

## 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 ⓘ

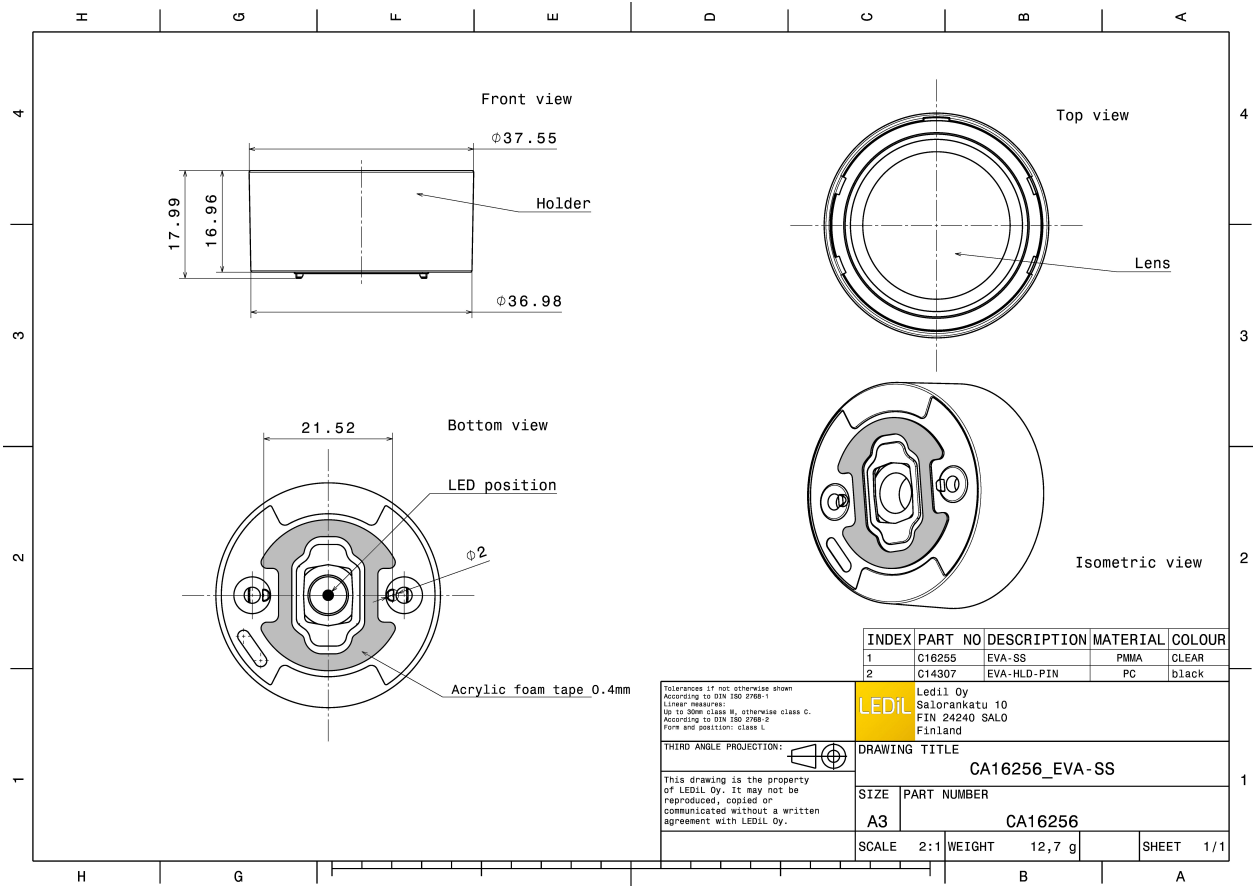
### MATERIALS:

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					



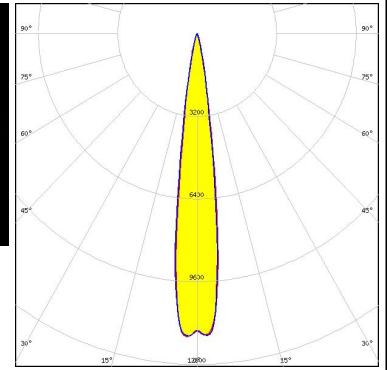


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

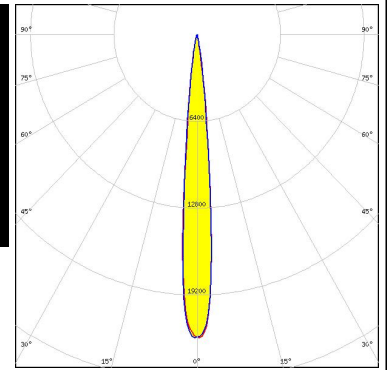
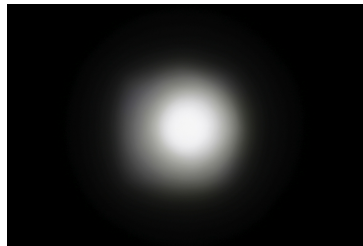
##### CREE → LED

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:



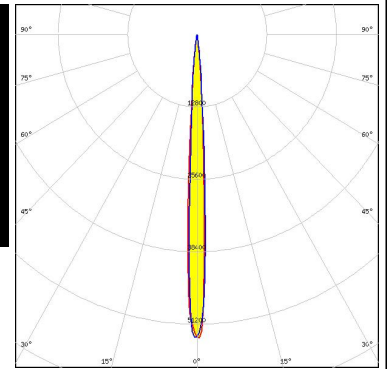
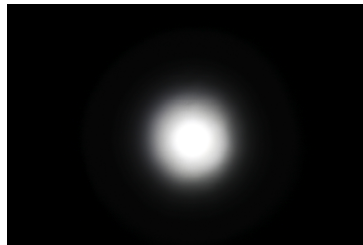
##### CREE → LED

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:



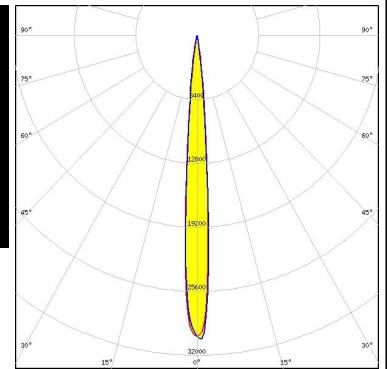
##### CREE → LED

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:



##### CREE → LED

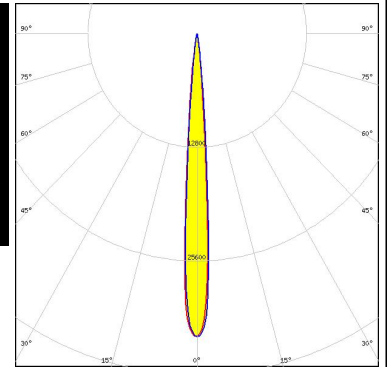
LED XP-G2  
 FWHM / FWTM 8.0° / 17.0°  
 Efficiency 93 %  
 Peak intensity 30 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (MEASURED):

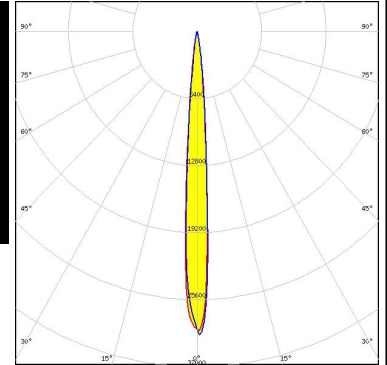
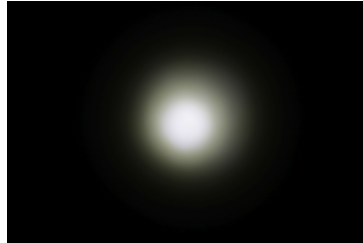
#### CREE LED

