

CUTE-3-SS

~12° smooth spot beam with 3 mm high location pins

SPECIFICATION:

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

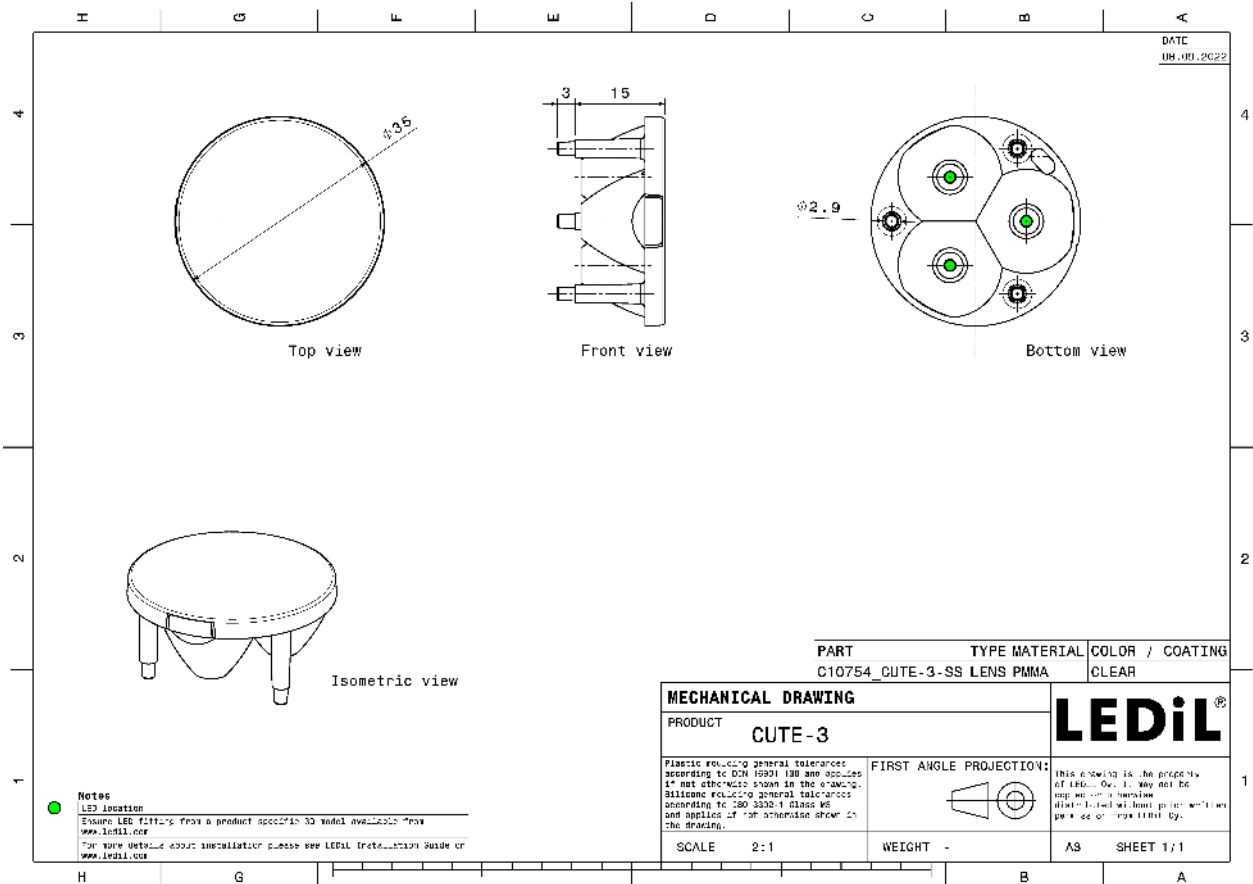


MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10754_CUTE-3-SS » Box size: 480 x 280 x 300 mm	630	90	45	6.9

