

FLARE-MINI-AD-PIN

~100° x 20° oval beam. Assembly with location pins and installation tape.

SPECIFICATION:

| | |
|----------------|-----------|
| Dimensions | Ø 16.0 mm |
| Height | 9.1 mm |
| Fastening | tape, pin |
| ROHS compliant | yes ⓘ |

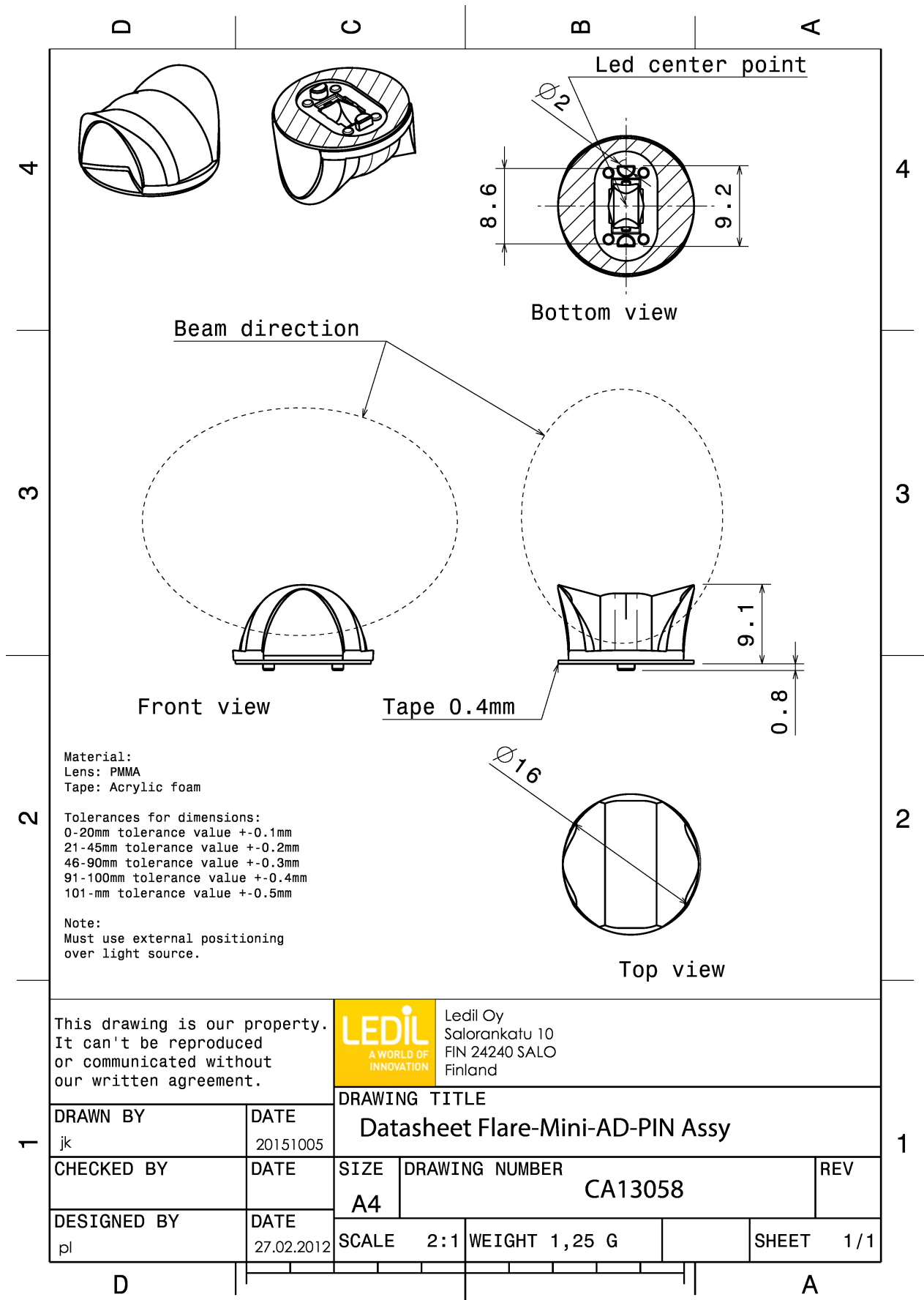


MATERIALS:

| Component | Type | Material | Colour | Finish |
|-------------------|-------------|--------------|--------|--------|
| FLARE-MINI-AD-PIN | Single lens | PMMA | clear | |
| TINA-TAPE3 | Tape | Acrylic foam | black | |

ORDERING INFORMATION:

| Component | Type | Qty in box | MOQ | MPQ | Box weight (kg) |
|---------------------------|-------------|------------|-----|-----|-----------------|
| CA13058_FLARE-MINI-AD-PIN | Single lens | 4600 | 230 | 230 | 6.9 |
| » Box size: | | | | | |

