

CUTE-3-M

~25° medium beam with 3 mm high location pins

SPECIFICATION:

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

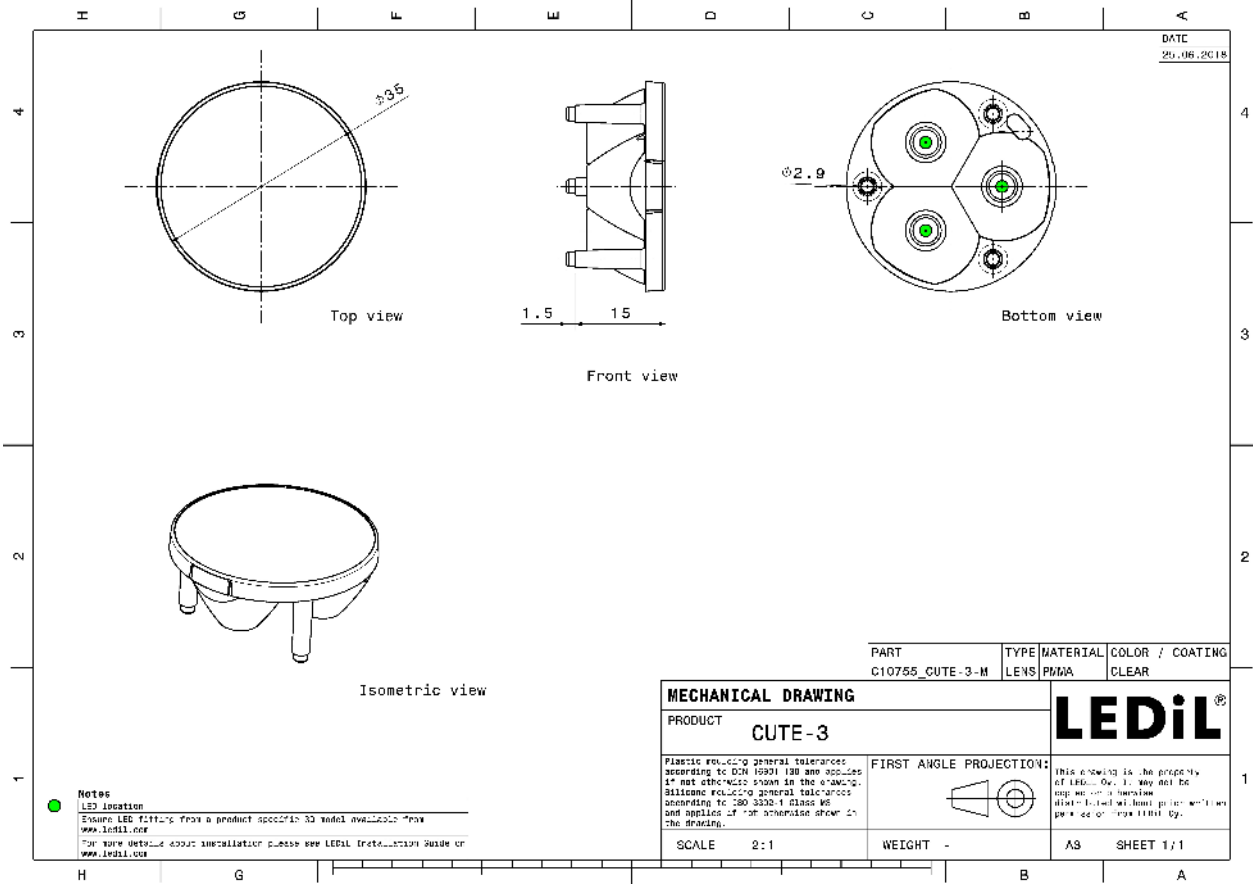


MATERIALS:

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

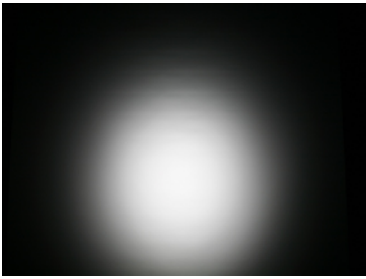
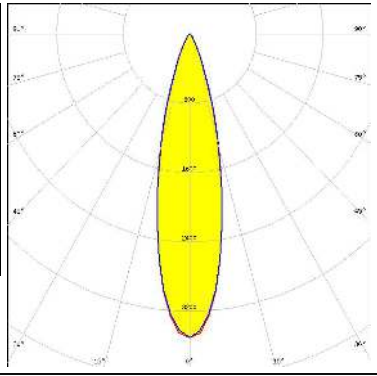