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:



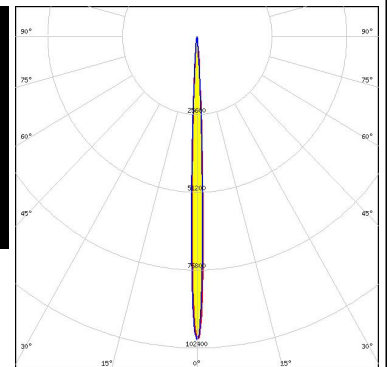
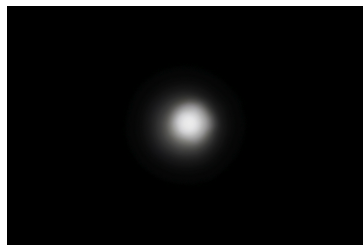
#### CREE LED

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:



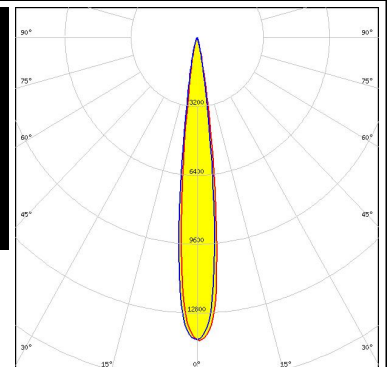
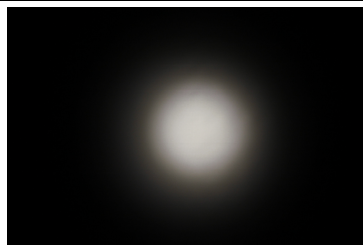
#### LUMILEDS

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:



#### LUMILEDS

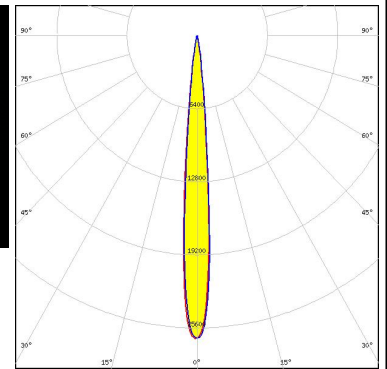
LED LUXEON V  
 FWHM / FWTM 13.0° / 23.0°  
 Efficiency 91 %  
 Peak intensity 14 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (MEASURED):

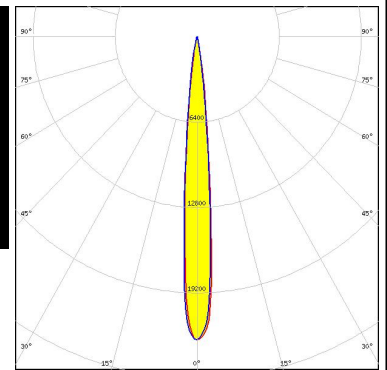
#### LUMILEDS

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

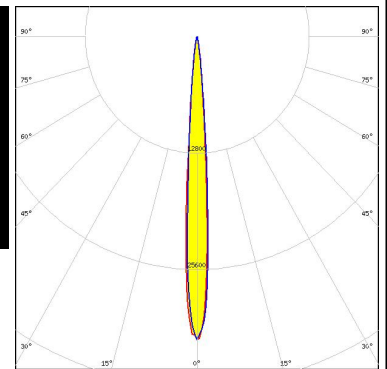
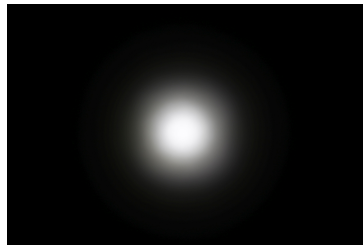
LED NVSW219F  
 FWHM / FWTM 10.0° / 19.0°  
 Efficiency 92 %  
 Peak intensity 22.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Opto Semiconductors

