

CUTE-3-M

~25° medium beam with 3 mm high location pins

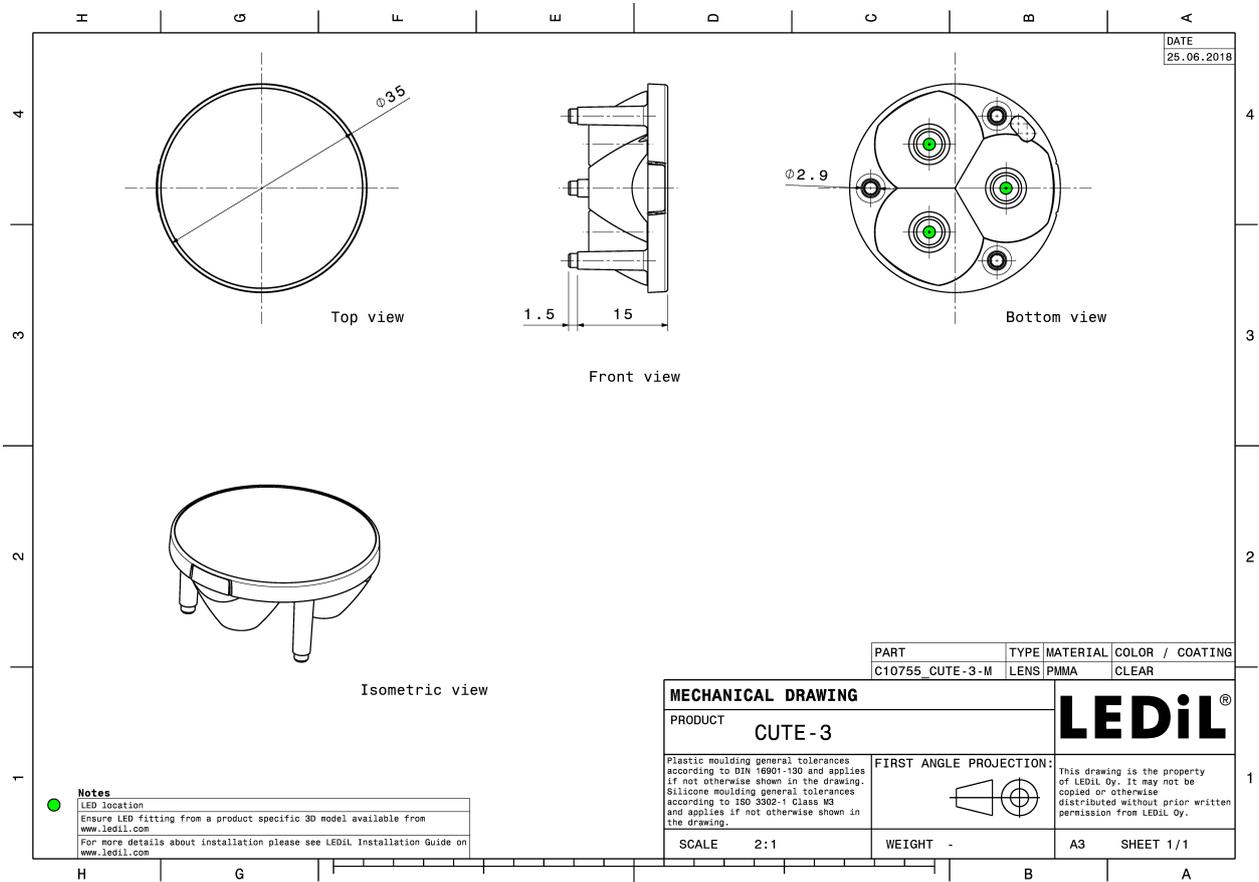
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35.0 mm
Height	15 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7 kg
Quantity in Box	630 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

