

CUTE-3-M

~25° medium beam with 1.5 mm high location pins

SPECIFICATION:

Dimensions	Ø 35.0 mm
Height	15 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

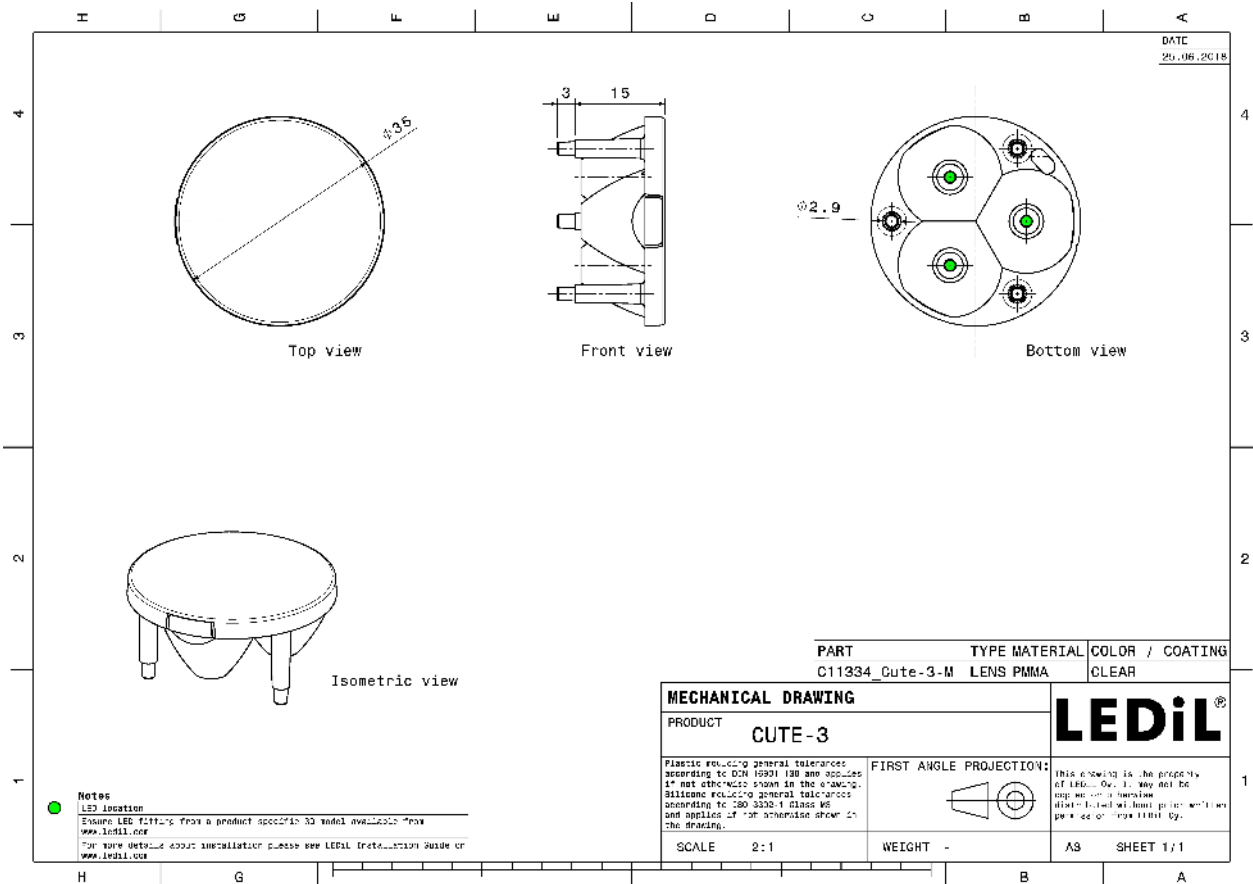


MATERIALS:

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

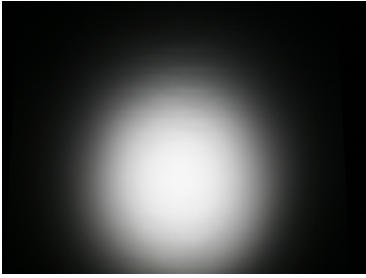
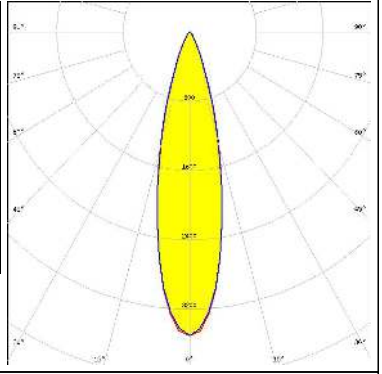

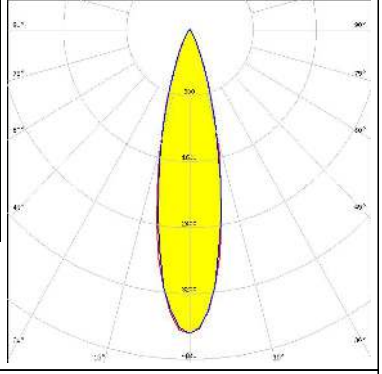
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11334_CUTE-3-M » Box size: 480 x 280 x 300 mm	630	90	45	6.8



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

OPTICAL RESULTS (MEASURED):

<p>CREE ⇄ LED</p> <p>LED XM-L FWHM / FWTM 25.0° Efficiency 90 % LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED XM-L2 FWHM / FWTM 26.0° / 49.0° Efficiency 89 % Peak intensity 3.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED XP-E FWHM / FWTM 22.0° Efficiency 91 % LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED XP-G FWHM / FWTM 24.0° Efficiency 91 % LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):



