

Data Sheet

LL04CR-CXE165L19

CREE 
▶ LED Solution Provider


Xlamp XT-E



■ Features & Typical Applications

- High efficiency
- Optimized Uniformity
- Roadway Lighting
- Anti-glare

■ Table of Contents

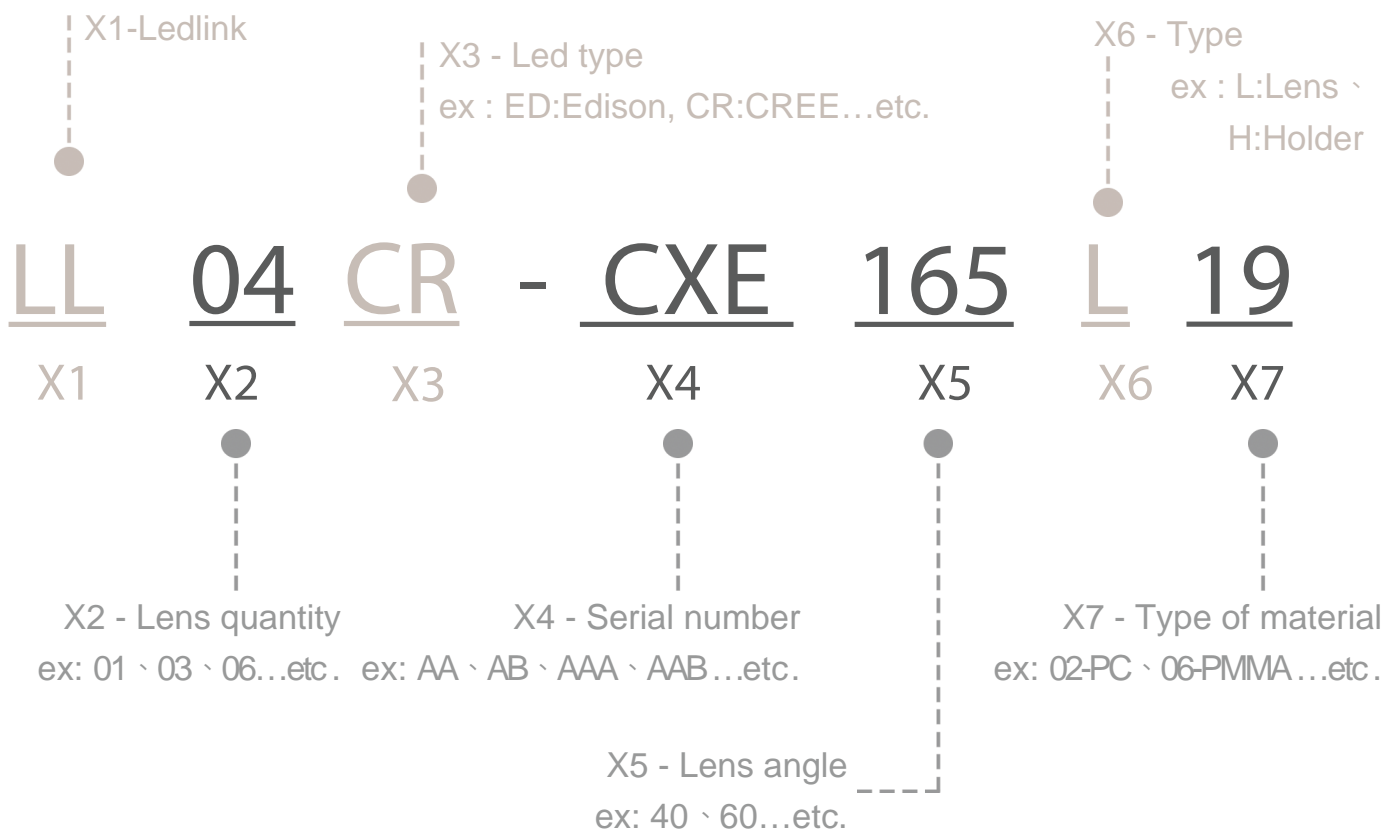
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LL04CR-CXE165L19