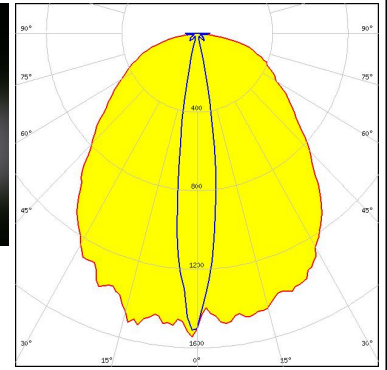
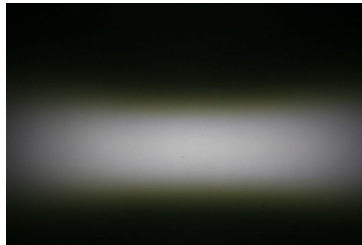


See also our general installation guide: www.ledil.com/installation_guide

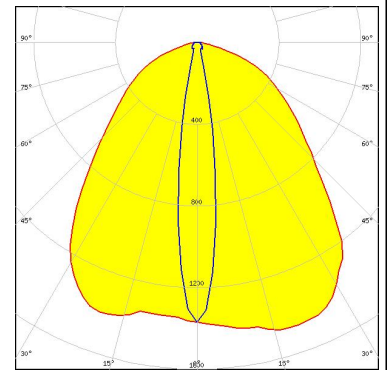
OPTICAL RESULTS (MEASURED):



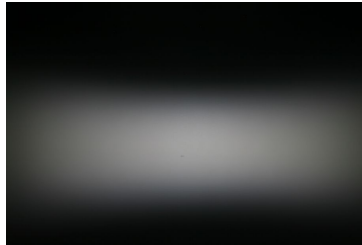
LED XB-D
 FWHM / FWTM 100.0 + 16.0° / 160.0 + 31.0°
 Efficiency 93 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



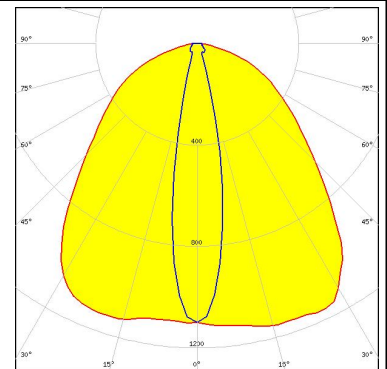
LED XP-E2
 FWHM / FWTM 90.0 + 16.0° / 150.0 + 30.0°
 Efficiency 94 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



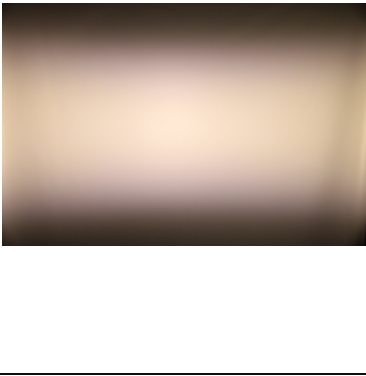
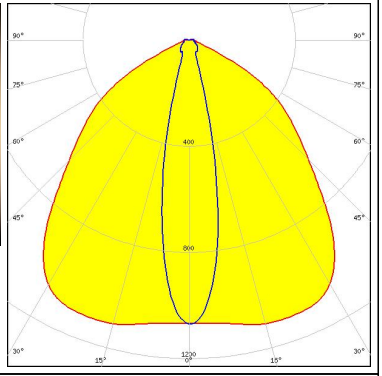

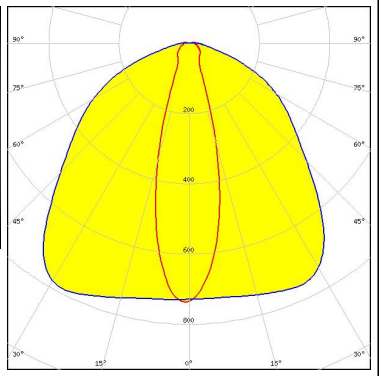
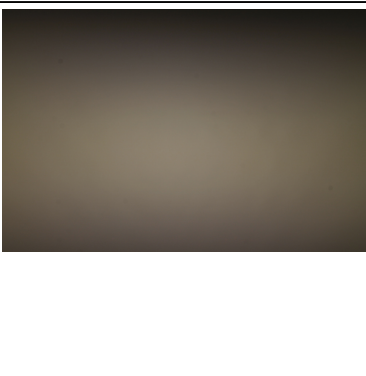
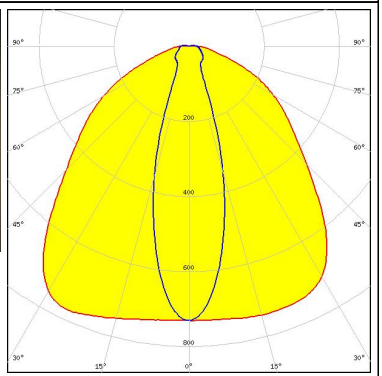

