

LEILA-Y-SS

~14° smooth spot beam. 14.8 mm high assembly with holder, installation tape and pins.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

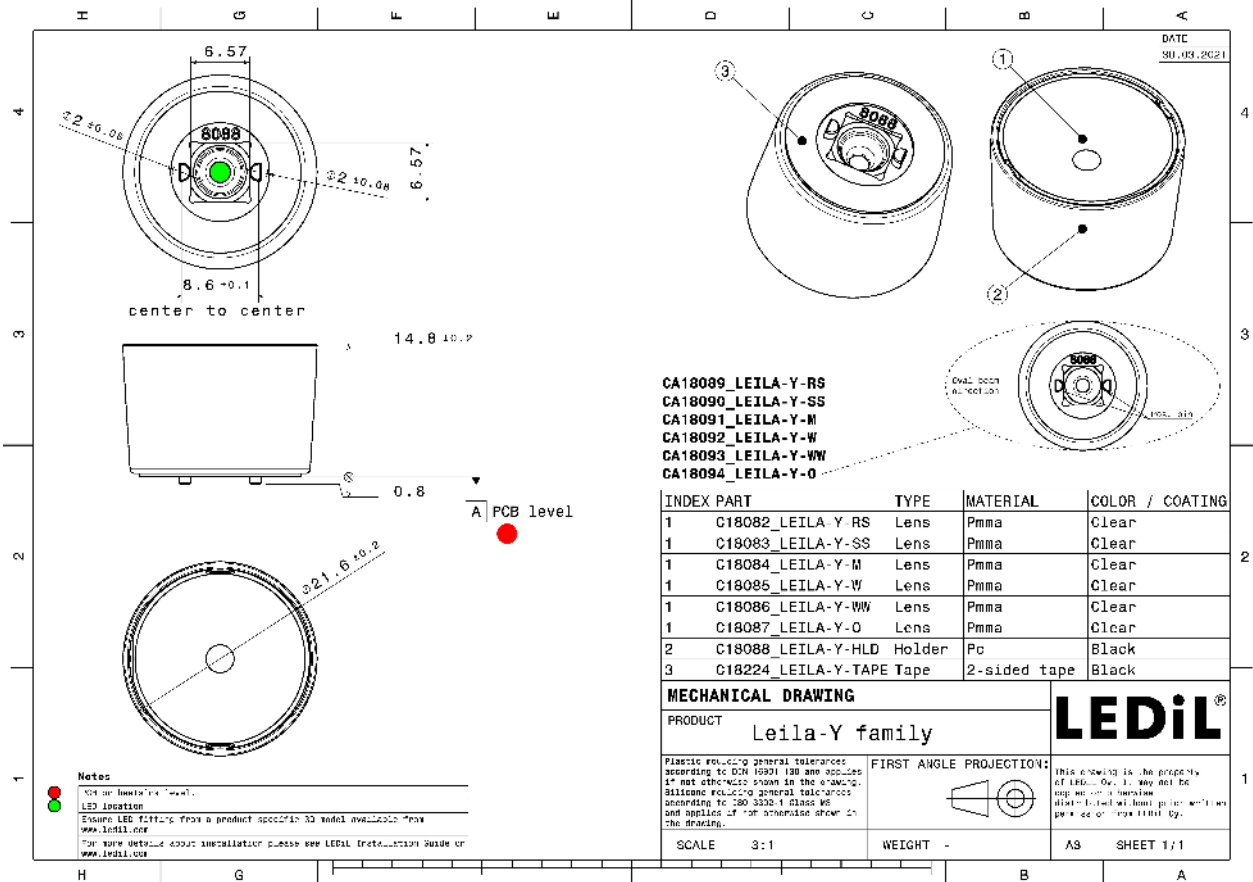
MATERIALS:

Component	Type	Material	Colour	Finish
LEILA-Y-SS	Single lens	PMMA	clear	gloss
LEILA-Y-HLD	Holder	PC	black	gloss
LEILA-Y-TAPE	Tape	Acrylic foam		

ORDERING INFORMATION:


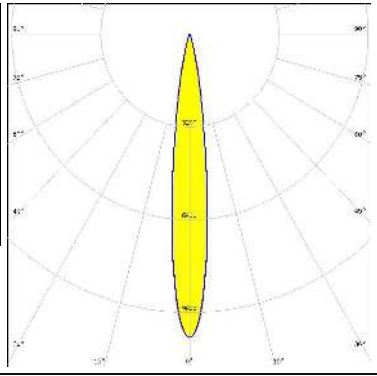
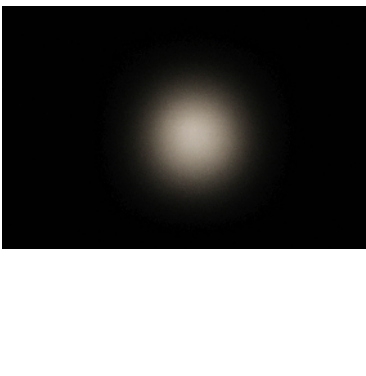
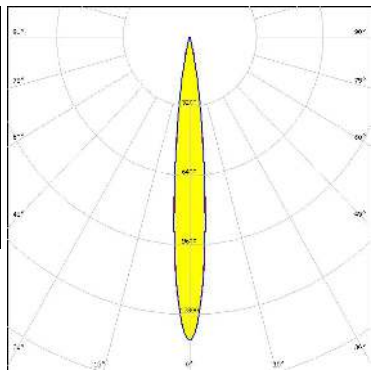
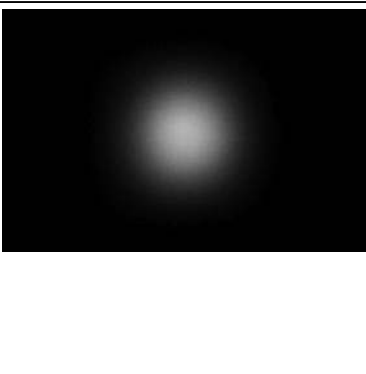
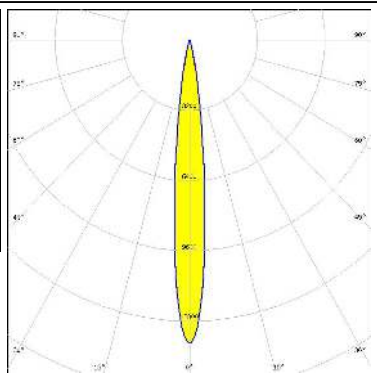
Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA18090_LEILA-Y-SS » Box size: 476 x 273 x 197 mm	1800	180	180	7.2