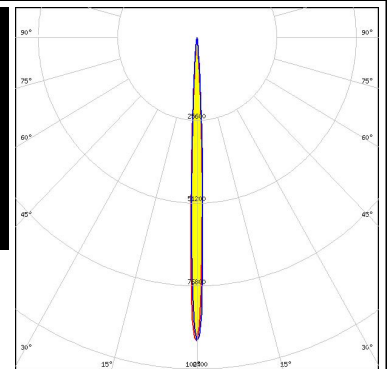
LED OSCONIQ P 3737 (2W version)  
 FWHM / FWTM 8.0° / 15.0°  
 Efficiency 94 %  
 Peak intensity 33.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### 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:

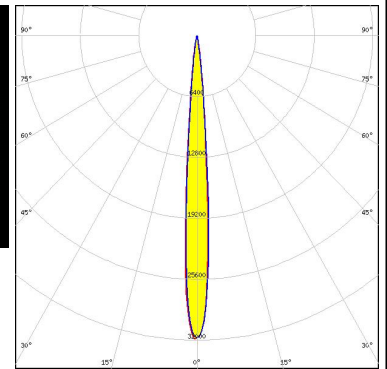


#### OPTICAL RESULTS (MEASURED):

##### OSRAM

Opto Semiconductors

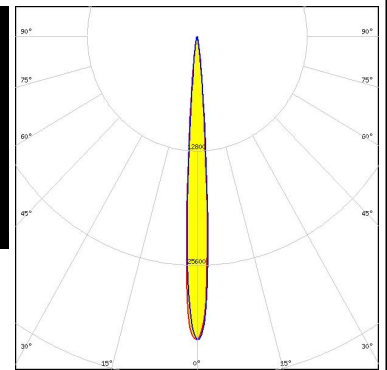
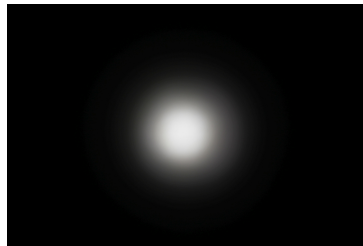
LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 92 %  
 Peak intensity 32 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

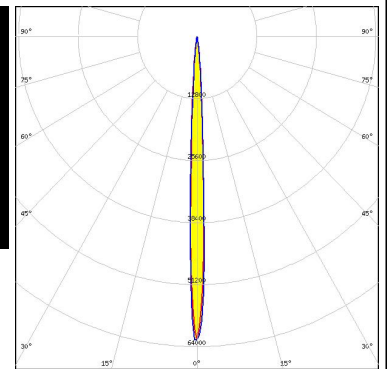
LED OSLON Square EC  
 FWHM / FWTM 8.0° / 15.0°  
 Efficiency 91 %  
 Peak intensity 33.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

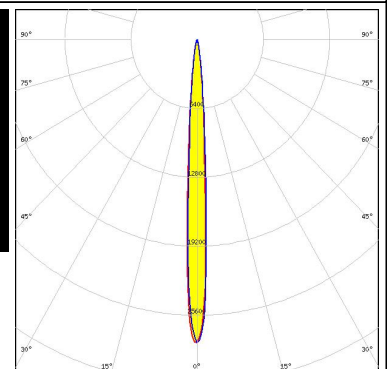
Opto Semiconductors

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

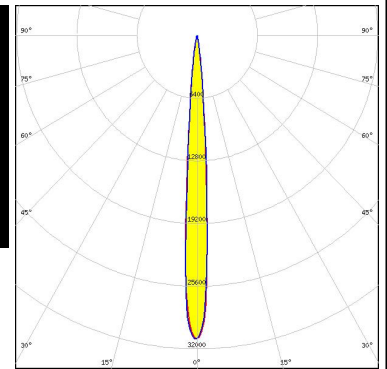
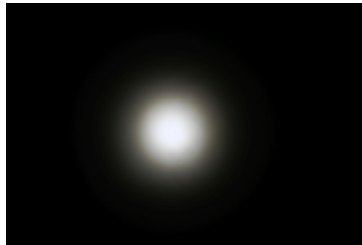
LED LH181A  
 FWHM / FWTM 7.0° / 16.0°  
 Efficiency 87 %  
 Peak intensity 28.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