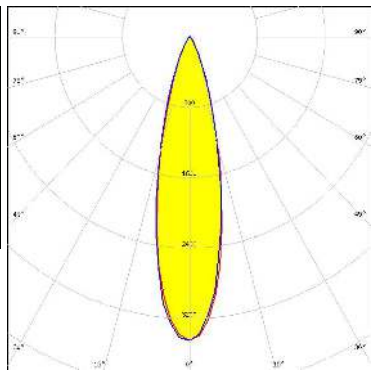
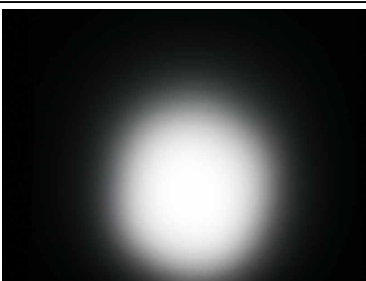
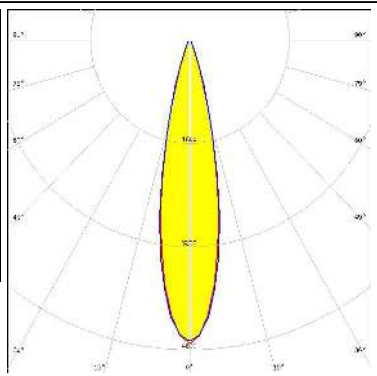

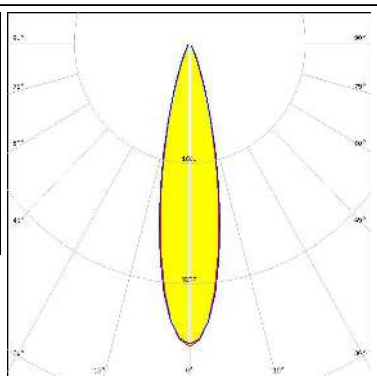
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10755_CUTE-3-M » Box size: 480 x 280 x 300 mm	630	90	45	7.0



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

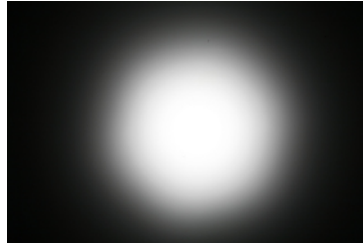
OPTICAL RESULTS (MEASURED):

<p>CREE ⇄ LED</p> <p>LED XM-L FWHM / FWTM 25.0° / 48.0° Efficiency 90 % Peak intensity 3.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED XM-L2 FWHM / FWTM 26.0° / 50.0° Efficiency 89 % Peak intensity 3.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED XP-E FWHM / FWTM 22.0° / 40.0° Efficiency 92 % Peak intensity 4.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED XP-G FWHM / FWTM 23.0° / 42.0° Efficiency 92 % Peak intensity 4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

OPTICAL RESULTS (MEASURED):

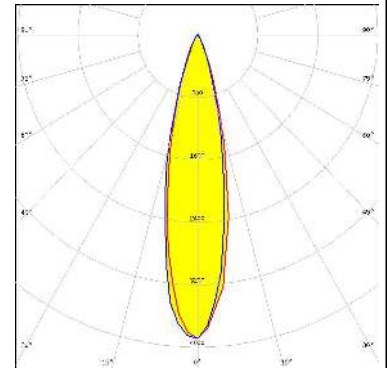
CREE LED

LED XP-G2
 FWHM / FWTM 22.0° / 43.0°
 Efficiency 88 %
 Peak intensity 4.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XT-E
 FWHM / FWTM 23.0° / 45.0°
 Efficiency 85 %
 Peak intensity 3.9 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:

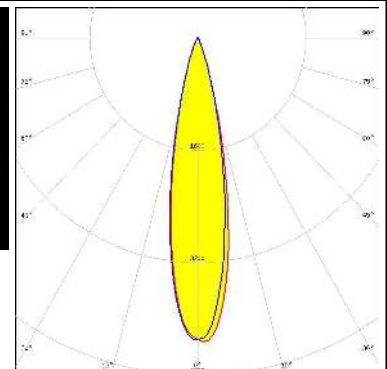
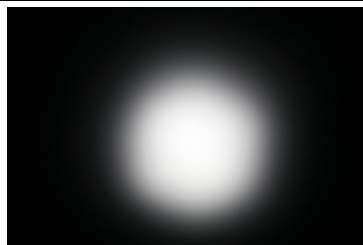


LUMILEDS

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

LUMILEDS

LED LUXEON Rebel
 FWHM / FWTM 23.0° / 40.0°
 Efficiency 88 %
 Peak intensity 4.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):