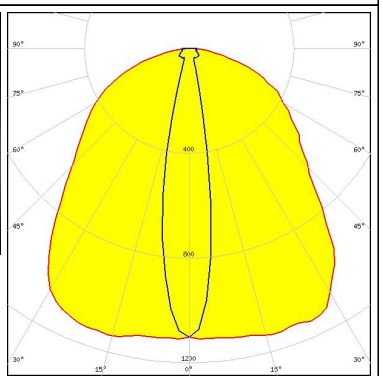
LED XP-G
 FWHM / FWTM 100.0 + 20.0° / 156.0 + 34.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G2
 FWHM / FWTM 95.0 + 21.0° / 151.0 + 37.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

| | | |
|---|--|---|
| <p>CREE LEDs</p> <p>LED XP-G4 FWHM / FWTM 97.0 + 22.0° / 133.0 + 39.0° Efficiency 94 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE LEDs</p> <p>LED XP-L HD FWHM / FWTM 108.0 + 27.0° / 154.0 + 51.0° Efficiency 92 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE LEDs</p> <p>LED XP-L2 FWHM / FWTM 102.0 + 29.0° / 154.0 + 54.0° Efficiency 94 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>CREE LEDs</p> <p>LED XT-E FWHM / FWTM 104.0 + 19.0° / 164.0 + 36.0° Efficiency 94 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |  |

OPTICAL RESULTS (MEASURED):

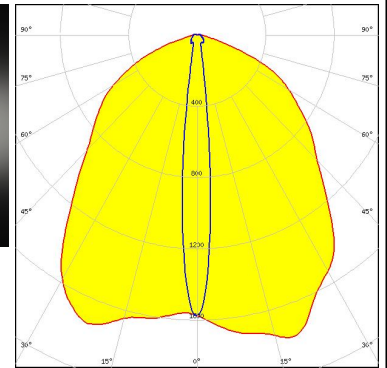
LUMILEDS

LED LUXEON A
 FWHM / FWTM 92.0 + 20.0° / 148.0 + 36.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



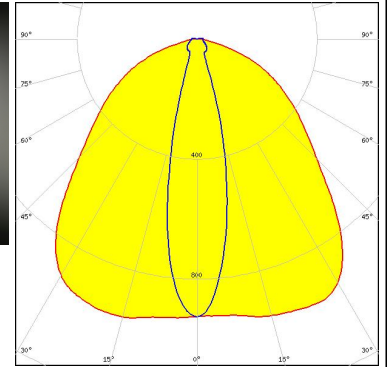
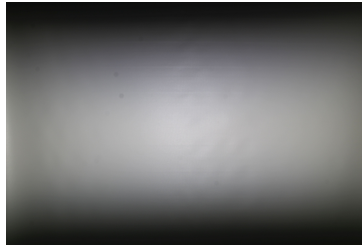
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 102.0 + 12.0° / 146.0 + 25.0°
 Efficiency 94 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



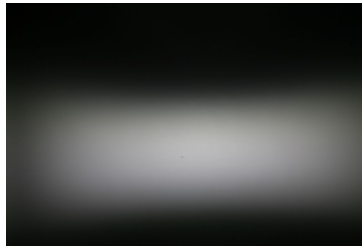
NICHIA

LED NVSW219F
 FWHM / FWTM 100.0 + 24.0° / 149.0 + 42.0°
 Efficiency 94 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

LED NVSxx19A
 FWHM / FWTM 100.0 + 20.0° / 147.0 + 34.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

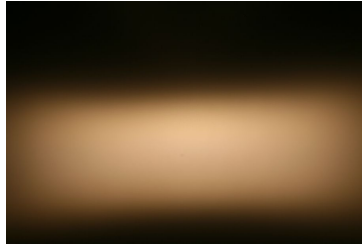


OPTICAL RESULTS (MEASURED):

OSRAM

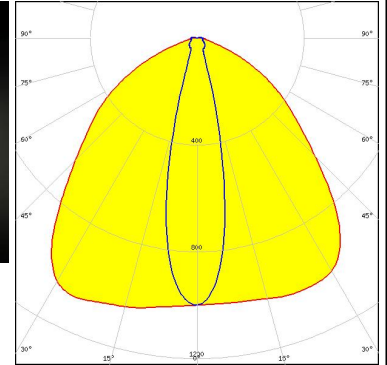
Opto Semiconductors

LED OSLON Square EC
 FWHM / FWTM 92.0 + 21.0° / 148.0 + 36.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