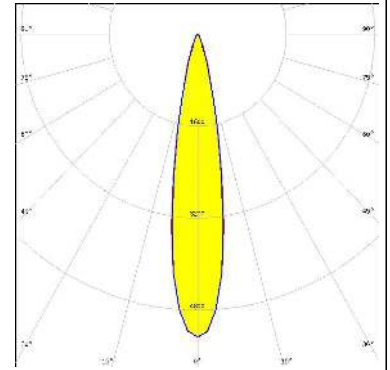


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

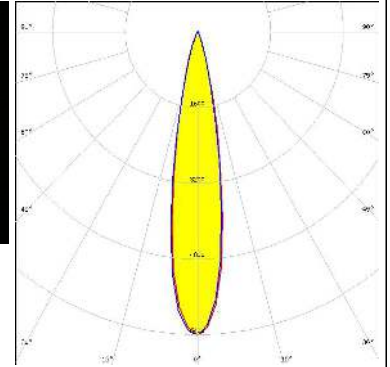
CREE → LED

LED XM-L
 FWHM / FWTM 19.0° / 38.0°
 Efficiency 91 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



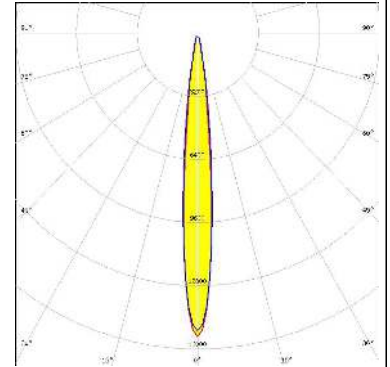
CREE → LED

LED XM-L2
 FWHM / FWTM 20.0° / 37.0°
 Efficiency 90 %
 Peak intensity 6.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



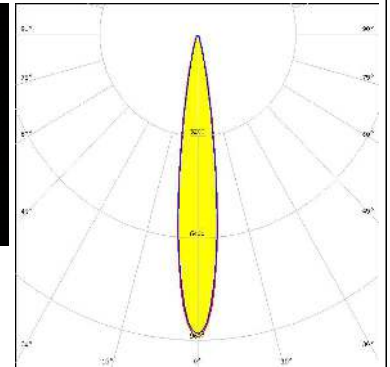
CREE → LED

LED XP-E
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 93 %
 Peak intensity 15.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE → LED

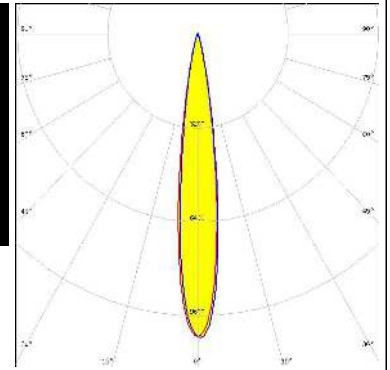
LED XP-G
 FWHM / FWTM 15.0° / 28.0°
 Efficiency 93 %
 Peak intensity 9.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

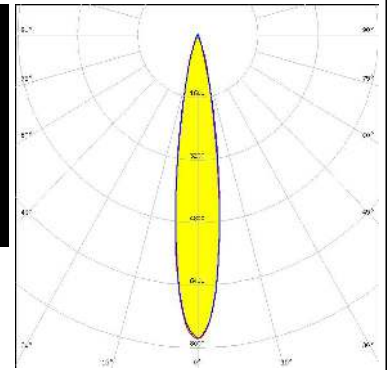
CREE LED

LED XP-G2
 FWHM / FWTM 14.0° / 27.0°
 Efficiency 94 %
 Peak intensity 10.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



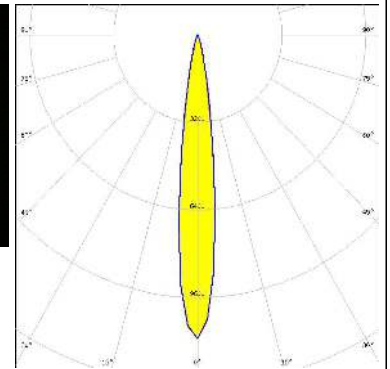
CREE LED

LED XP-G2 HE
 FWHM / FWTM 17.0° / 33.0°
 Efficiency 96 %
 Peak intensity 7.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE LED

