KLBR100SB XX

Driver Info		LED Info	
Type:	Constant Current	Watts:	100W
120V:	Yes	Color Temp:	5000K
277V:	Yes	Color Accuracy:	70CRI
480V	N/A	L70 Lifespan:	50000
Input Watts:	100W	Lumens:	11500
Efficiency:	96%	Efficacy:	115LPW

<u>Application</u>: parking lots, roadways, pathways and general area lightings.

5-years warranty

Color: Bronze or White   Weight: 11.8lbs(5.35Kg)

Technical Specifications

Listings

ETL Listed

Suitable for wet locations.

DLC Listed

This product is on the Design Lights Consortium(DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

IESNA LM-79 &IESNA LM-80 Testing:

This product has been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy" Lighting Facts" label.

Electrical

Driver:

Constant Current, Class 2, 110-277Vac,50/60HZ, 0.95Amp@100Vac,Inventronics Brand.

THD:

<20%

Power Factor:

>0.95

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems, Requires separate 0-10V DC dimming circuit, Dims as low as 10%.

Photocell:

This product is equipped with a socket for photocell

Surge Protection:

6kV

LED Characteristics

Lifespan:

50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

LEDs:

Long-life,high-efficiency SMD3030, patent free.

Color Stability:

Comply with DLC's requirements.

Color Uniformity

CCT(Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting(SSL) Products, ANSI C78.377-2015.

Construction

IES Classification:

Type Ⅲ Distribution.
Optional of Type Ⅳ and Type Ⅴ by different Models.

Cold Weather Starting:

Minimum starting temperature is -40ºF(-40ºC)

Ambient Temperature

Suitable for use in 104ºF(40ºC) ambient Temperatures.

Housing:

Precision die-cast aluminum housing.

Lens:

Clear acrylic lens with integrated optics

Mounting:

Mounts to aquare poles, round poles or wall etc. by different type of adaptors.

IP Rating:

Wet Location.

Gaskets:

High Temperature silicone gaskets.

Finish:

Formulated for high-durability and long lasting color.

Green Technology:

Mercury and UV free RoHS compliant components Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Other

5 Yr Limited Warranty:

Fixture operation and paint finish are covered for a period of 5 years.

Accessories options:

Photocell
Shorting cap
Mounting adaptors type A/G/C/H

KLBR100SB XX

Order Information

KL	–	BR	Wattage	–	SB	–	Color	–	CCT	Voltage	–	P/N

BL — PKL

Wattage: 100W / 150W / 200W / 240W / 300W

SB: SB

Color: White / Bronze

CCT: **40K**: 4000K / **50K**: 5000K

Voltage: High voltage (HV) / Regular

P/N: **P**: W/ Photocell Socket / **N**: W/O Photocell Socket

KL	–	BR	–		–		–		–		–		–	

Accessories

Photocell Options:

Photocell

Shorting Cap

Mounting Adaptor Options:
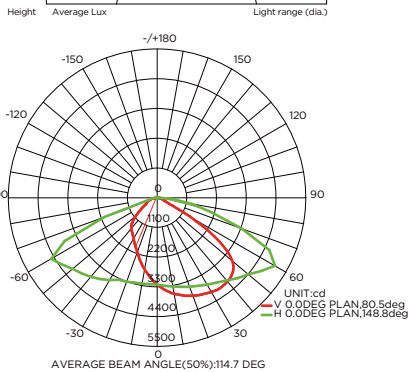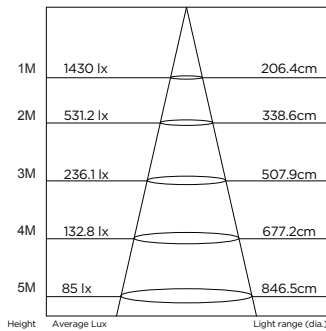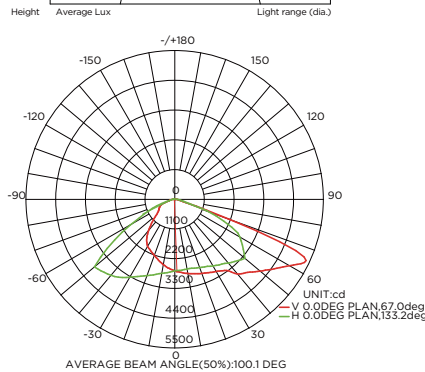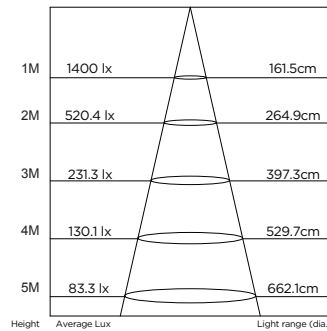
Type A:Slip Fitter
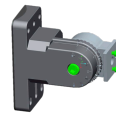
Type G:Square Pole Mount