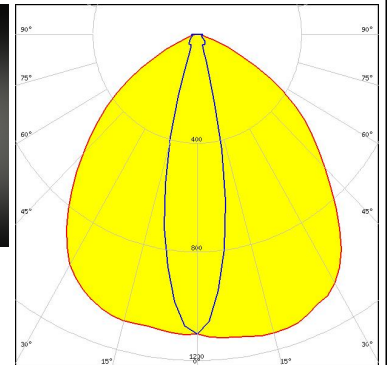
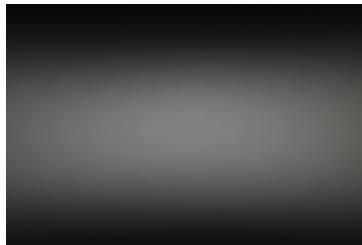
SAMSUNG

LED LH351B
 FWHM / FWTM 101.0 + 24.0° / 142.0 + 40.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



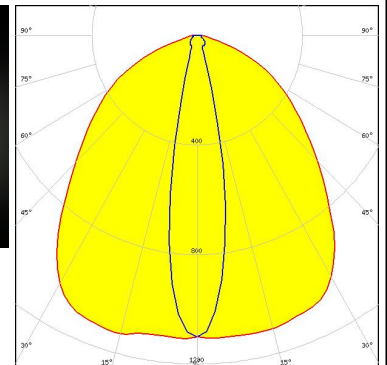
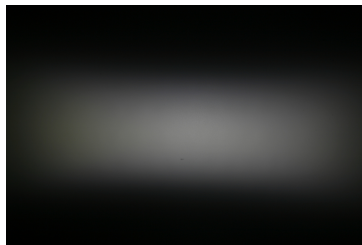
SAMSUNG

LED LH351Z
 FWHM / FWTM 99.0 + 24.0° / 135.0 + 41.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM / FWTM 99.0 + 22.0° / 147.0 + 38.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour White
 Required components:



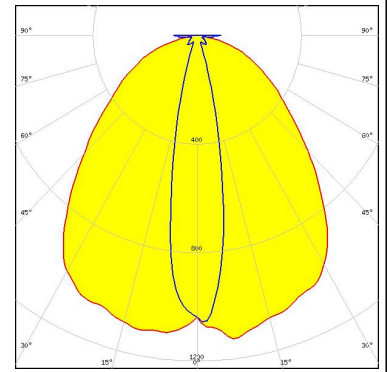
OPTICAL RESULTS (MEASURED):

| | | |
|--|---|--|
| <p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 102.0 + 23.0° / 154.0 + 45.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |
| <p> SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 117.0 + 23.0° / 156.0 + 45.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |

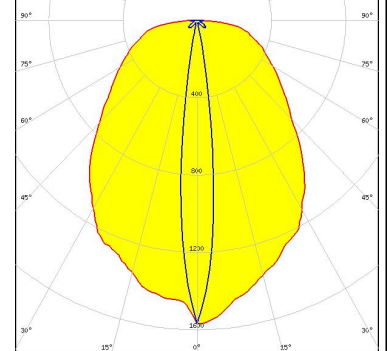
OPTICAL RESULTS (SIMULATED):



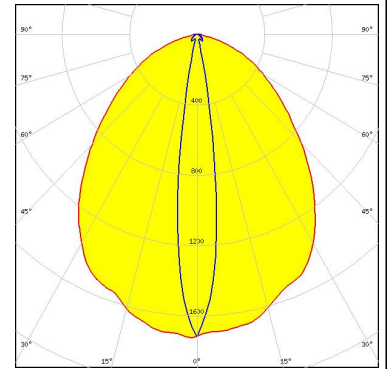
LED XP-G3
 FWHM / FWTM 93.0 + 20.0° / 151.0 + 37.0°
 Efficiency 94 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



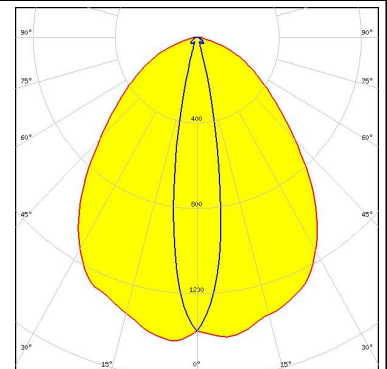
LED LUXEON C
 FWHM / FWTM 13.0 + 86.0° / 23.0 + 167.0°
 Efficiency 93 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON Z ES
 FWHM / FWTM 90.0 + 14.0° / 144.0 + 26.0°
 Efficiency 96 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSOLON Square CSSRM2/CSSRM3
 FWHM / FWTM 88.0 + 18.0° / 142.0 + 32.0°
 Efficiency 95 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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