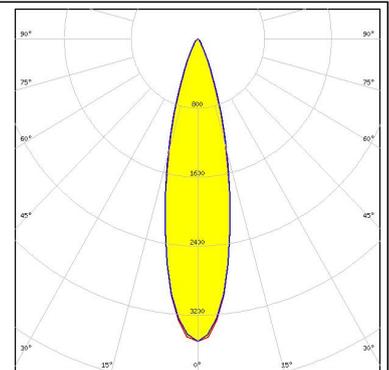
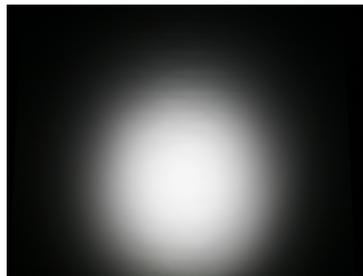
Component	Type	Material	Colour
CUTE-3-M	Multi-lens	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

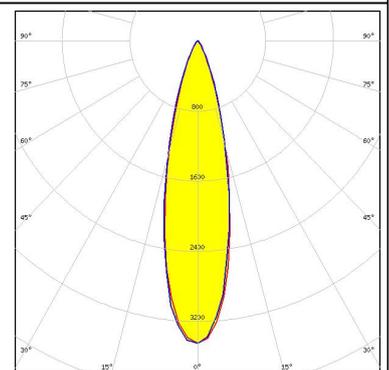
CREE

LED XM-L
 FWHM 25.0°
 Efficiency 90 %
 Peak intensity 3.510 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



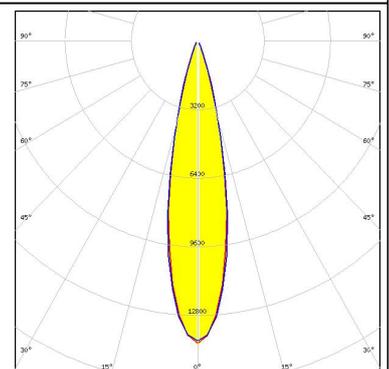
CREE

LED XM-L2
 FWHM 26.0°
 Efficiency 89 %
 Peak intensity 3.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



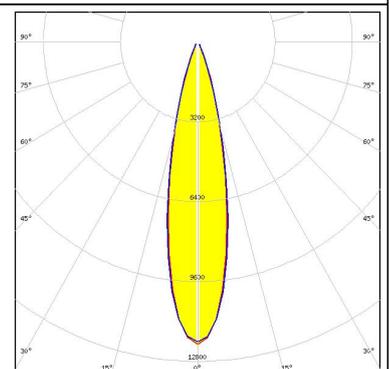
CREE

LED XP-E
 FWHM 22.0°
 Efficiency 92 %
 Peak intensity 4.710 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

LED XP-G
 FWHM 23.0°
 Efficiency 92 %
 Peak intensity 4.040 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

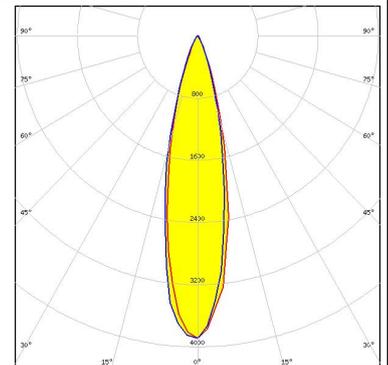
CREE

LED XP-G2
FWHM 22.0°
Efficiency 88 %
Peak intensity 4.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



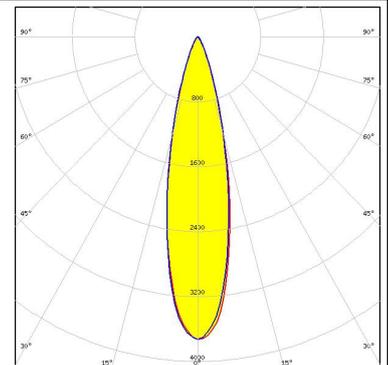
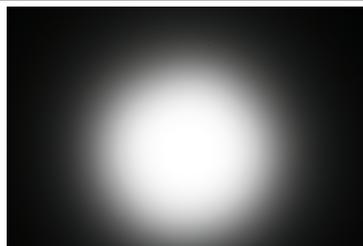
CREE

LED XT-E
FWHM 23.0°
Efficiency 85 %
Peak intensity 3.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LG Innotek

LED H35C1 (LEMWA33)
FWHM 25.0°
Efficiency 86 %
Peak intensity 3.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



