

EVA-SS

~15° smooth spot beam. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 37.7 mm
Height	17.2 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

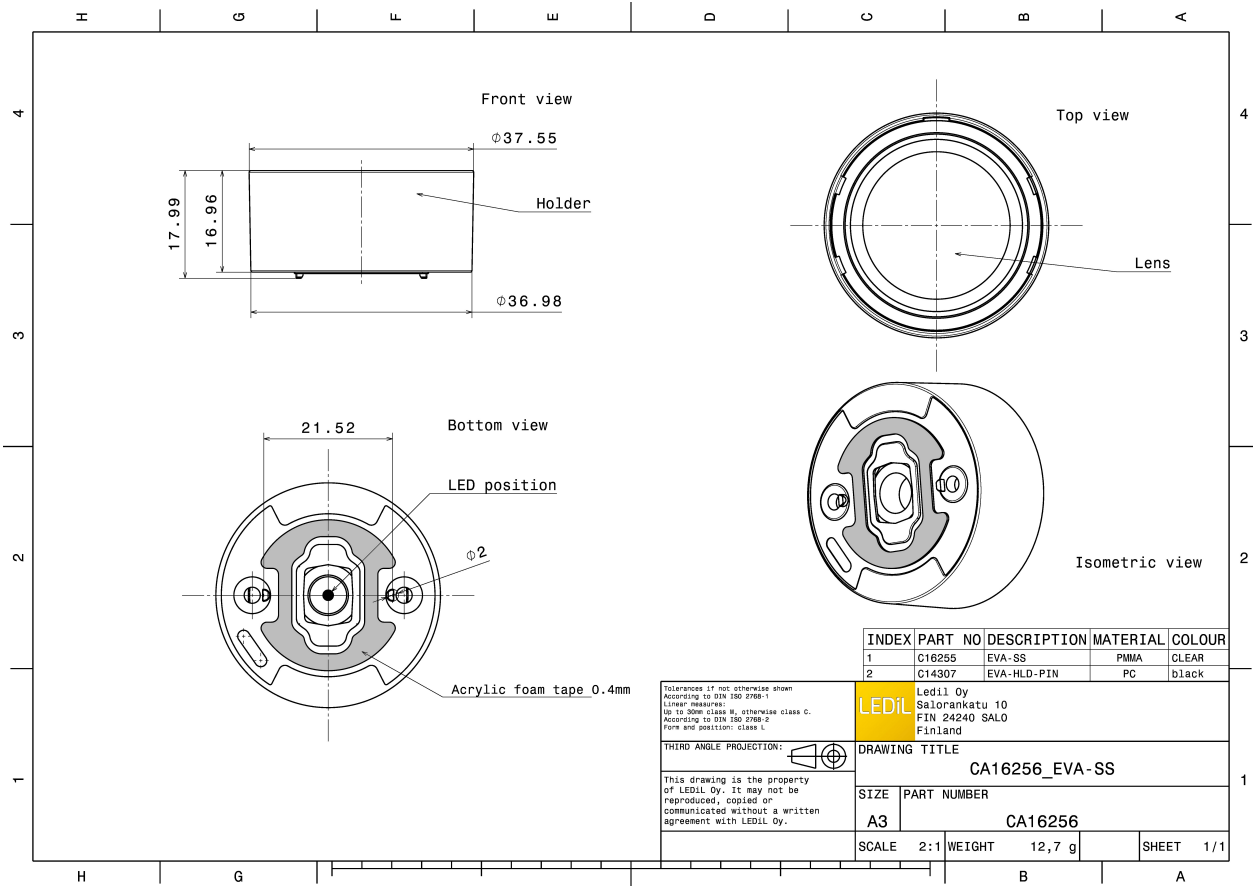


MATERIALS:

Component	Type	Material	Colour	Finish
EVA-SS	Single lens	PMMA	clear	
EVA-HLD-PIN	Holder	PC	black	
SPUTNIK-TAPE3	Tape	Acrylic foam	black	