General Information

- Lens Material :PC 1250Z
- Operating Temperature range -40°C~+110°C(upper limit +120°C).
- Storage Temperature range -40°C~+110°C(upper limit +120°C).
 - * Average transmittance in visible spectrum 400nm~700nm>90%.
- Usage and Maintenance:
 1. If necessary, clean lenses with mild soap, water and soft cloth.
 2. Never use any commercial cleaning solvents on lenses, like alcohol.
 3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

Product Nomenclature



LL04CR-CXE165L19 Optical Specifications



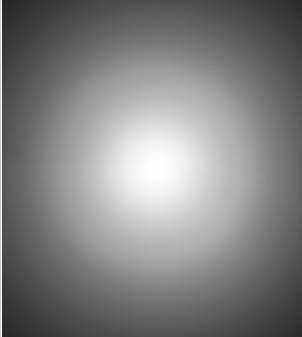
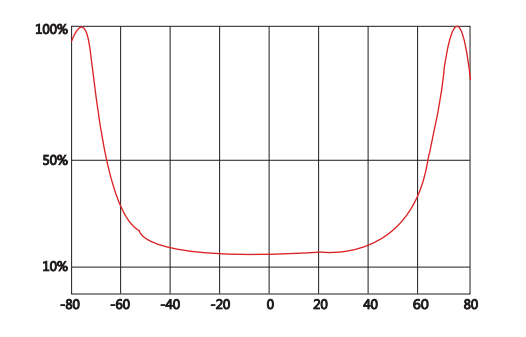
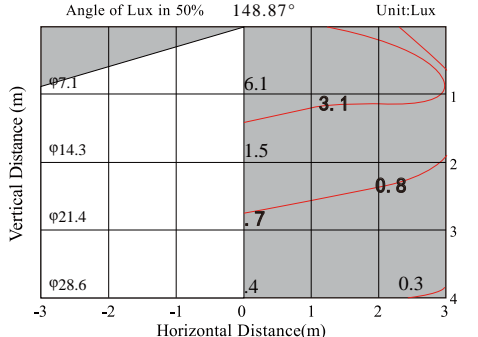
LED Solution Provider



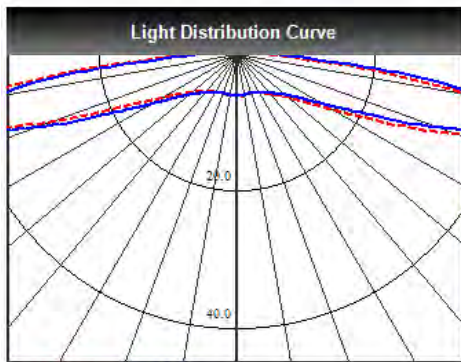
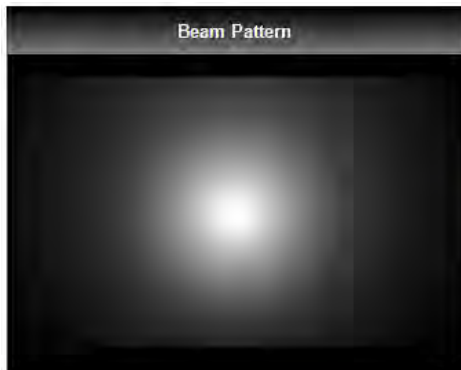
Xlamp XT-E

Note: (1) All the results of analysis are based on 0 degrees of elevation.
 (2) Tolerance: $\pm 10\%$.
 (3) Led Luminous Flux(lm): 104.78($\pm 5\%$).

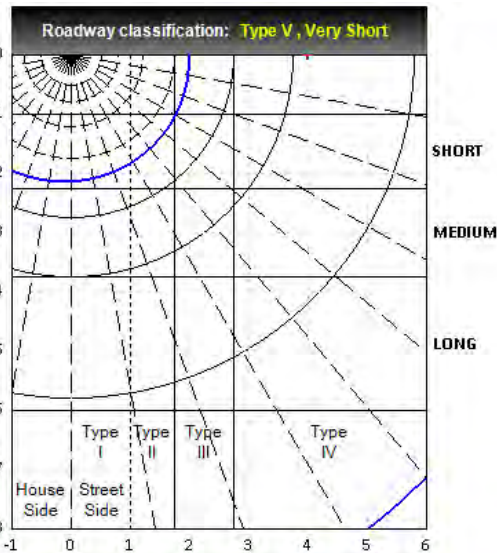
| Part Number | FWHM | Field Angle* | cd / lm | IES File |
|------------------|--------|--------------|---------|--------------------------|
| LL04CR-CXE165L19 | 168.4° | 180.8° | 0.3 | Download |

| Beam Pattern | Light Distribution Curve | Illuminance Distribution |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |  |

