

CUTE-3-M

~25° medium beam with 3 mm high location pins

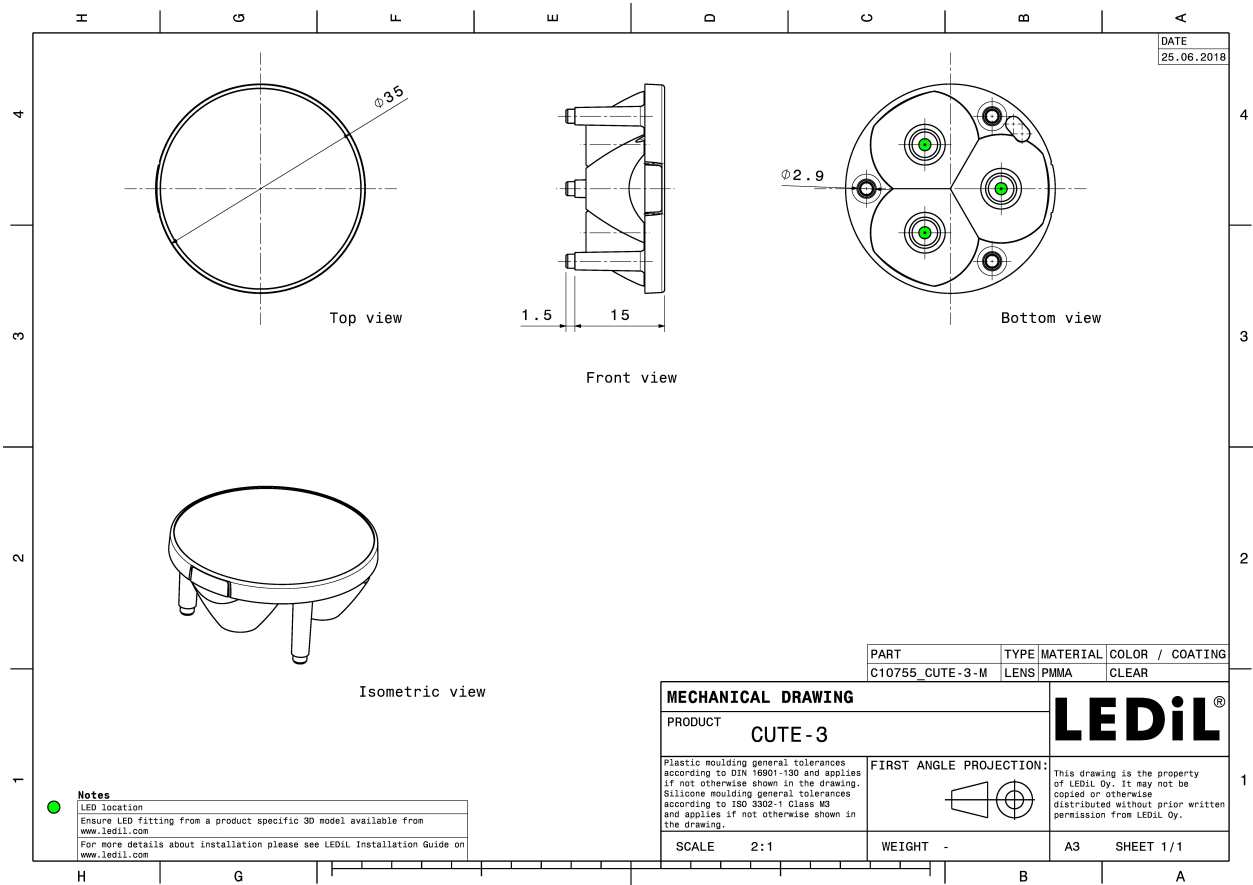
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35 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:

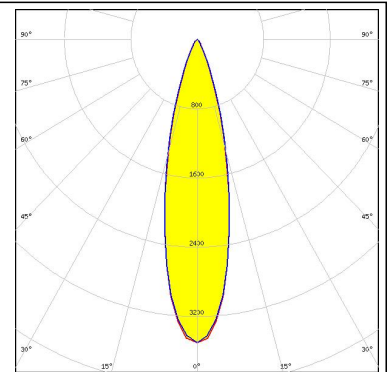
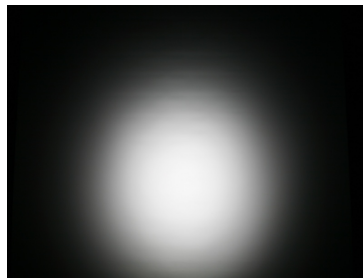
Component	Type	Material	Colour
CUTE-3-M	Lens array	PMMA	clear



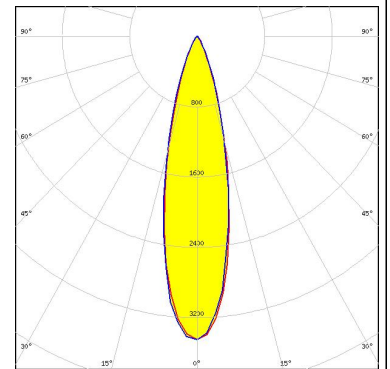
PHOTOMETRIC DATA (MEASURED):



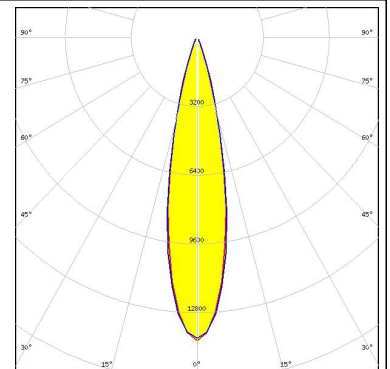
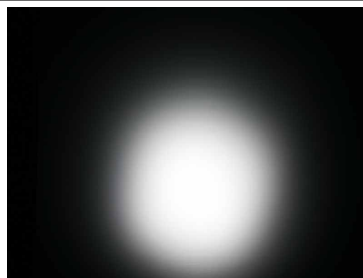
LED XM-L
FWHM 25.0°
Efficiency 90 %
Peak intensity 3.510 cd/lm
Required components:



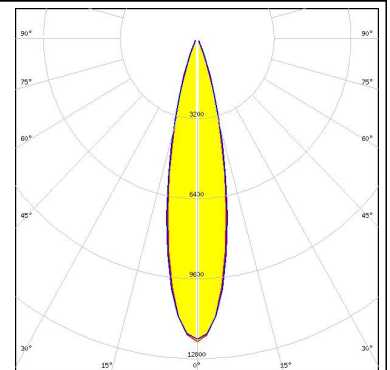
LED XM-L2
FWHM 26.0°
Efficiency 89 %
Peak intensity 3.500 cd/lm
Required components:



LED XP-E
FWHM 22.0°
Efficiency 92 %
Peak intensity 4.710 cd/lm
Required components:



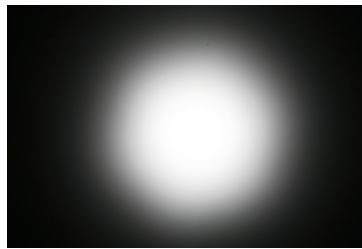
LED XP-G
FWHM 23.0°
Efficiency 92 %
Peak intensity 4.040 cd/lm
Required components:



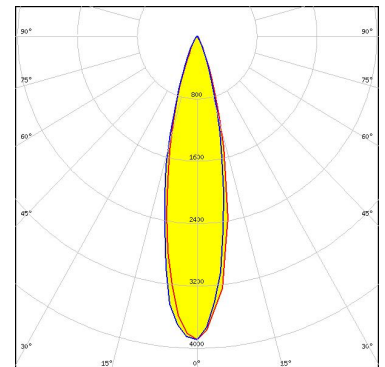
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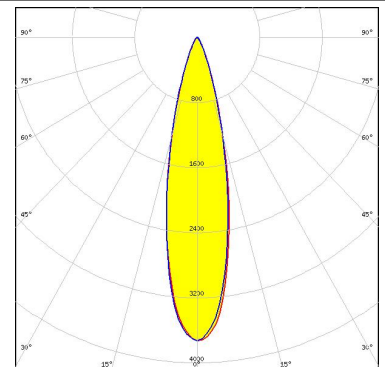
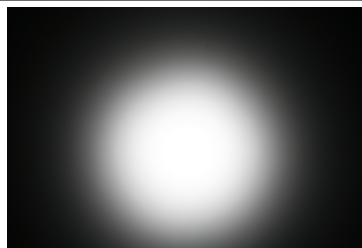
LED XP-G2
FWHM 22.0°
Efficiency 88 %
Peak intensity 4.400 cd/lm
Required components:



LED XT-E
FWHM 23.0°
Efficiency 85 %
Peak intensity 3.900 cd/lm
Required components:



LED H35C1 (LEMWA33)
FWHM 25.0°
Efficiency 86 %
Peak intensity 3.700 cd/lm
Required components:

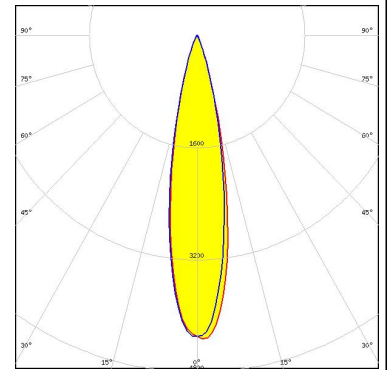
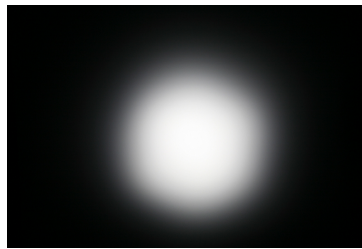


LED LUXEON A
FWHM 24.0°
Efficiency 88 %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel
 FWHM 23.0°
 Efficiency 88 %
 Peak intensity 4.290 cd/lm
 Required components:



LUMILEDS

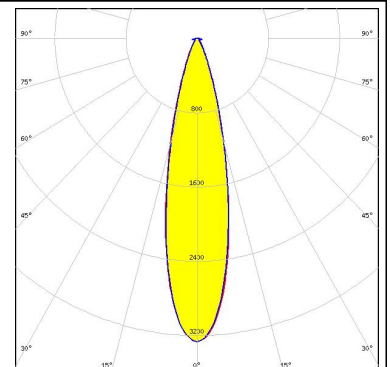
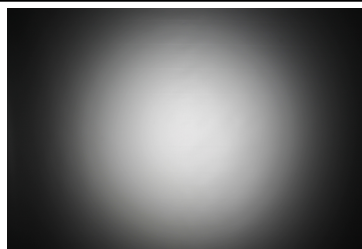
LED LUXEON Rebel ES
 FWHM 24.0°
 Efficiency 88 %
 Peak intensity cd/lm
 Required components:

NICHIA

LED NCSxx19A
 FWHM 25.0°
 Efficiency 89 %
 Peak intensity cd/lm
 Required components:

NICHIA

LED NVSxx19A
 FWHM 24.0°
 Efficiency 93 %
 Peak intensity 3.300 cd/lm
 Required components:



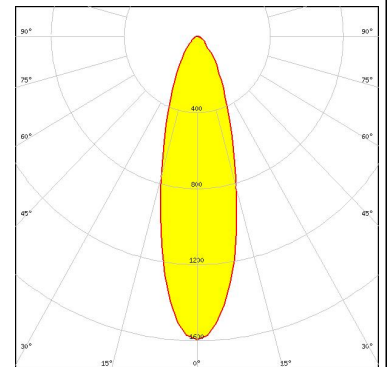
PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Oslon Square EC
FWHM 28.0°
Efficiency %
Peak intensity 2.210 cd/lm
Required components:

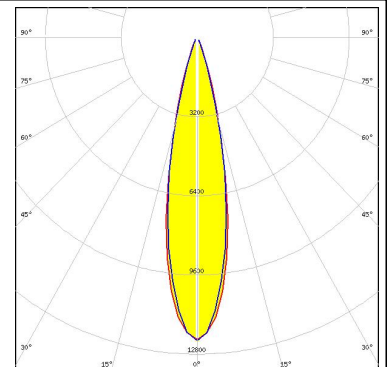
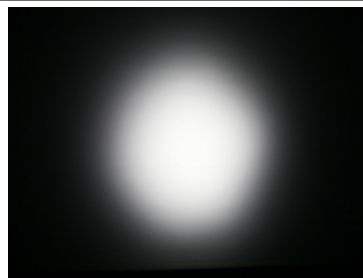
OSRAM
Opto Semiconductors

LED Oslon SSL 150
FWHM 31.0°
Efficiency %
Peak intensity 1.600 cd/lm
Required components:



OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 23.0°
Efficiency 89 %
Peak intensity 4.070 cd/lm
Required components:

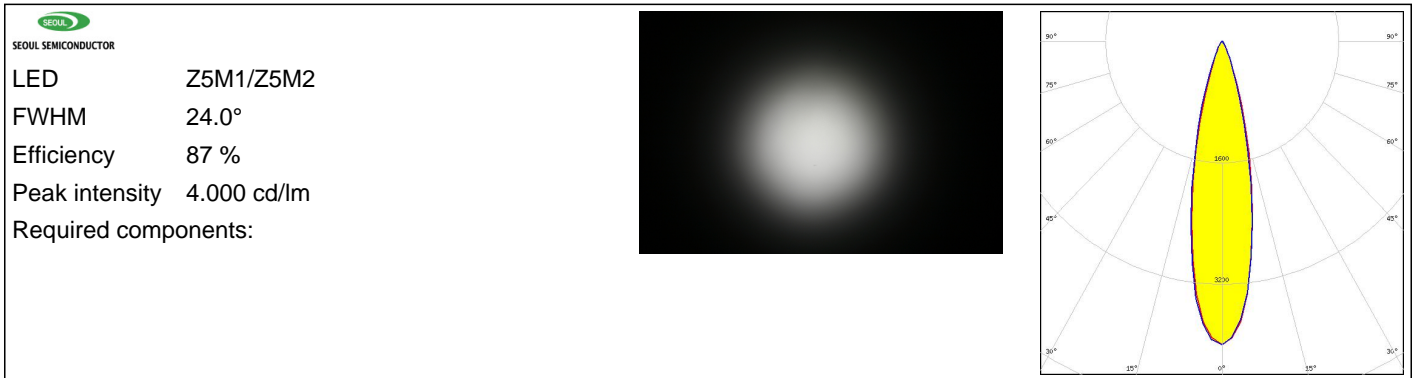


SEOL

SEOUL SEMICONDUCTOR

LED Z5
FWHM 22.0°
Efficiency %
Peak intensity cd/lm
Required components:

PHOTOMETRIC DATA (MEASURED):



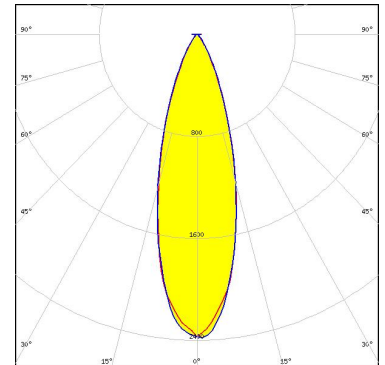
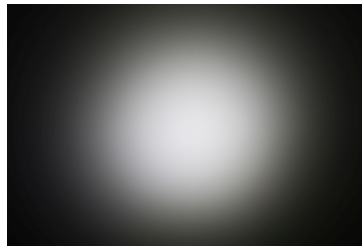
PHOTOMETRIC DATA (SIMULATED):

CREE

LED XM-L HVW
FWHM 33.0°
Efficiency %
Peak intensity cd/lm
Required components:

CREE

LED XP-G3
FWHM 31.0°
Efficiency 91 %
Peak intensity 2.400 cd/lm
Required components:



CREE

LED XT-E HVW
FWHM 30.0°
Efficiency %
Peak intensity cd/lm
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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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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
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