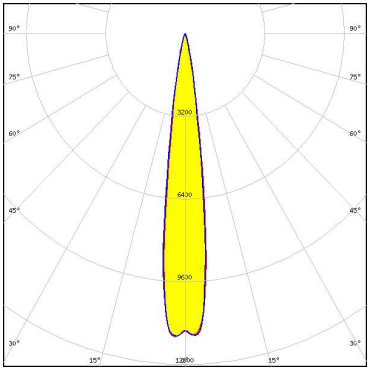

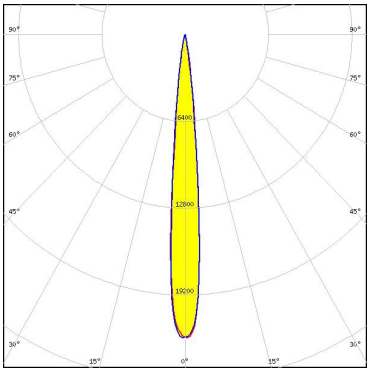

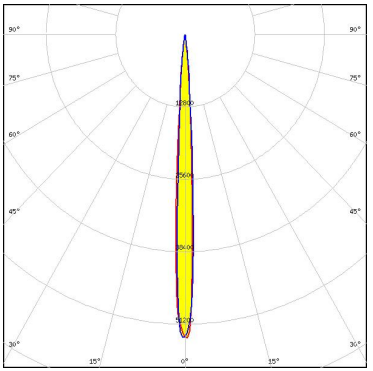

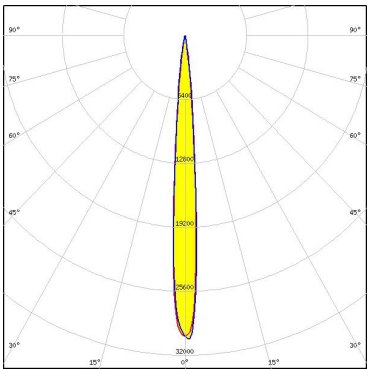
ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA16256_EVA-SS	Single lens	675	90	45	10.0
» Box size: 480 x 280 x 300 mm					



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

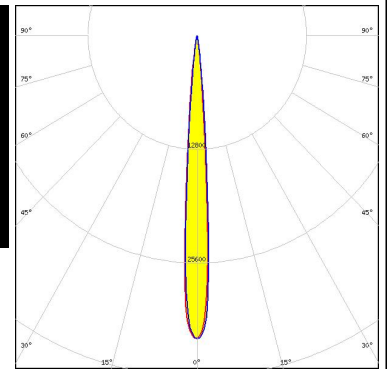
OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</p> <p>LED XHP35 HD FWHM / FWTM 14.0° / 25.0° Efficiency 92 % Peak intensity 18 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XHP35 HI FWHM / FWTM 10.0° / 19.0° Efficiency 93 % Peak intensity 22 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XP-E FWHM / FWTM 6.0° / 13.0° Efficiency 93 % Peak intensity 53.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE LEDs</p> <p>LED XP-G2 FWHM / FWTM 8.0° / 17.0° Efficiency 93 % Peak intensity 30 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

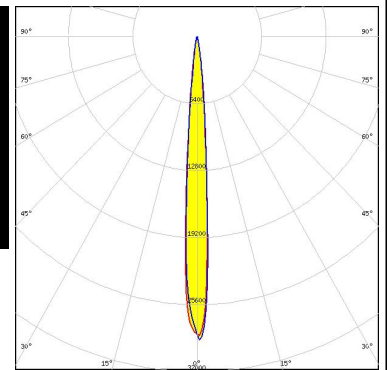
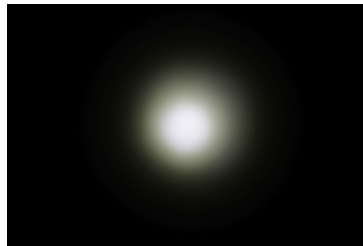
OPTICAL RESULTS (MEASURED):