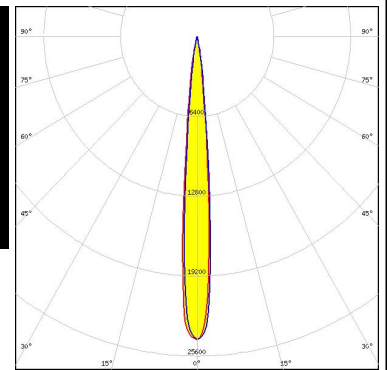
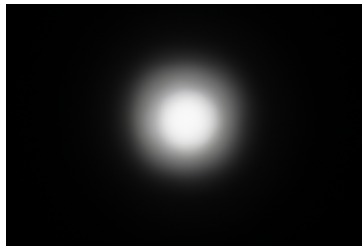
### SAMSUNG

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



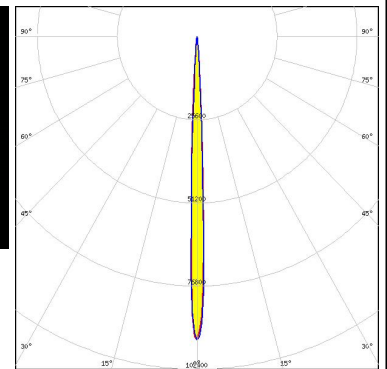
### SAMSUNG

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

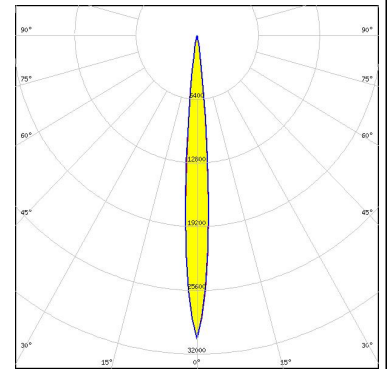
LED nPola  
 FWHM / FWTM 5.0° / 9.0°  
 Efficiency 94 %  
 Peak intensity 94 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (SIMULATED):

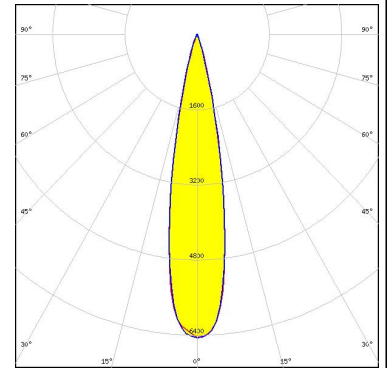
#### CREE LED

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:



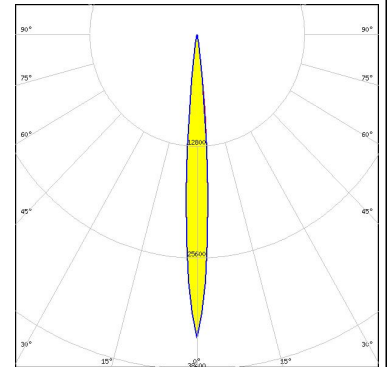
#### CREE LED

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:



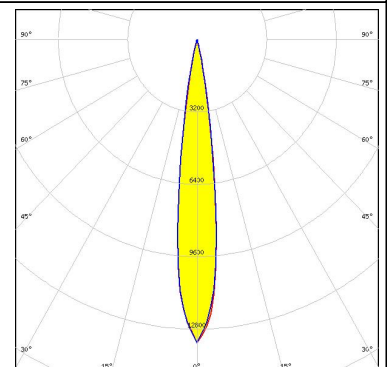
#### CREE LED

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:



#### LUMILEDS

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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