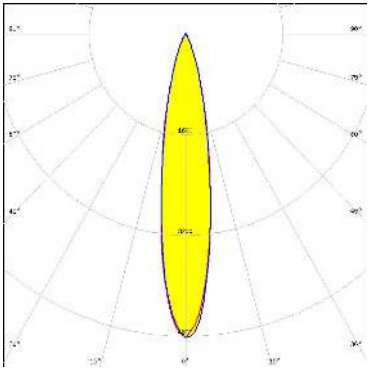

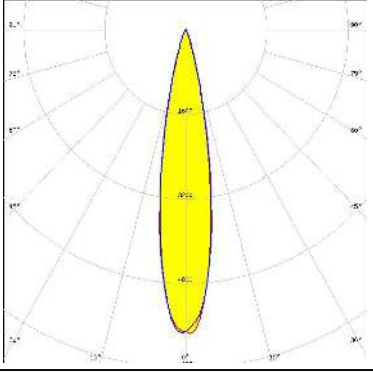

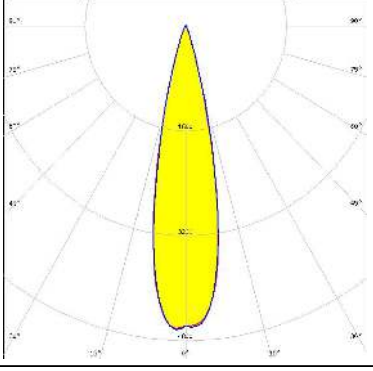

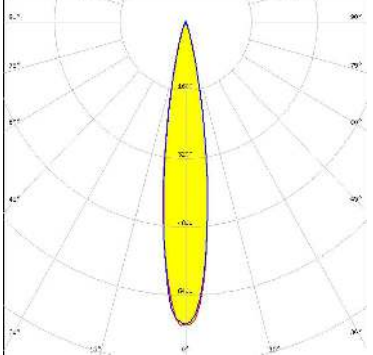


See also our general installation guide: www.ledil.com/installation_guide


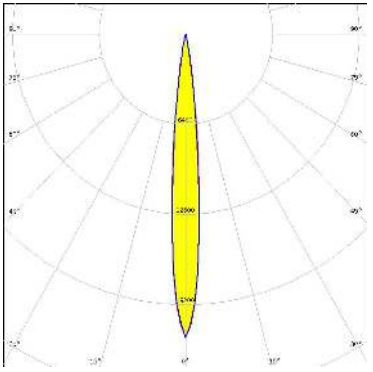

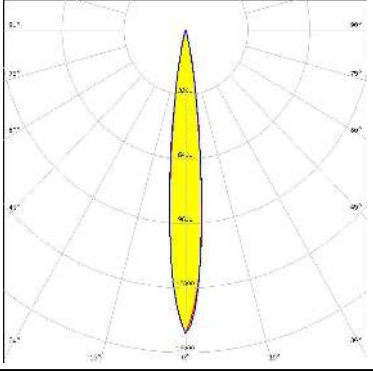

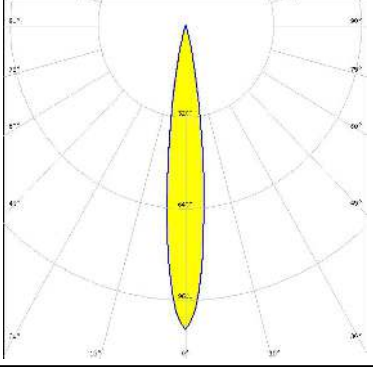

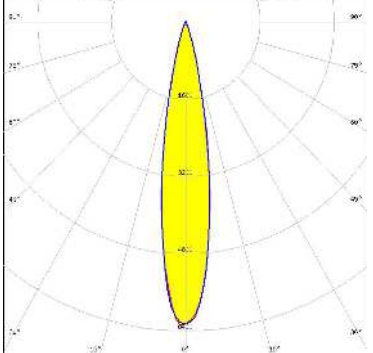
OPTICAL RESULTS (MEASURED):

<p>CREE LED</p> <p>LED XHP35 HI FWHM / FWTM 14.0° / 27.0° Efficiency 83 % Peak intensity 10.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSW719AC FWHM / FWTM 12.0° / 24.0° Efficiency 85 % Peak intensity 14 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM / FWTM 12.0° / 24.0° Efficiency 84 % Peak intensity 13.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

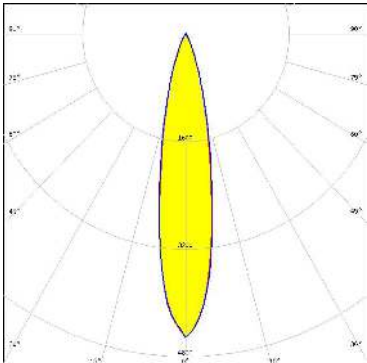
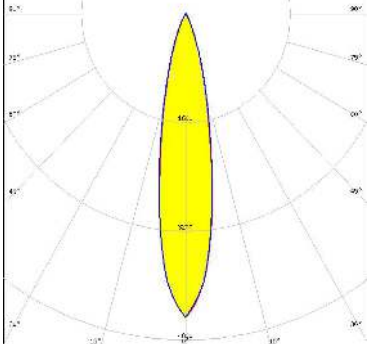
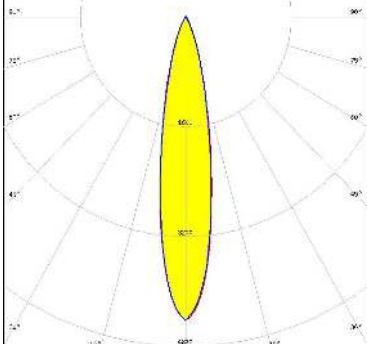
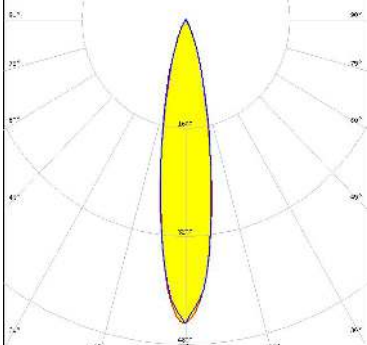
OPTICAL RESULTS (SIMULATED):

	<p>LED J Series 5050 Round LES</p> <p>FWHM / FWTM 19.0° / 42.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 4.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
	<p>LED XHP35 HD</p> <p>FWHM / FWTM 20.0° / 36.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 5.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
	<p>LED XM-L RGBW (XMLDCL HD)</p> <p>FWHM / FWTM 24.0° / 38.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 4.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>	
	<p>LED XM-L3</p> <p>FWHM / FWTM 17.0° / 31.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