LED XP-L HD
FWHM / FWTM 24.0° / 48.0°
Efficiency 88 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON A
FWHM / FWTM 24.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:


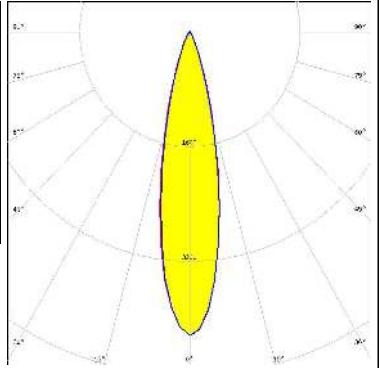

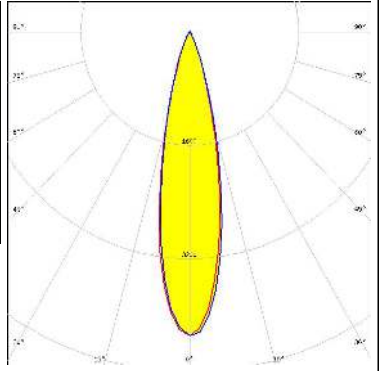


LED LUXEON Rebel
FWHM / FWTM 22.0°
Efficiency 91 %
LEDs/each optic 1
Light colour White
Required components:



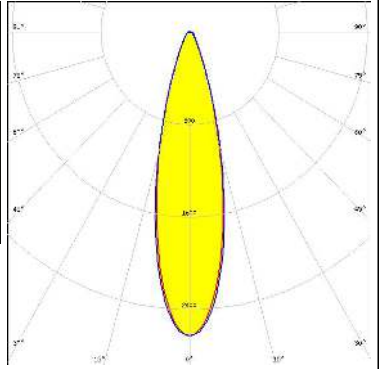
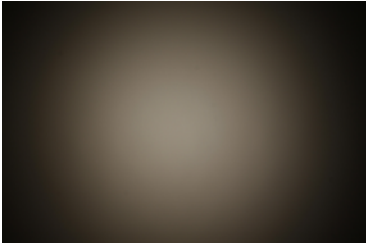
LED LUXEON Rebel ES
FWHM / FWTM 24.0°
Efficiency 92 %
LEDs/each optic 1
Light colour White
Required components:

OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON T</p> <p>FWHM / FWTM 23.0° / 43.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 4.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON TX</p> <p>FWHM / FWTM 25.0° / 44.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 4.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NCSxx19A</p> <p>FWHM / FWTM 25.0°</p> <p>Efficiency 88 %</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19A</p> <p>FWHM / FWTM 25.0°</p> <p>Efficiency 88 %</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

OPTICAL RESULTS (MEASURED):

OSRAM Opto Semiconductors	
LED	OSLON SSL 80
FWHM / FWTM	22.0°
Efficiency	89 %
LEDs/each optic	1
Light colour	White
Required components:	
TOSHIBA Leading Innovation >>>	
LED	TL1L3
FWHM / FWTM	26.0° / 51.0°
Efficiency	86 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):



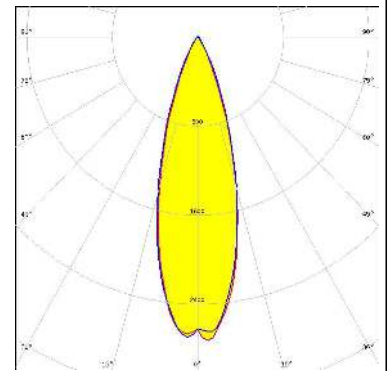
LED XM-L HVW
FWHM / FWTM 33.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



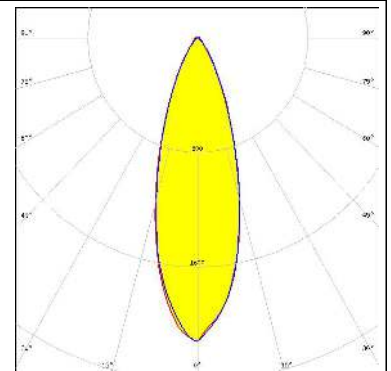
LED XT-E HVW
FWHM / FWTM 30.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



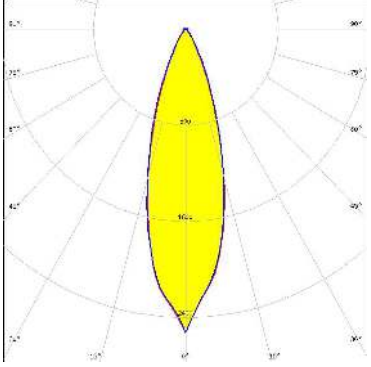


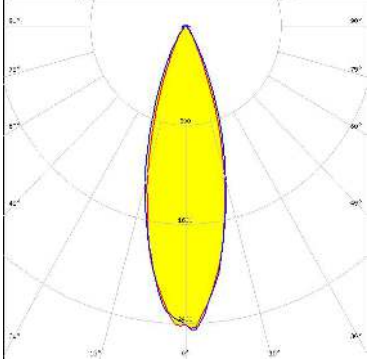
LED LUXEON H50-2
FWHM / FWTM 30.0° / 54.0°
Efficiency 90 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SST-70X-WCS
FWHM / FWTM 32.0° / 64.0°
Efficiency 93 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

 LED NVSxx19B/NVSxx19C FWHM / FWTM 30.0° / 57.0° Efficiency 89 % Peak intensity 2.5 cd/lm LEDs/each optic 1 Light colour White Required components:	
 LED OSLOM SSL 150 FWHM / FWTM 30.0° / 54.0° Efficiency 94 % Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour White Required components:	
 LED Z5M1/Z5M2 FWHM / FWTM 31.0° / 57.0° Efficiency 91 % 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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