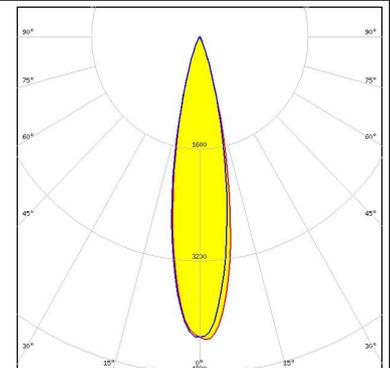
LUMILEDS

LED LUXEON A
FWHM 24.0°
Efficiency 88 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel
 FWHM 23.0°
 Efficiency 88 %
 Peak intensity 4.290 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

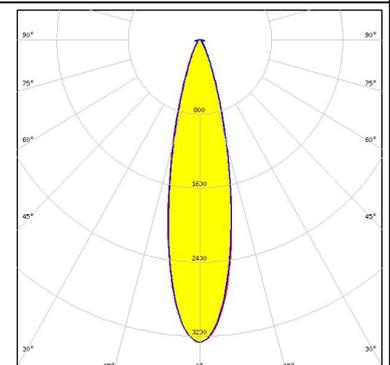
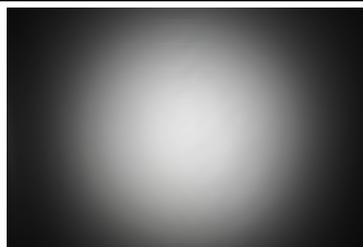
LED LUXEON Rebel ES
 FWHM 24.0°
 Efficiency 88 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

NICHIA

LED NCSxx19A
 FWHM 25.0°
 Efficiency 89 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

NICHIA

LED NVSxx19A
 FWHM 24.0°
 Efficiency 93 %
 Peak intensity 3.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



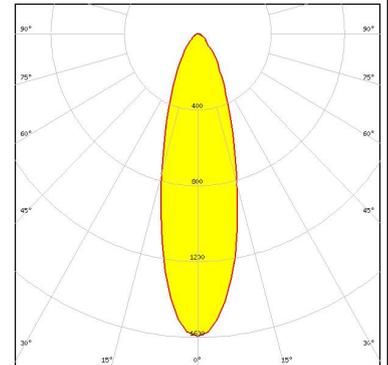
PHOTOMETRIC DATA (MEASURED):

OSRAM Opto Semiconductors

LED Oslon Square EC
 FWHM 28.0°
 Efficiency %
 Peak intensity 2.210 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

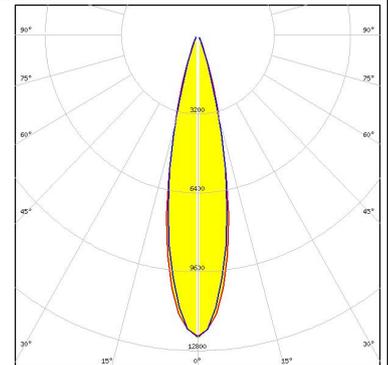
OSRAM Opto Semiconductors

LED Oslon SSL 150
 FWHM 31.0°
 Efficiency %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM Opto Semiconductors

LED Oslon SSL 80
 FWHM 23.0°
 Efficiency 89 %
 Peak intensity 4.070 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5
 FWHM 22.0°
 Efficiency %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

PHOTOMETRIC DATA (MEASURED):



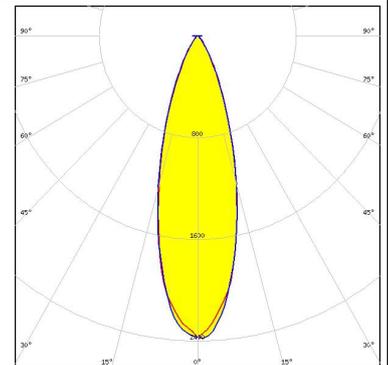
PHOTOMETRIC DATA (SIMULATED):

CREE

LED XM-L HVW
FWHM 33.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE

LED XP-G3
FWHM 31.0°
Efficiency 91 %
Peak intensity 2.400 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE

LED XT-E HVW
FWHM 30.0°
Efficiency %
Peak intensity 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

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