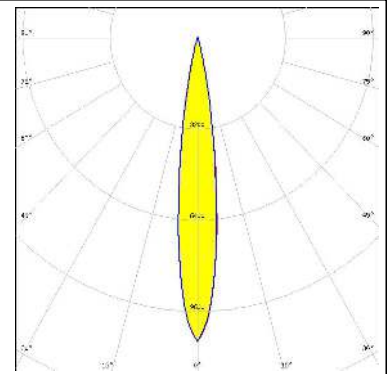
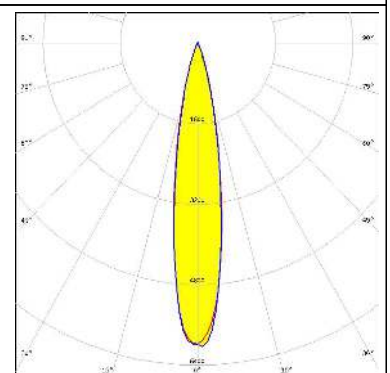
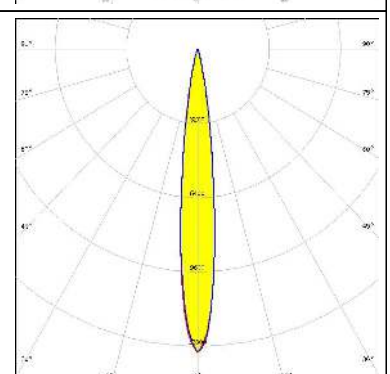
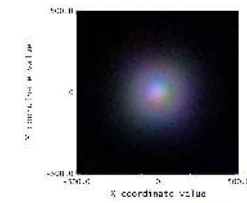
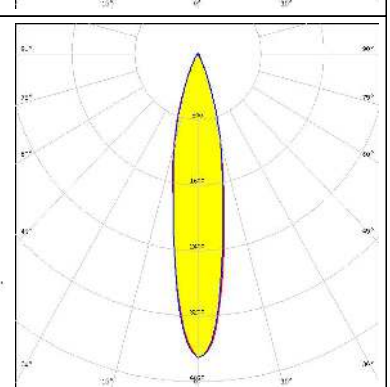
OPTICAL RESULTS (SIMULATED):

	<p>LED: XP-E2 FWHM / FWTM: 11.0° / 20.0° Efficiency: 91 % Peak intensity: 21 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
	<p>LED: XP-G2 FWHM / FWTM: 13.0° / 24.0° Efficiency: 90 % Peak intensity: 15 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
	<p>LED: XP-G3 FWHM / FWTM: 14.0° / 27.0° Efficiency: 84 % Peak intensity: 10 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
	<p>LED: XP-L2 FWHM / FWTM: 18.0° / 34.0° Efficiency: 81 % Peak intensity: 6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

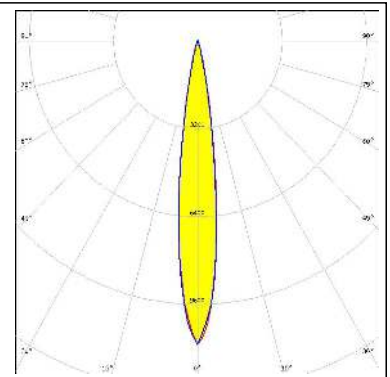
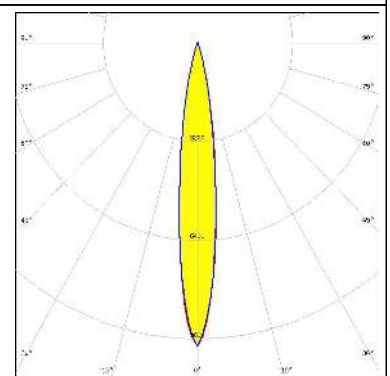
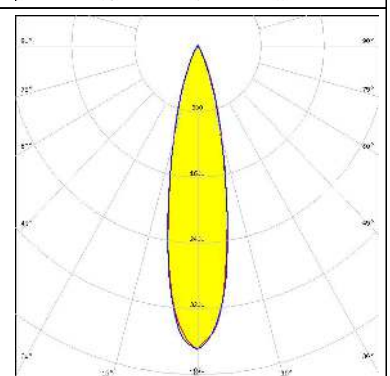
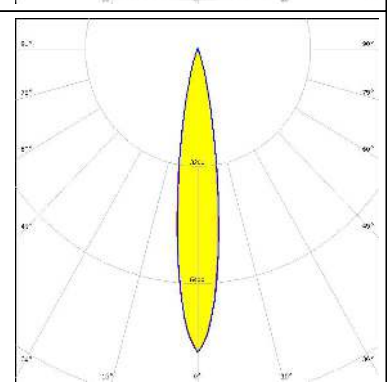
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON 5050 Round LES</p> <p>FWHM / FWTM 20.0° / 43.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 4.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON 5050 Round LES</p> <p>FWHM / FWTM 20.0° / 42.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 4.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON 5050 Square LES</p> <p>FWHM / FWTM 20.0° / 44.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 4.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED LUXEON 5050 Square LES</p> <p>FWHM / FWTM 20.0° / 43.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 4.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

