



SPECIFICATION



P/N: LCP-STL-150



光圓科技股份有限公司

新竹市金山六街 55 號 1 樓 (新竹第二辦公室)

LED CIRCLE Technology Corporation

1F, No. 55, Jin-Shan 6th St., Hsin-Chu City 300, Taiwan, R.O.C. (Hsin-Chu 2nd Office)

TEL: +886-3-567-9283 Fax: +886-3-567-8764 Web : www.ledcircle.com; Email: philips@ledcircle.com

高品質的 LED 照明產品就在光圓科技===== LC provides high quality LED Lighting products



Product photos



Typical Applications

- Streetlight
- Path-light
- Parking place light
- Garden light

Benefits

- Long Life (30,000~50,000 hours)
- Provides flexibility to designers
- Ease of installation
- Energy efficiency
- It is a hazard free product

Selection Guide

Part Number	Description
LCP-STL-150WW -XX	Streetlight/3000K±10% 81~280Vac input/150W
LCP-STL-150CW -XX	Streetlight/5000K±10% 81~280Vac input/150W
LCP-STL-150SW -XX	Streetlight/6500K±10% 81~280Vac input/150W

Note: XX is optional for **B**, **C**, **SL**, **S** or others.

B is BL Chips.

C is Cree Chips.

SL is SL Chips.

S is Special Unique LEDs from Japan.

Product Characteristics :

Rated Lumen: 8820Lm(Typical for SL LED Flux)

Expected LED life over 20,000~50,000 hours

Best design and cost-effective

Weatherproof (Self-Cleaning)



Product Information: LCP-STL-150SW-B

MECHANICAL SPEC

Housing	Aluminum
Base type	IP65 Connector or Connector Free
Outer Dimension	420.7mm × 386.8mm × 128mm
Housing Color	Silver
Weight	< 8.8Kg (Included LED Power Driver)

ELECTRICAL SPEC

Power Requirement	81~280Vac (47~63HZ) (optional)
Power Consumption	150W+/- 10% (Including LED and Power Driver)
PF (Power Factor):	0.95~1.0
Leakage Current:	0.5mA (Typ.) and 0.75 mA (Max.).
Efficiency:	Min:85%;Typ:88%;Max:90%

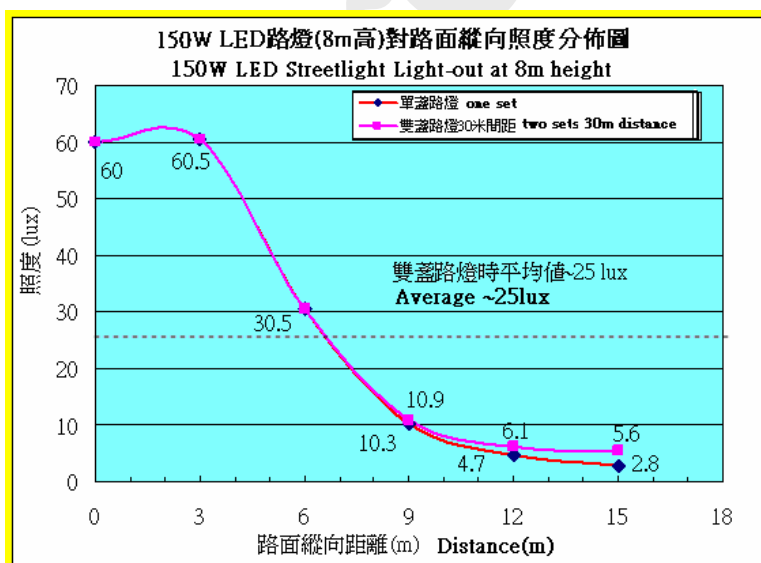
ENVIRONMENTAL SPEC

Operating Temperature	-40 ~ 75 (optional)
Storage Temperature	-40 ~ 80
Body Temperature	< 45 @ 25 (ambient)
IP Level	IP66
LED Life	>30,000hrs

OPTICAL SPEC

Beam Angle	X (Direction follow the road): 100±5° Y (Direction cross the road): 60±5°
Color Temperature	3000K±10% or 5000K±10% or 6500K±10%

