

YASMEEN-30-RS

~11° spot beam. Variant with holder.

SPECIFICATION:

Dimensions	Ø 32.0 mm
Height	18.9 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

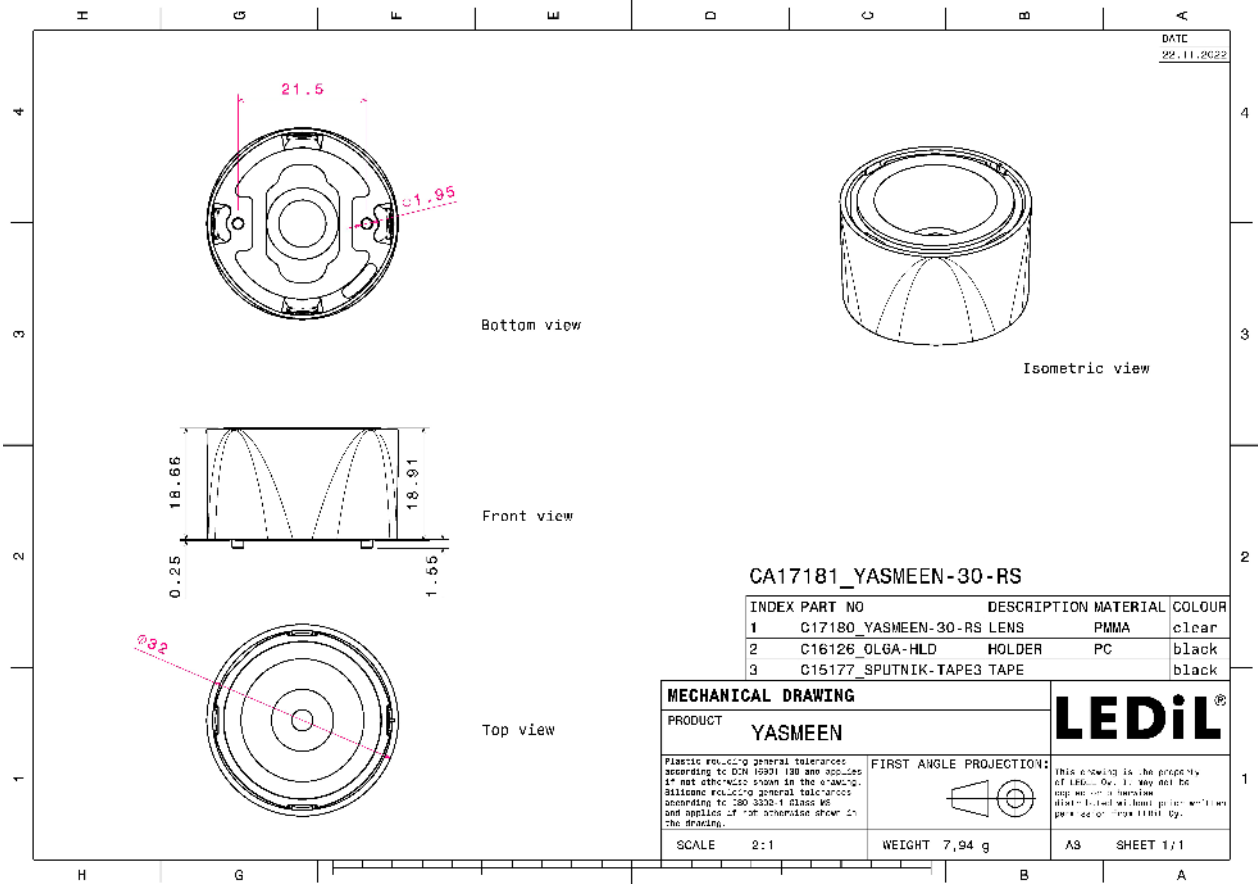
MATERIALS:

Component	Type	Material	Colour	Finish
YASMEEN-30-RS	Single lens	PMMA	clear	
OLGA-HLD	Holder	PC	black	
SPUTNIK-TAPE3	Tape	Acrylic foam	black	



ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA17181_YASMEEN-30-RS	Single lens	792	132	66	7.7
» Box size: 480 x 280 x 300 mm					

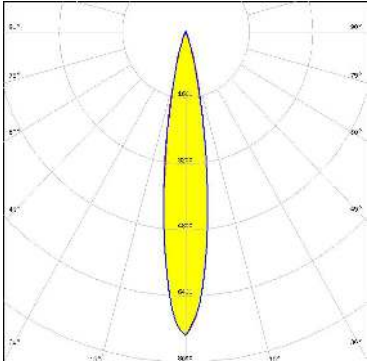
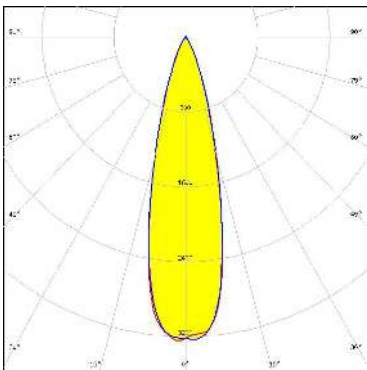
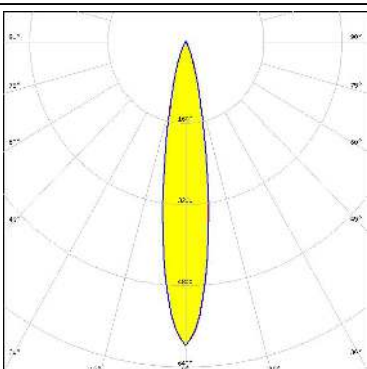
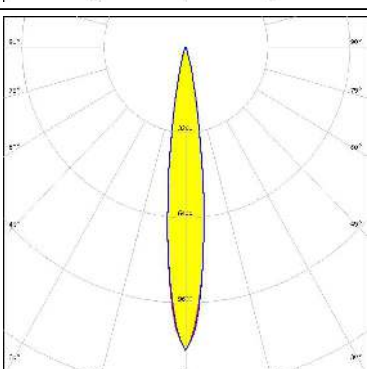


See also our general installation guide: www.ledil.com/installation_guide

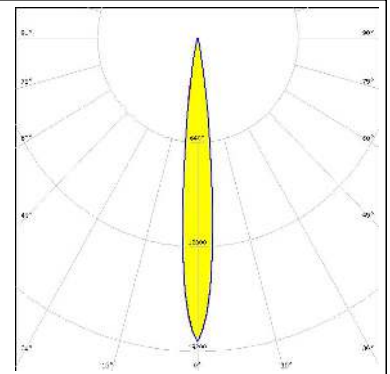
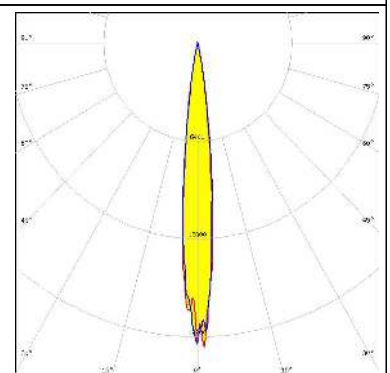
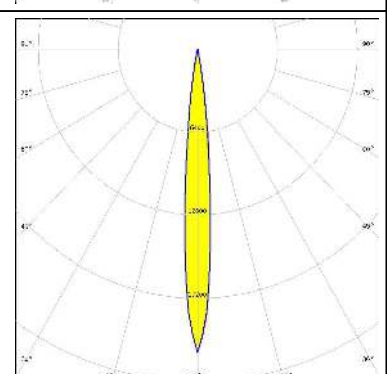
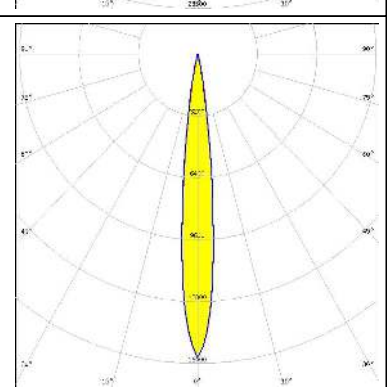
OPTICAL RESULTS (MEASURED):