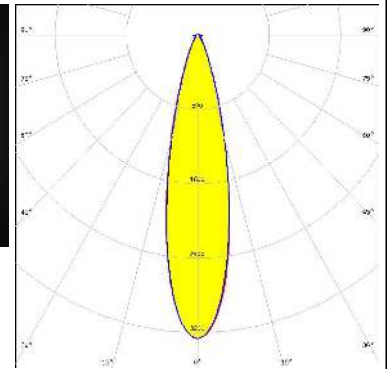
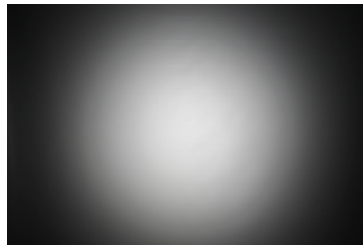
LED LUXEON Rebel ES
FWHM / FWTM 24.0°
Efficiency 88 %
LEDs/each optic 1
Light colour White
Required components:



LED NCSxx19A
FWHM / FWTM 25.0°
Efficiency 89 %
LEDs/each optic 1
Light colour White
Required components:

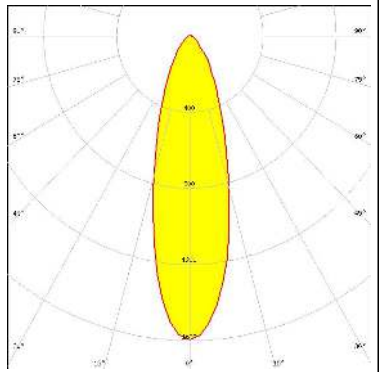

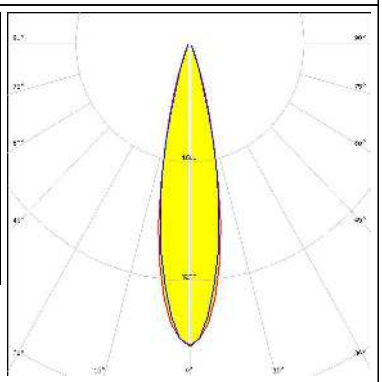

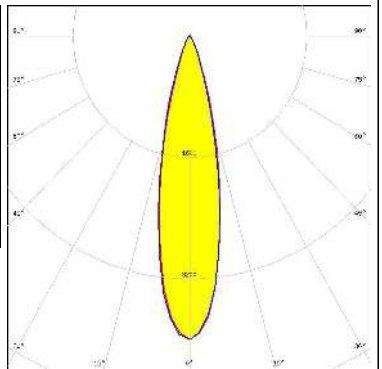


LED NVSxx19A
FWHM / FWTM 24.0° / 48.0°
Efficiency 93 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Opto Semiconductors
LED OSLOM Square EC
FWHM / FWTM 28.0° / 60.0°
Efficiency %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OPTICAL RESULTS (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSLON SSL 150</p> <p>FWHM / FWTM 31.0° / 58.0°</p> <p>Efficiency %</p> <p>Peak intensity 1.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON SSL 80</p> <p>FWHM / FWTM 23.0° / 38.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 4.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED Z5</p> <p>FWHM / FWTM 22.0°</p> <p>Efficiency %</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2</p> <p>FWHM / FWTM 24.0° / 45.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

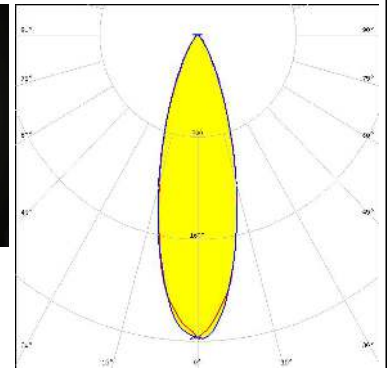
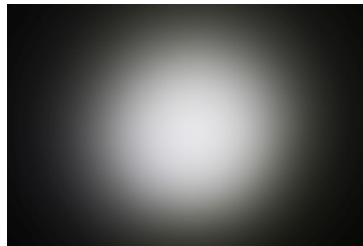
OPTICAL RESULTS (SIMULATED):

CREE → LED

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

CREE → LED

LED XP-G3
 FWHM / FWTM 31.0° / 60.0°
 Efficiency 91 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

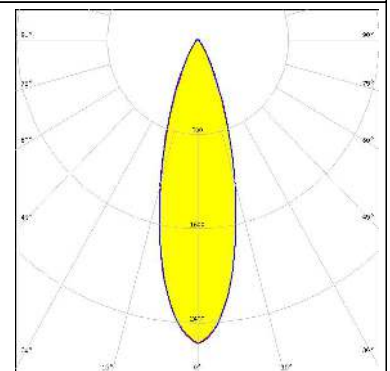


CREE → LED

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

SAMSUNG

LED LH351B
 FWHM / FWTM 30.0° / 57.0°
 Efficiency 93 %
 Peak intensity 2.6 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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