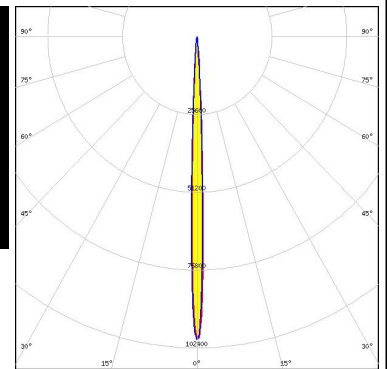
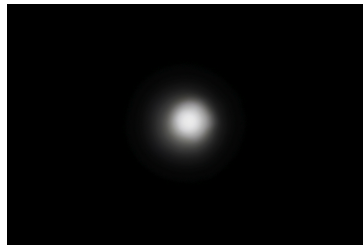
LED XP-L HI
 FWHM / FWTM 8.0° / 15.0°
 Efficiency 93 %
 Peak intensity 34.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



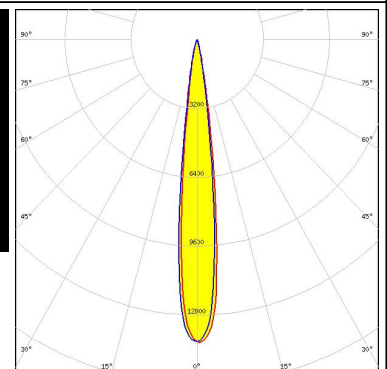
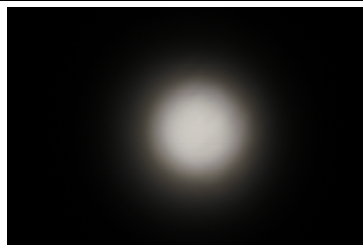
LED XT-E
 FWHM / FWTM 8.0° / 17.0°
 Efficiency 91 %
 Peak intensity 29 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON CZ
 FWHM / FWTM 4.0° / 9.0°
 Efficiency 94 %
 Peak intensity 99.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



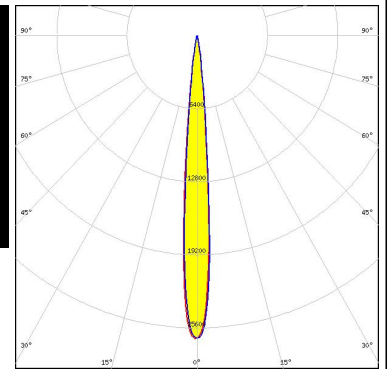
LED LUXEON V
 FWHM / FWTM 13.0° / 23.0°
 Efficiency 91 %
 Peak intensity 14 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

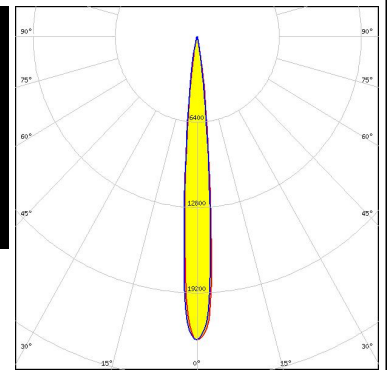
LUMILEDS

LED LUXEON V2
 FWHM / FWTM 9.0° / 17.0°
 Efficiency 92 %
 Peak intensity 26.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

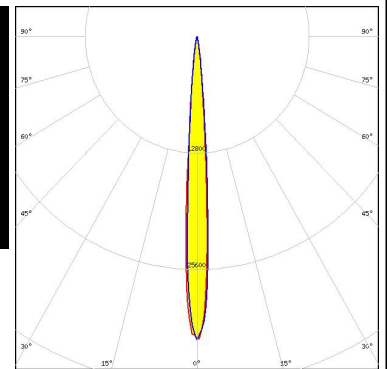
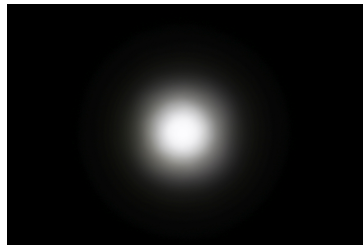
LED NVSW219F
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 92 %
 Peak intensity 22.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