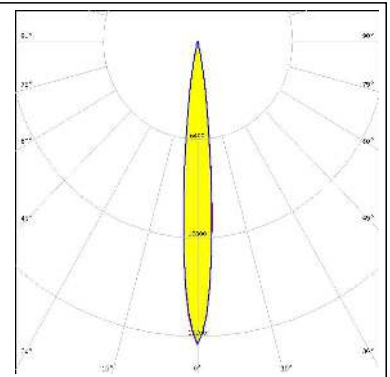
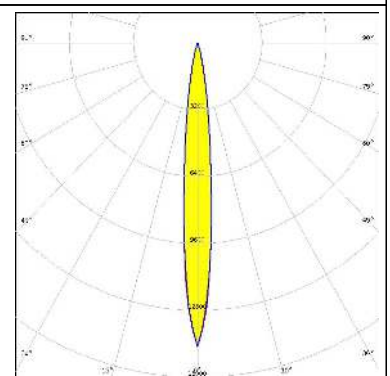
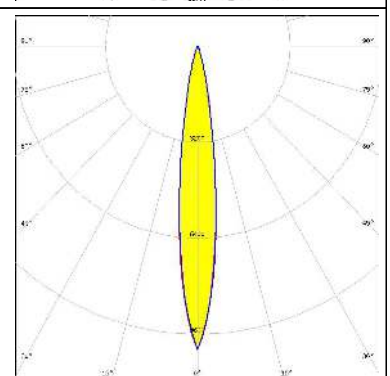
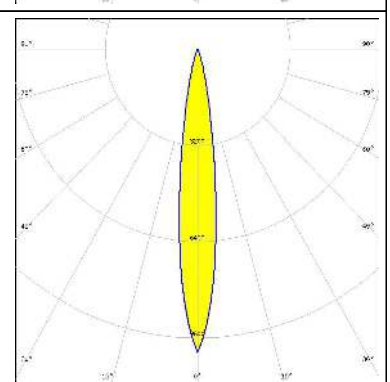
OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>LED: XHP35.2 HD FWHM / FWTM: 18.0° / 33.0° Efficiency: 86 % Peak intensity: 7.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XHP70 FWHM / FWTM: 26.0° / 49.0° Efficiency: 86 % Peak intensity: 3.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XHP70.3 HI FWHM / FWTM: 18.0° / 38.0° Efficiency: 87 % Peak intensity: 6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XM-L FWHM / FWTM: 14.0° / 28.0° Efficiency: 91 % Peak intensity: 11.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

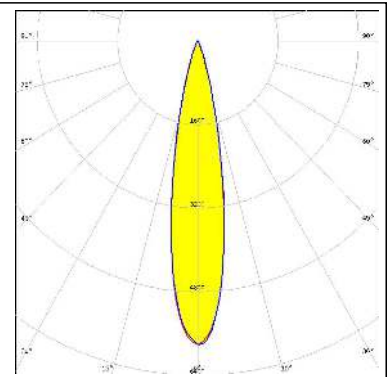
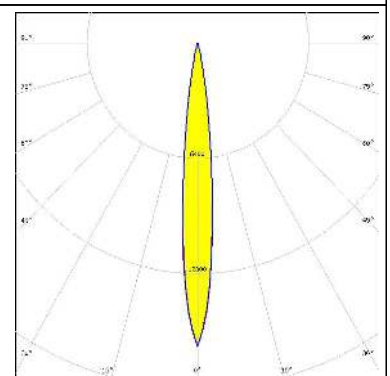
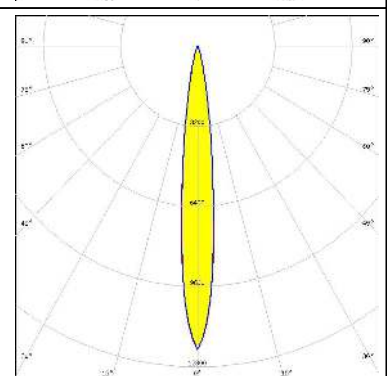
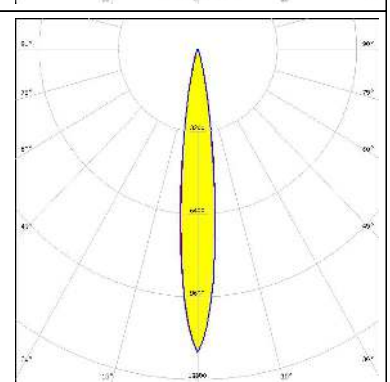
OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>LED: XP-E2 FWHM / FWTM: 12.0° / 22.0° Efficiency: 92 % Peak intensity: 18.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XP-G2 FWHM / FWTM: 11.4° / 20.8° Efficiency: 92 % Peak intensity: 22.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XP-P FWHM / FWTM: 10.0° / 20.0° Efficiency: 96 % Peak intensity: 23.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON C FWHM / FWTM: 12.0° / 22.0° Efficiency: 86 % Peak intensity: 15.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON CZ</p> <p>FWHM / FWTM 11.0° / 20.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 19.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED NCSxE17A</p> <p>FWHM / FWTM 10.0° / 24.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 14.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED NV4WB35AM</p> <p>FWHM / FWTM 14.0° / 30.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 10.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED NV4WB35AM</p> <p>FWHM / FWTM 14.0° / 30.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 10.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