LED XT-E
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 88 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



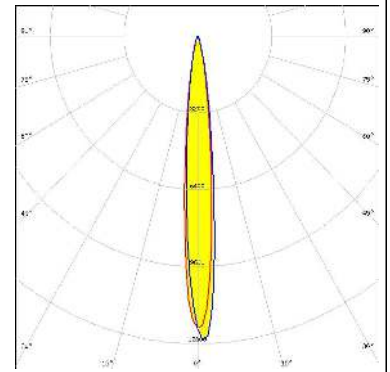
LUMILEDS

LED LUXEON A
 FWHM / FWTM 13.0°
 Efficiency 91 %
 LEDs/each optic 1
 Light colour White
 Required components:

OPTICAL RESULTS (MEASURED):

LUMILEDS

LED LUXEON Rebel
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 91 %
 Peak intensity 12.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

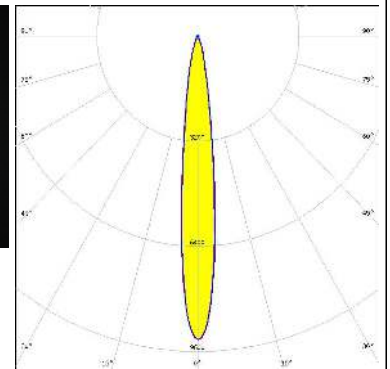
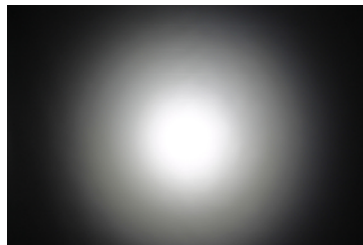
LED LUXEON Rebel ES
 FWHM / FWTM 13.0°
 Efficiency 91 %
 LEDs/each optic 1
 Light colour White
 Required components:

NICHIA

LED NCSxx19A
 FWHM / FWTM 12.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour White
 Required components:

NICHIA

LED NVSxx19A
 FWHM / FWTM 13.0° / 29.0°
 Efficiency 94 %
 Peak intensity 9.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

OSRAM

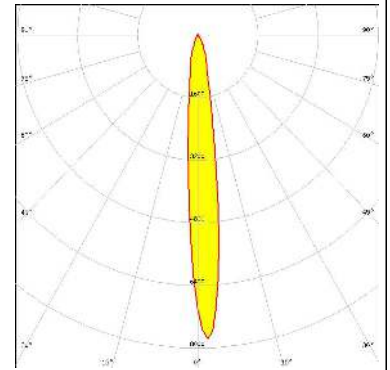
Opto Semiconductors

LED OSLON Square EC
 FWHM / FWTM 17.0° / 32.0°
 Efficiency 83 %
 Peak intensity 8.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

OSRAM

Opto Semiconductors

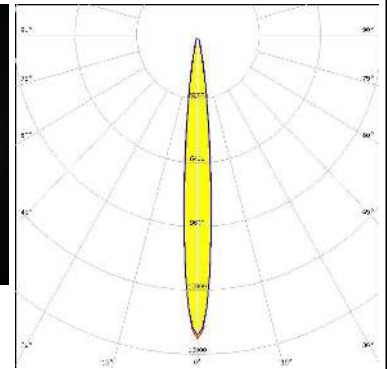
LED OSLON SSL 150
 FWHM / FWTM 13.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

LED OSLON SSL 80
 FWHM / FWTM 10.0° / 22.0°
 Efficiency 90 %
 Peak intensity 15.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