Type C:Trunnion
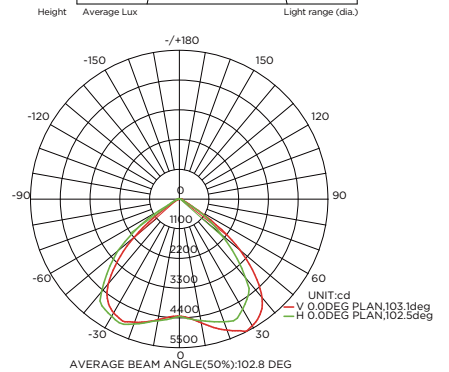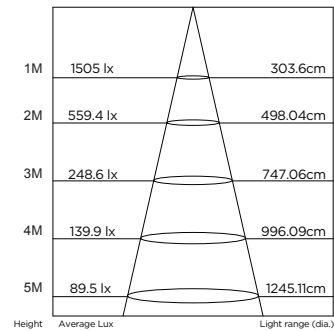
Type H:Round Pole Mount

Lux Chart/Photometrics

Type III

Height	Average Lux	Light range (dia.)
1M	1430 lx	206.4cm
2M	531.2 lx	338.6cm
3M	236.1 lx	507.9cm
4M	132.8 lx	677.2cm
5M	85 lx	846.5cm

UNIT:cd
V 0.0DEG PLAN,80.5deg
H 0.0DEG PLAN,148.8deg
AVERAGE BEAM ANGLE(50%):114.7 DEG

Type IV

Height	Average Lux	Light range (dia.)
1M	1400 lx	161.5cm
2M	520.4 lx	264.9cm
3M	231.3 lx	397.3cm
4M	130.1 lx	529.7cm
5M	83.3 lx	662.1cm

UNIT:cd
V 0.0DEG PLAN,67.0deg
H 0.0DEG PLAN,133.2deg
AVERAGE BEAM ANGLE(50%):100.1 DEG

Type V

Height	Average Lux	Light range (dia.)
1M	1505 lx	303.6cm
2M	559.4 lx	498.04cm
3M	248.6 lx	747.06cm
4M	139.9 lx	996.09cm
5M	89.5 lx	1245.11cm

UNIT:cd
V 0.0DEG PLAN,103.1deg
H 0.0DEG PLAN,102.5deg
AVERAGE BEAM ANGLE(50%):102.8 DEG

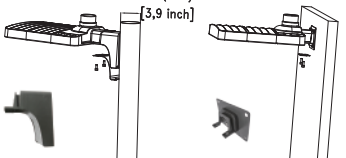## Installation Options

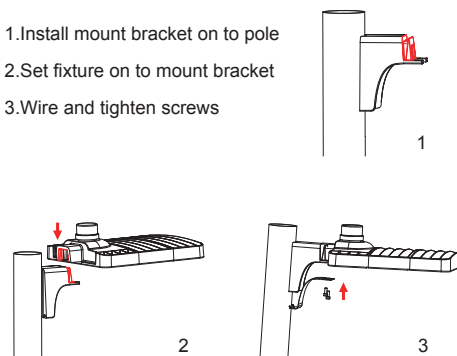A:Slip Fitter   C:Trunnion

60(mm) [2,4 inch]
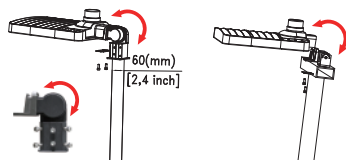
Square or Wall Mount

Round Pole Mount 100(mm) [3,9 inch]
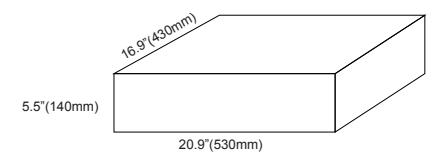
Installation Steps

1.Install mount bracket on to pole

2.Set fixture on to mount bracket

3.Wire and tighten screws

1

2   3

Packaging

1pcs/CTN G.W.:6.25 kg
Dimension: 20.9"L x 16.9"W x 5.5"H (530mm x 430mm x 140mm)

16.9"(430mm)
5.5"(140mm)
20.9"(530mm)

40'hq	2052 pcs
40'gp	1784 pcs
20'gp	884 pcs