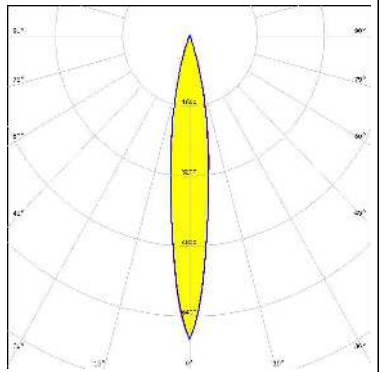

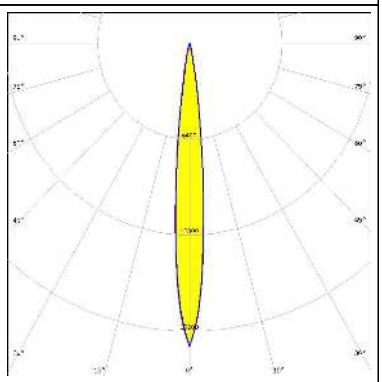
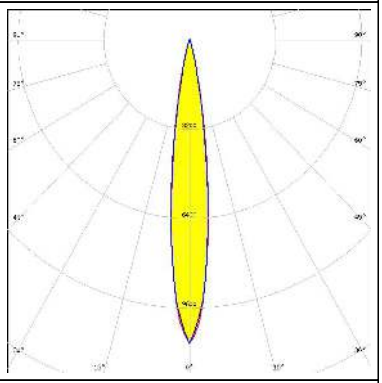
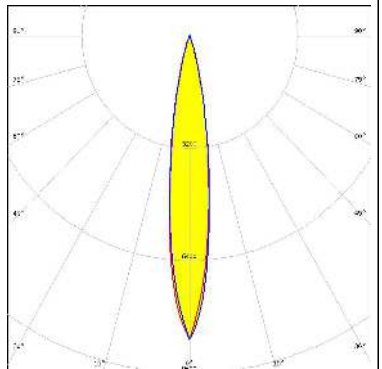
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON HL2X FWHM / FWTM: 14.0° / 28.0° Efficiency: 87 % Peak intensity: 10.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON MZ FWHM / FWTM: 18.0° / 36.0° Efficiency: 84 % Peak intensity: 6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON TX FWHM / FWTM: 13.0° / 25.0° Efficiency: 88 % Peak intensity: 13 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NCSxE17A FWHM / FWTM: 20.0° / 46.0° Efficiency: 75 % Peak intensity: 3.7 cd/lm LEDs/each optic: 4 Light colour: RGBW Required components:</p>	<div style="display: flex; align-items: center;">   </div>

OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 14.0° / 27.0° Efficiency 88 % Peak intensity 11 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM 14.0° / 30.0° Efficiency 84 % Peak intensity 9.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris S8 FWHM / FWTM 23.0° / 47.0° Efficiency 80 % Peak intensity 3.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 3737 (3W version) FWHM / FWTM 16.0° / 32.0° Efficiency 86 % Peak intensity 8.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: OSLOM PURE 1010</p> <p>FWHM / FWTM: 15.0° / 34.0°</p> <p>Efficiency: 79 %</p> <p>Peak intensity: 6.9 cd/lm</p> <p>LEDs/each optic: 4</p> <p>Light colour: White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED: OSLOM SSL 150</p> <p>FWHM / FWTM: 11.0° / 21.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 20 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		
<p>SAMSUNG</p> <p>LED: LH351B</p> <p>FWHM / FWTM: 14.0° / 28.0°</p> <p>Efficiency: 86 %</p> <p>Peak intensity: 11 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		
<p>SECO SEOUL SEMICONDUCTOR</p> <p>LED: Z5M4</p> <p>FWHM / FWTM: 16.0° / 32.0°</p> <p>Efficiency: 87 %</p> <p>Peak intensity: 8.7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>		

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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