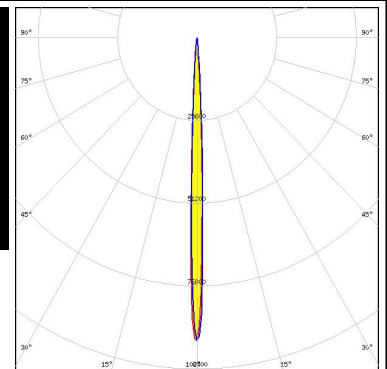
LED OSCONIQ P 3737 (2W version)
 FWHM / FWTM 8.0° / 15.0°
 Efficiency 94 %
 Peak intensity 33.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

LED OSLON Black Flat (LUW HWQP)
 FWHM / FWTM 4.0° / 9.0°
 Efficiency 94 %
 Peak intensity 94 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

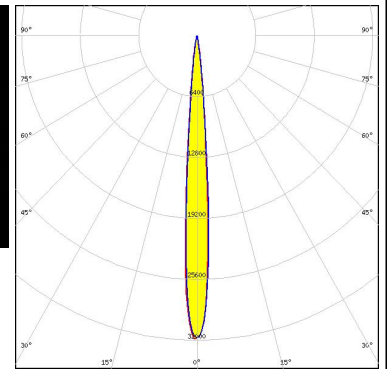


OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

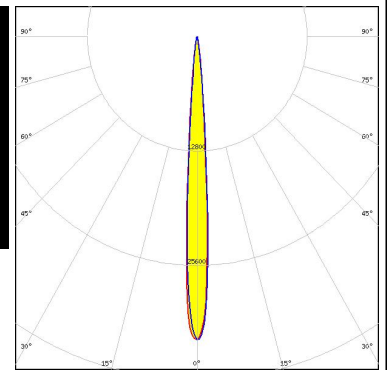
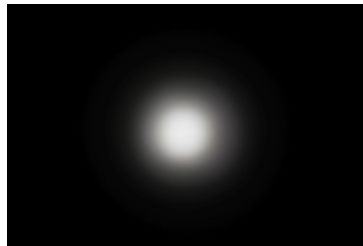
LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 92 %
 Peak intensity 32 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

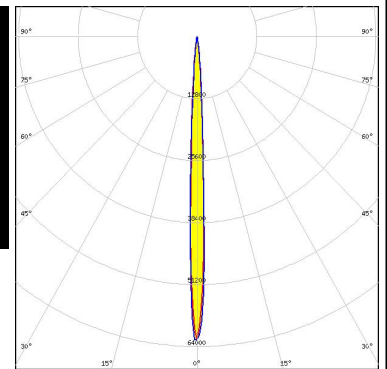
LED OSLON Square EC
 FWHM / FWTM 8.0° / 15.0°
 Efficiency 91 %
 Peak intensity 33.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

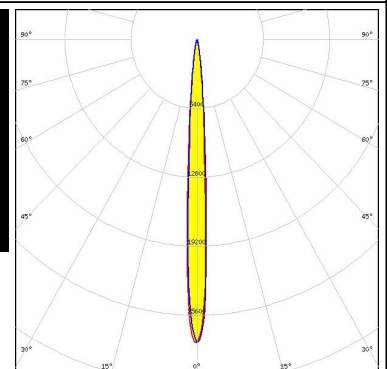
Opto Semiconductors

LED OSLON SSL 150
 FWHM / FWTM 5.0° / 12.0°
 Efficiency 93 %
 Peak intensity 63 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