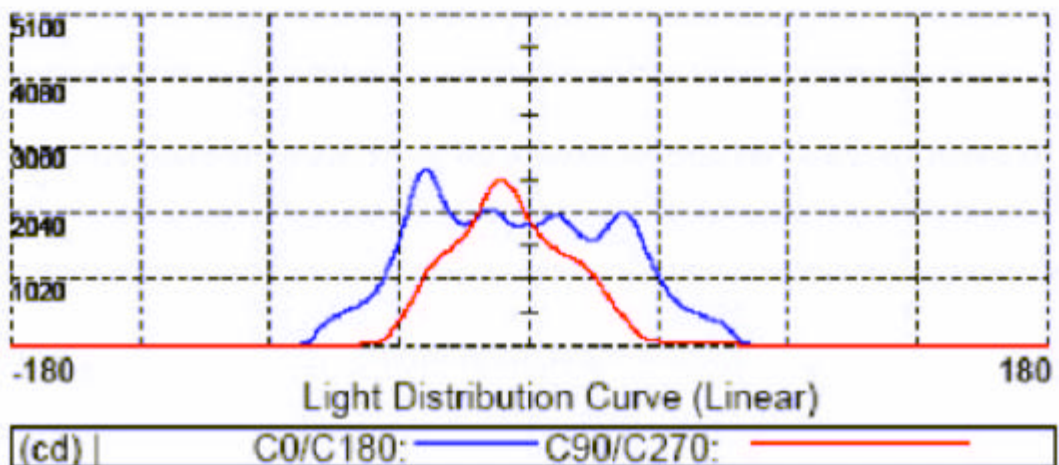
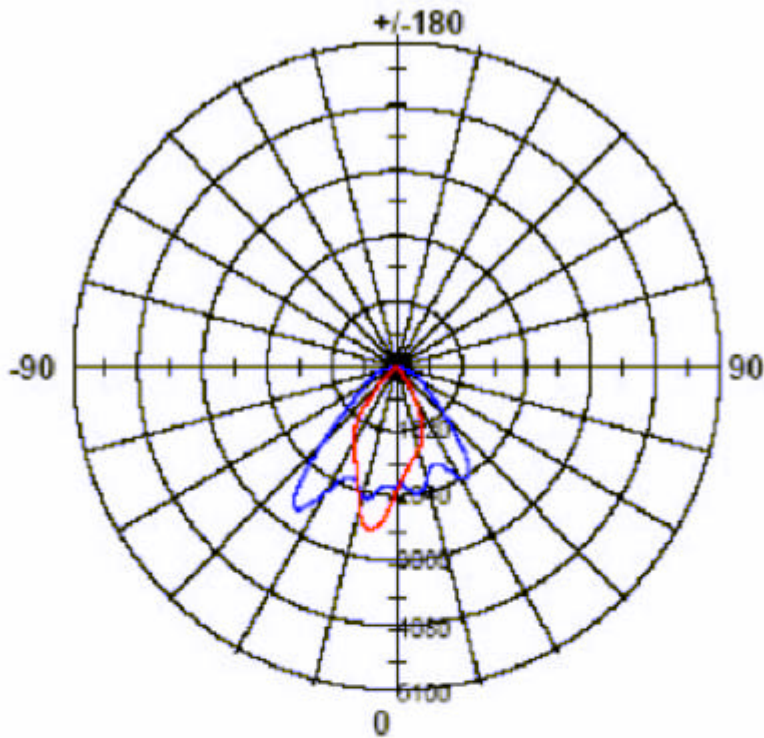
Illuminance