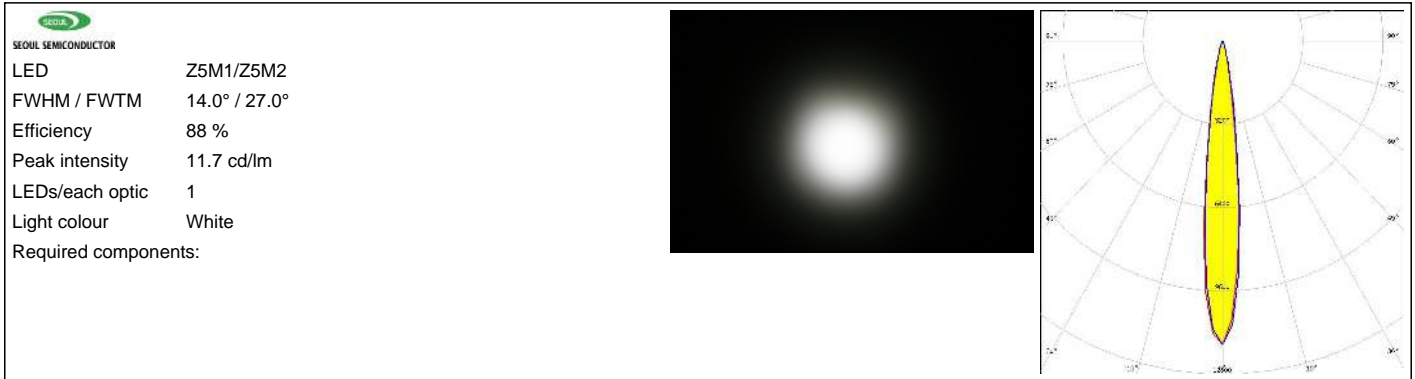
SECOUL

SEIOUL SEMICONDUCTOR



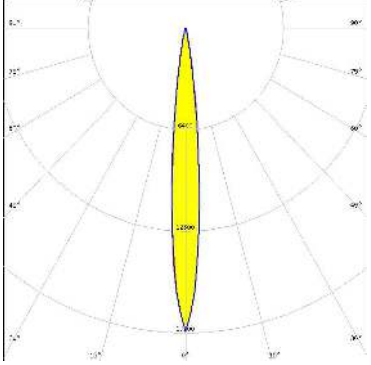


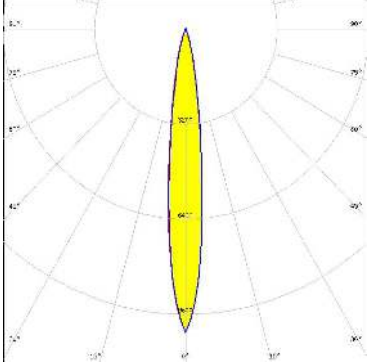
LED Z5
 FWHM / FWTM 10.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):



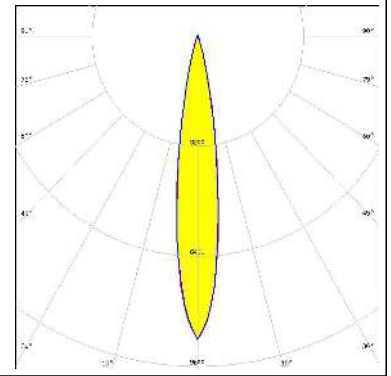
OPTICAL RESULTS (SIMULATED):

		
LED	XM-L HVW	
FWHM / FWTM	19.0°	
Efficiency	%	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	XP-E2	
FWHM / FWTM	10.0° / 21.0°	
Efficiency	95 %	
Peak intensity	19.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
		
LED	XT-E HVW	
FWHM / FWTM	15.0°	
Efficiency	%	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	LUXEON IR Domed 60	
FWHM / FWTM	13.0° / 29.0°	
Efficiency	94 %	
Peak intensity	10.2 cd/lm	
LEDs/each optic	1	
Light colour	IR	
Required components:		
		

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH351B
FWHM / FWTM	16.0° / 30.0°
Efficiency	95 %
Peak intensity	8.8 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:

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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