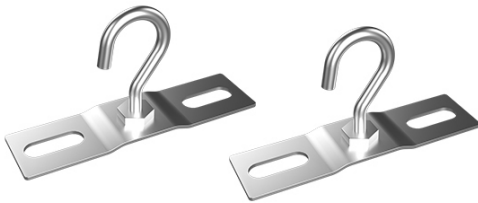
4X M4 Screws

4X Plastic Anchors

1X US Plug Cable(Length 1.8M)

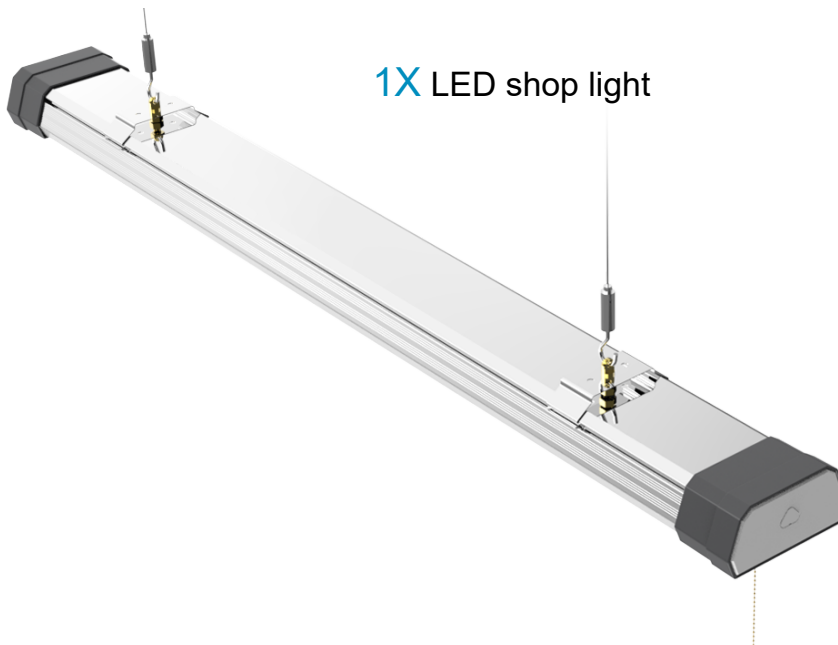**1X** Connector
1X T5 Linking Cord(Length 50cm)
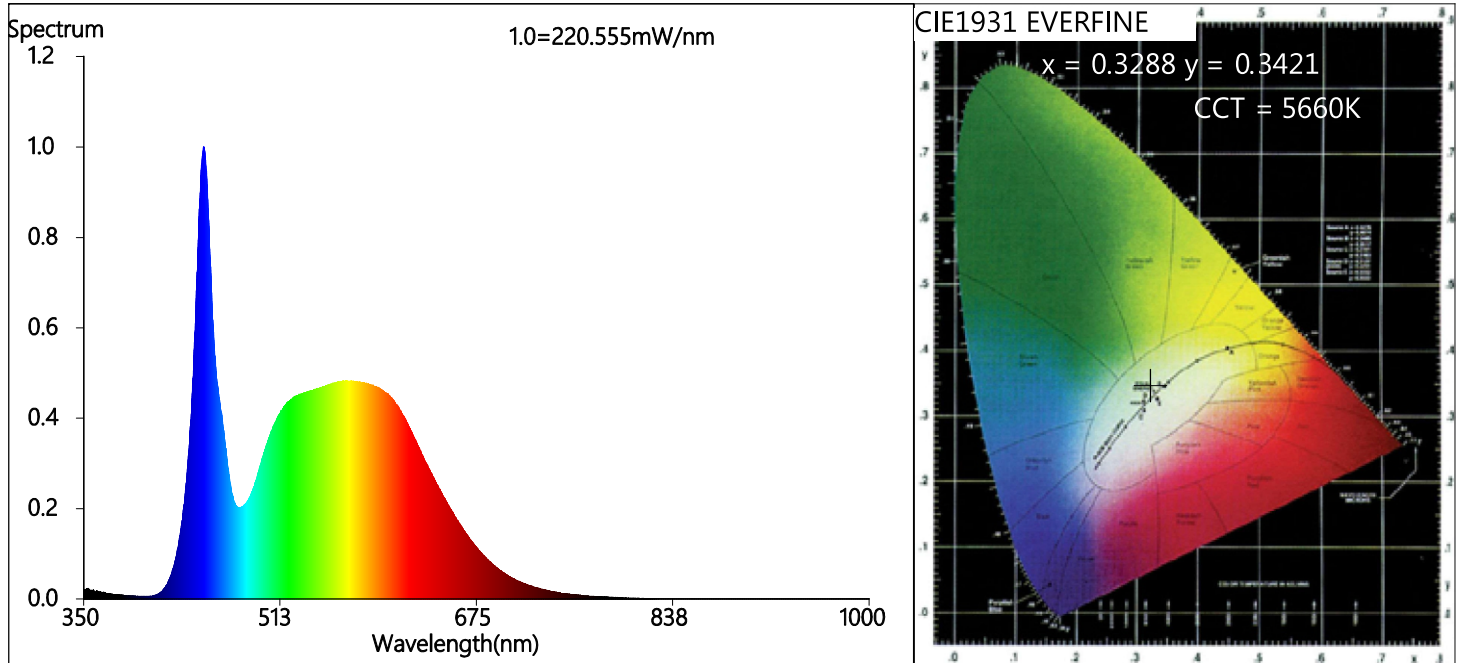
1X Mini Screwdriver