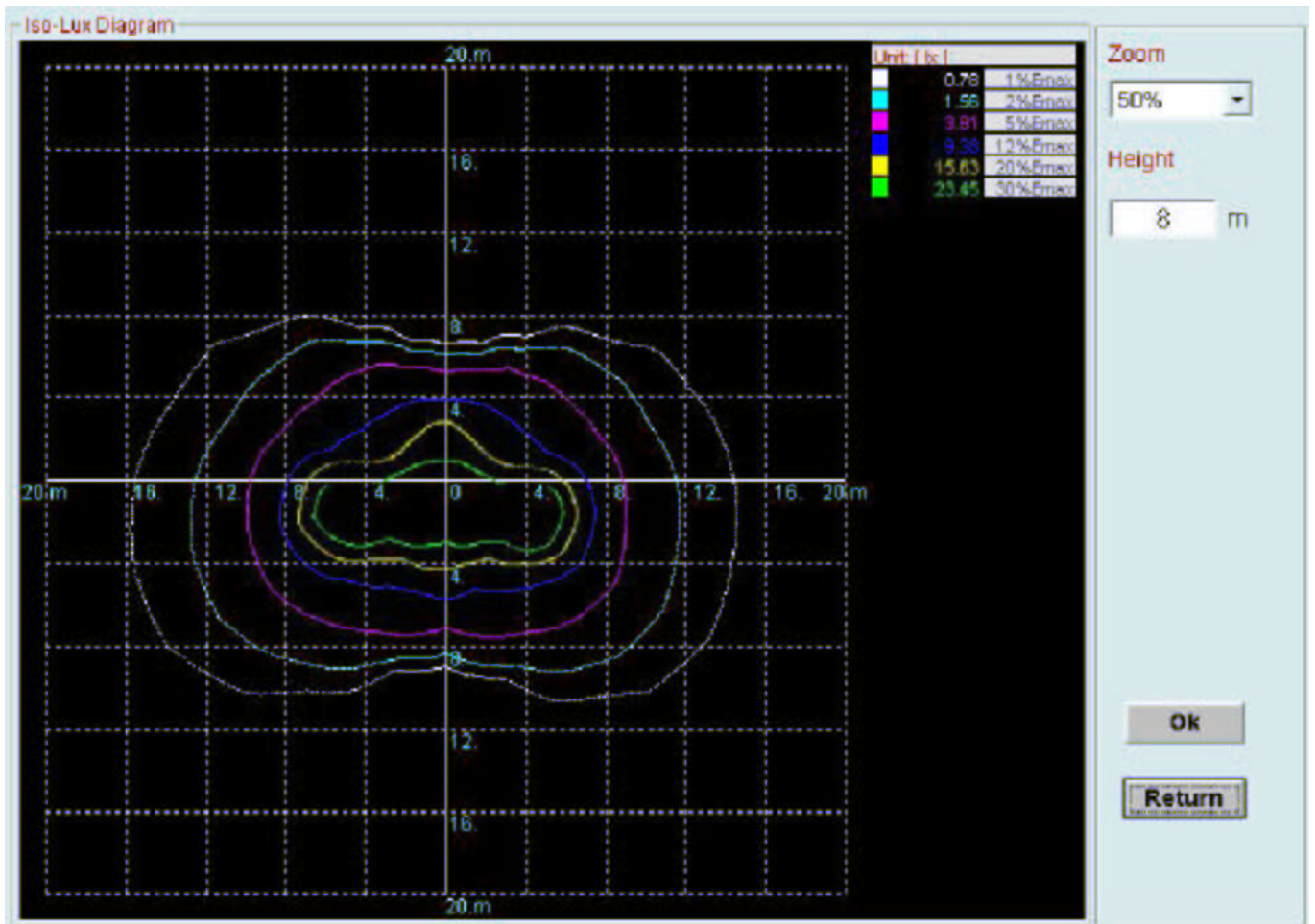
OPTICAL PERFORMANCE: Red: Parallel to Road / Green: Cross to Road

Light Distribution Curve [Unit: cd]