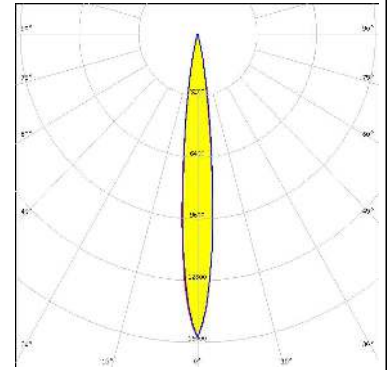
<p>NICHIA</p> <p>LED NV4x144A FWHM / FWTM 20.0° / 38.0° Efficiency 88 % Peak intensity 5.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSW719AC FWHM / FWTM 12.0° / 22.0° Efficiency 92 % Peak intensity 16.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM 12.0° / 28.0° Efficiency 89 % Peak intensity 12.1 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 14.0° / 28.0° Efficiency 91 % Peak intensity 11.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM

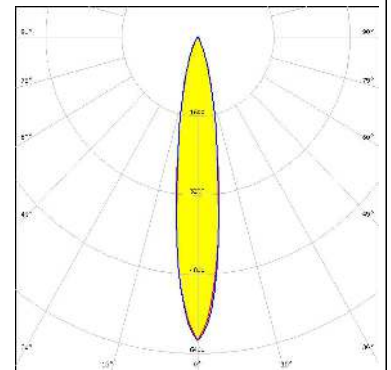
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 91 %
 Peak intensity 15.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



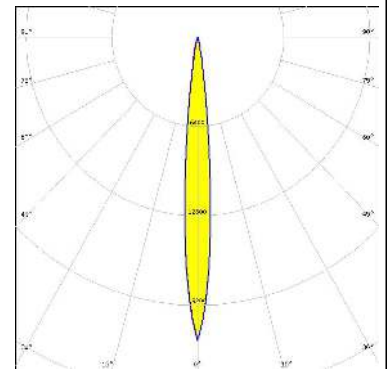
SAMSUNG

LED LH151B
 FWHM / FWTM 16.0° / 39.0°
 Efficiency 88 %
 Peak intensity 6.1 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:



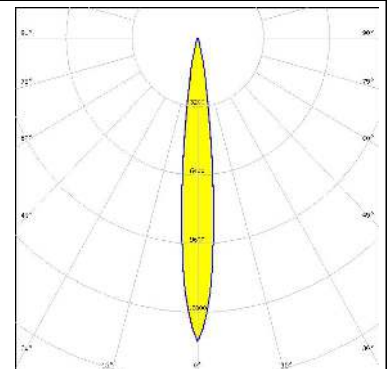
SAMSUNG

LED LH351C
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 94 %
 Peak intensity 21.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LH351D
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 92 %
 Peak intensity 14.2 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

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