2X Mounting Clips

2X Suspended Chains(Length 1.2M)

1X LED shop light

LED SHOP LIGHT

80W LED SHOP LIGHT

Color Parameters :

Chromaticity Coordinate:x=0.3288 y=0.3421/u'=0.2040 v'=0.4775

CCT=5660K(Duv=0.0021) Dominant WL:Ld =520.3nm WL:Lc = --nm Purity=1.7%

Ratio:R=14.7% G=80.4% B=4.9%   Peak WL:Lp=449.4nm FWHM=19.2nm

Render Index:Ra=83.7   AvgR=77.0 TM30:Rf=84 Rg=96 Lav=546.2nm

Eff(PPF)=1.62201

R1 =83	R2 =87	R3 =90	R4 =85	R5 =84	R6 =83	R7 =88
R8 =71	R9 =12	R10=70	R11=85	R12=62	R13=84	R14=95	R15=78

Photo Parameters :

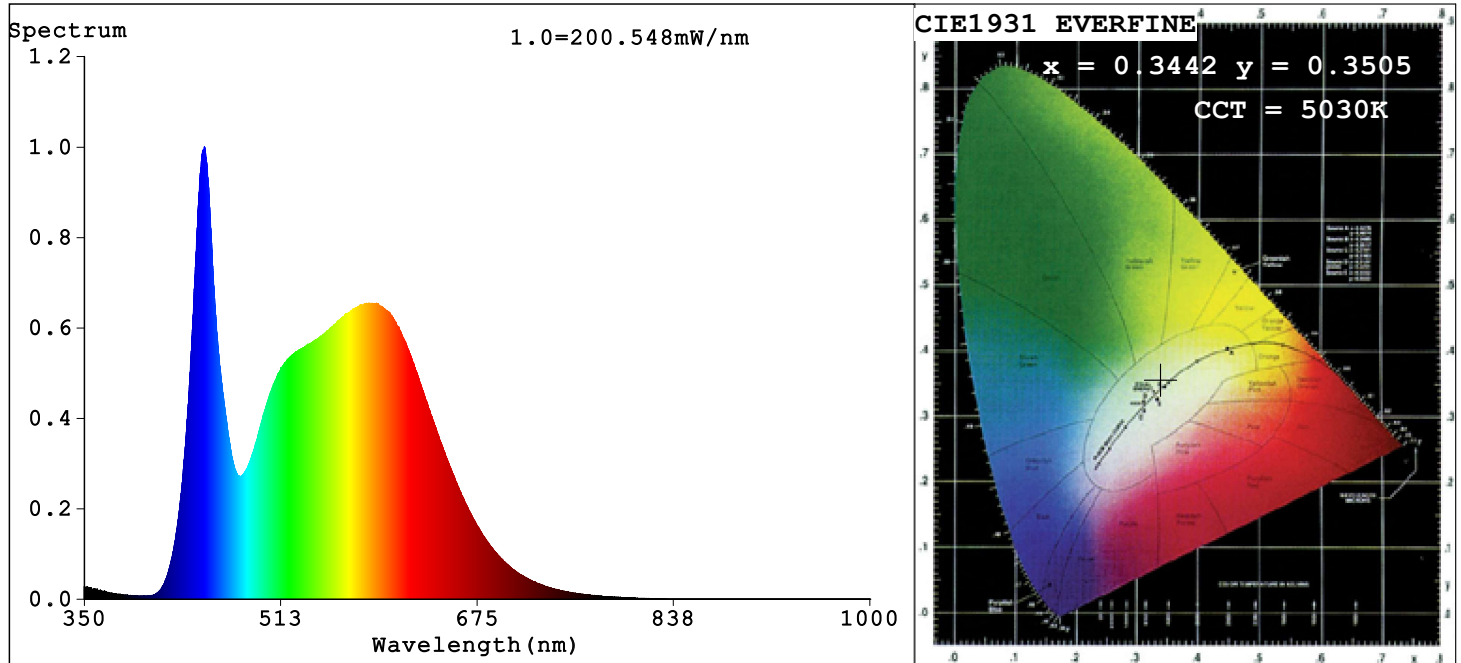Flux =10605.2 lm   Eff. :131.22lm/W Fe = 22.25 W

Photosynthetic:PPF:98.657umol/s PAR WATT:21765mW(400-700nm)

Electrical parameters :
V =119.80 V   I =0.6746 A   P = 80.82 W PF = 0.6817

LEVEL:OUT   WHITE:ANSI_5700K

100W LED SHOP LIGHT

Color Parameters:

Chromaticity Coordinate:x=0.3442   y=0.3505/u'=0.2113 v'=0.4840

CCT=5030K(Duv=-0.0002) Dominant WL:Ld =572.6nm WL:Lc = --nm Purity=8.4%

Ratio:R=16.0% G=79.3% B=4.6%   Peak WL:Lp=449.4nm   FWHM=25.2nm

Render Index:Ra=84.7   AvgR=78.7

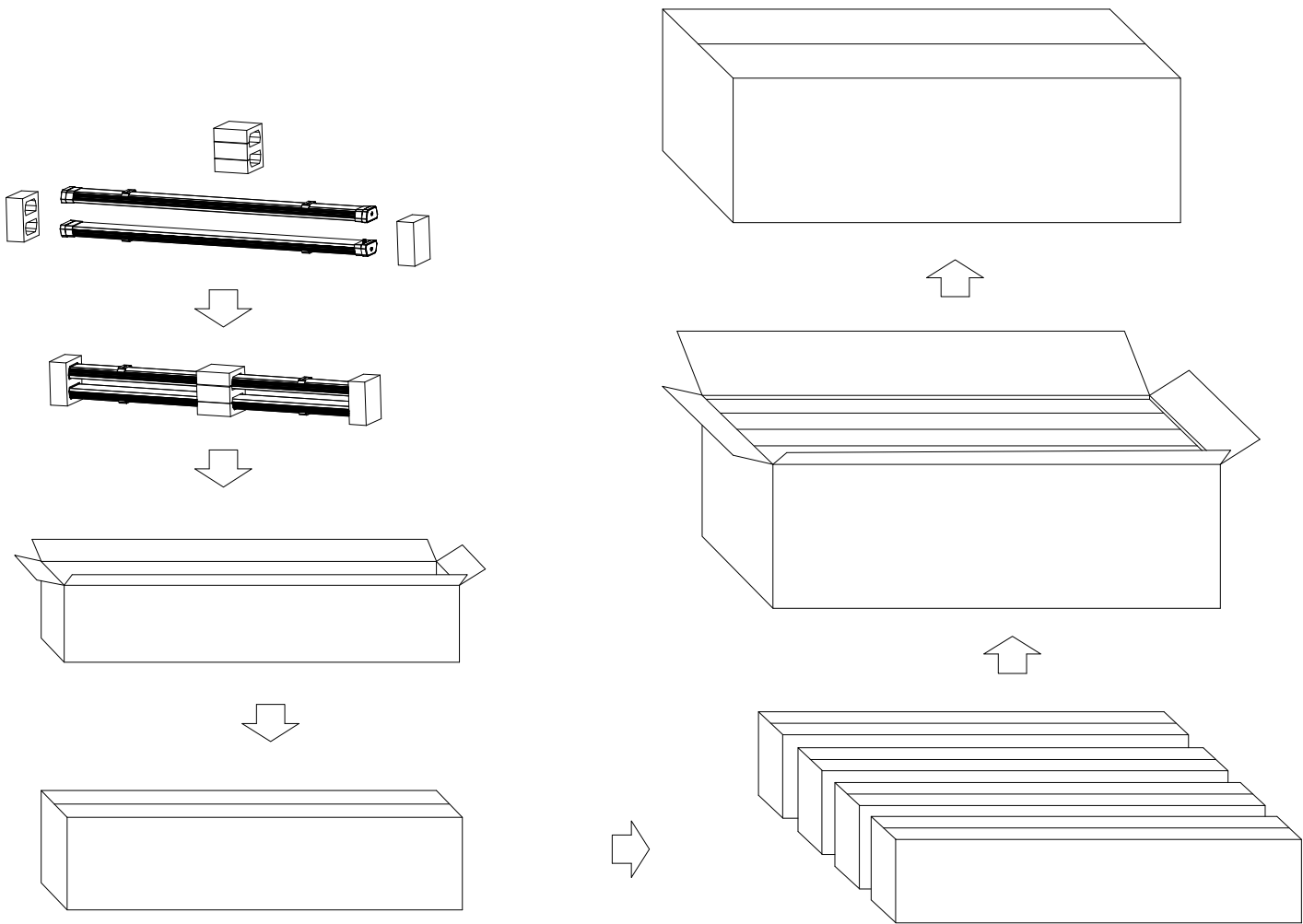| R1 =84	R2 =89	R3 =93	R4 =86	R5 =85	R6 =85	R7 =87	
R8 =69	R9 =14	R10=74	R11=86	R12=70	R13=85	R14=96	R15=78

Photo Parameters:

Flux = 12052.6 lm   Eff. : 130.2 lm/W Fe = 26.28 W

Electrical parameters:

V = 120.07 V   I = 1.006 A   P = 92.57 W PF = 0.7663

LEVEL:OUT   WHITE:ANSI_5000K

CIRC
Lighting

Power	Unit	Size	Grass weight	Volume
80W-120W	2PCS	1240X140X180mm	4.6Kg	0.023 m³
	8PCS	1260X310X390mm	19.5Kg	0.153 m³

LED SHOP LIGHT