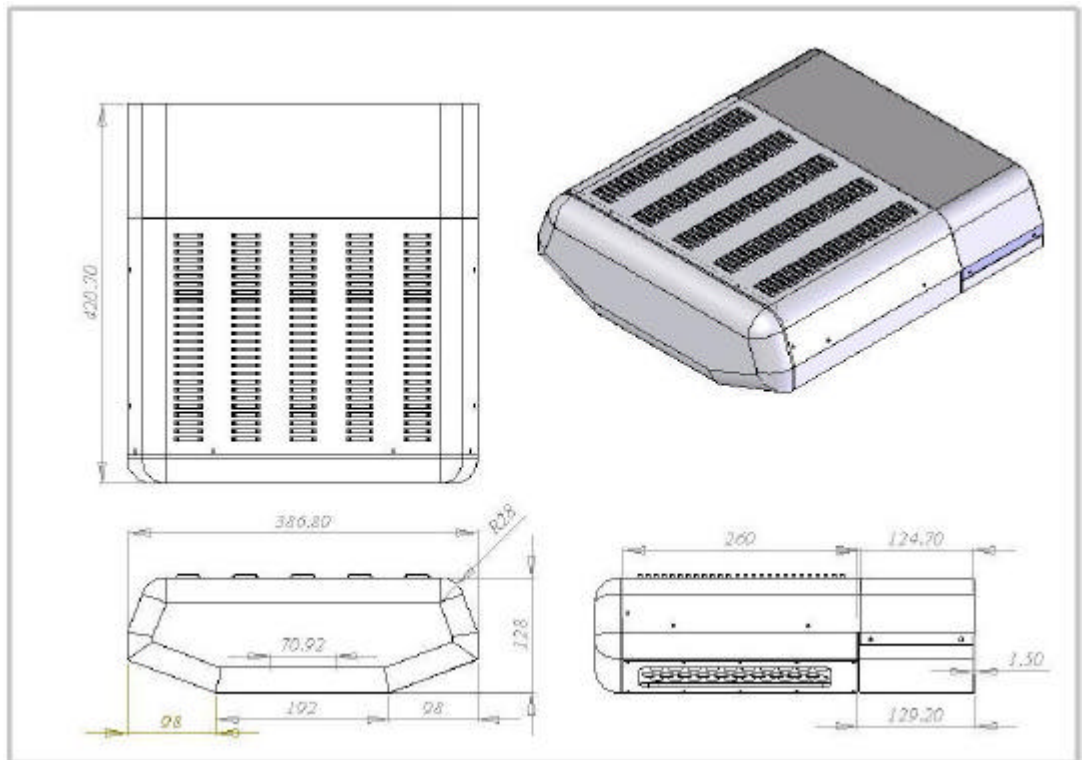
Light Out Report



Pre



Dimension



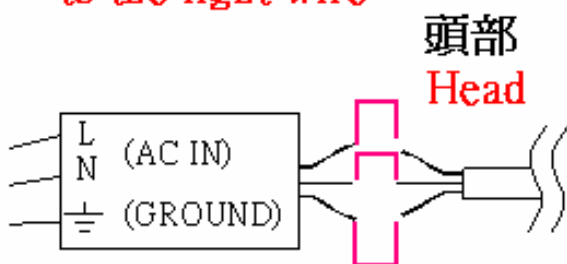
Installation Guide

路燈
Streetlight

AC電源
AC Power

① 連接電源線

Connect the Power cord to the light wire



② 將路燈插入燈桿並鎖上螺絲

Fix the Standard Arm into the light and tighten the Screws





Other Related Products:

Ceiling light (Square)

Real applications **Real Products: 60W~150W**

Fixture & HeatSink & Surface

Light Bar,

MR16, E27, U10, Par30, Par38

Real applications **Real Products: 8W~60W**

10W 10W 20W

Real applications **MR-16: 3W/5W/7W**

Light Out

E27: 5~15W GU10: 5~15W MR-16:Face

Ceiling lights (Circle Types)

Real applications **Real Products: 10W**

Light Out

Real applications **Real Products: 15W/20W**

Real Products: 20W/30W/40W

Light Out



LED Circle Technology Corporation

Web: www.ledcircle.com

E-mail: philips@ledcircle.com

Tel: +886-3-5679283

Fax: +886-3-5678764

Important: Please contact our engineer to ensure installation and maintenance being properly executed to obtain maximum performance, efficiency and durability from the LED lighting product.

Disclaimer: While every care has been taken with the details on this specification sheet, we accept no responsibility for any inaccuracies and reserves the right to change these specifications without notice to always ensure that you are receiving a superior product.

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Preliminary