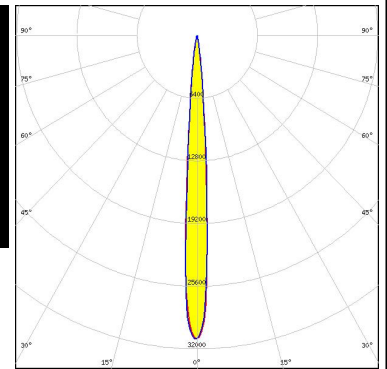
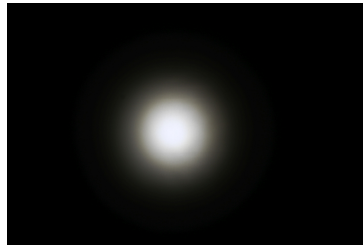
LED LH181A
 FWHM / FWTM 7.0° / 16.0°
 Efficiency 87 %
 Peak intensity 28.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

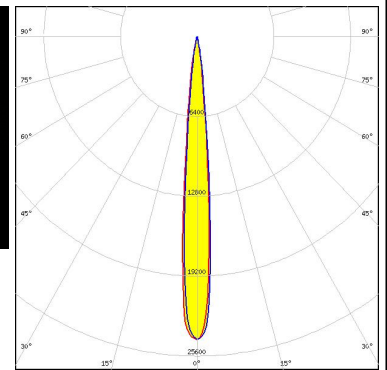
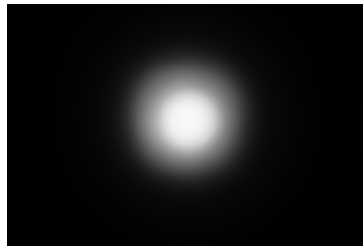
SAMSUNG

LED LH181B
 FWHM / FWTM 7.8° / 16.0°
 Efficiency 92 %
 Peak intensity 31 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



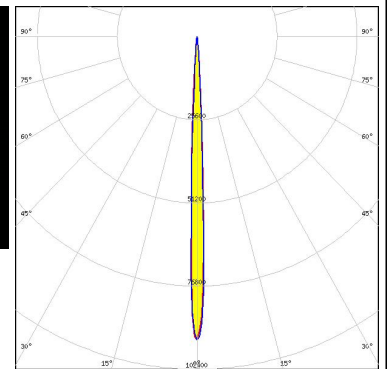
SAMSUNG

LED LH351B
 FWHM / FWTM 10.0° / 18.0°
 Efficiency 93 %
 Peak intensity 24.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED nPola
 FWHM / FWTM 5.0° / 9.0°
 Efficiency 94 %
 Peak intensity 94 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



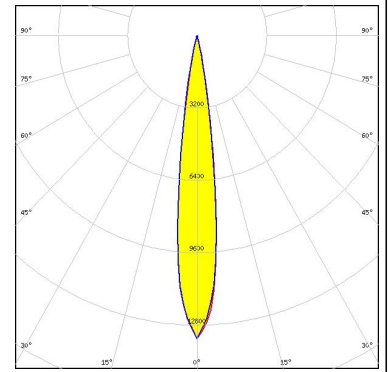
OPTICAL RESULTS (SIMULATED):

<p>CREE LEDs</p> <p>LED: XE-G FWHM / FWTM: 8.0° / 16.0° Efficiency: 92 % Peak intensity: 30.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LEDs</p> <p>LED: XHP50.2 FWHM / FWTM: 20.0° / 34.0° Efficiency: 90 % Peak intensity: 6.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LEDs</p> <p>LED: XP-E2 FWHM / FWTM: 8.0° / 16.0° Efficiency: 93 % Peak intensity: 34.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE LEDs</p> <p>LED: XP-P FWHM / FWTM: 8.0° / 14.0° Efficiency: 94 % Peak intensity: 37.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):



LED	LUXEON MZ
FWHM / FWTM	14.0° / 24.0°
Efficiency	94 %
Peak intensity	13.4 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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