@elevation 0°



—C0:0-180 —C1:90-270



| Elevation | Roadway Classification |
|-----------|------------------------|
| 0° | Type V , Very Short |
| 5° | Type VS , Very Short |
| 10° | Type IV , Very Short |
| 15° | Type IV , Very Short |
| 20° | Type IV , Very Short |

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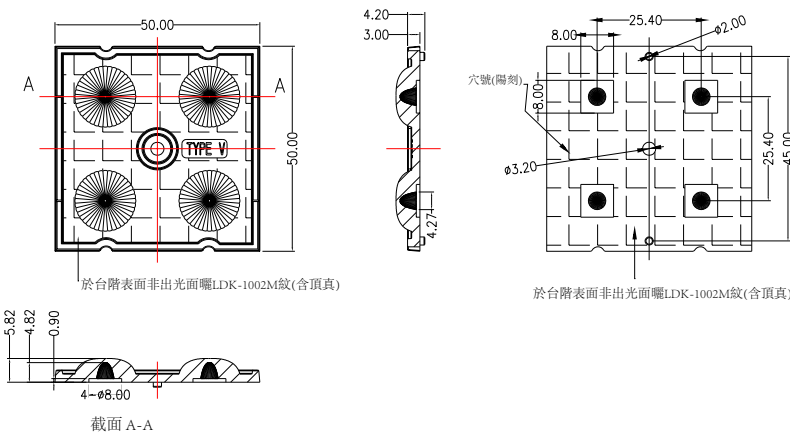
Mechanical Specification

1. Fixing method

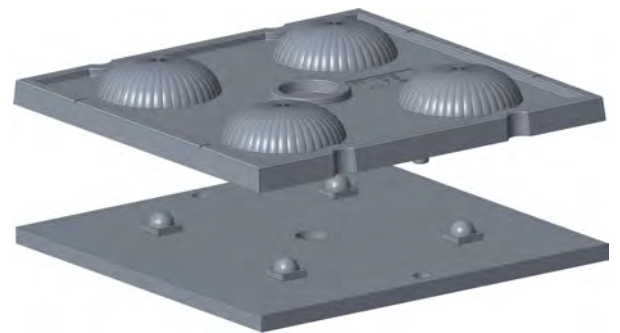
- Glue
- Screw
- Tape
- Fixing-ring
- Frame

Note: (1) All dimensions are in mm.
 (2) All measurements are ± 0.15 mm unless otherwise indicated.

2. Lens dimension



3. Assembly instruction



4. Assembly dimension

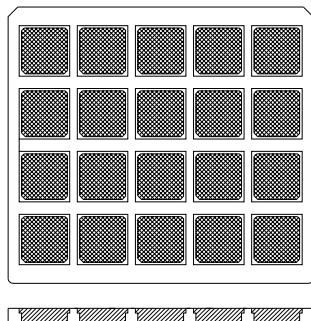
5. View assembly lens with MCPCB:



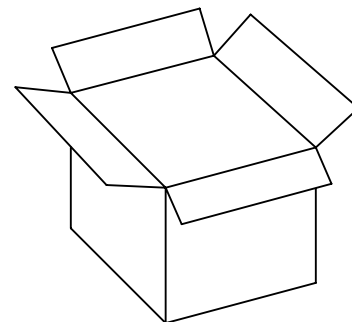
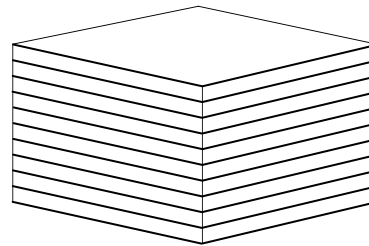
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Package Specifications

| Item | Quantity | Total | Size(L*W*H) | G.W |
|-------------|--------------------------|---------|--------------|------|
| plastic box | 20 pcs/plastic box | 20 pcs | 32*29*1.4 cm | 6.4g |
| outer box | 20 plastic box/outer box | 400 pcs | 35*31*21 cm | |



YZ-0144
20 pcs/plastic box



400 pcs/outer box



Note: