

DAHIA-TL110

~120° wide beam

SPECIFICATION:

Dimensions	321.0 x 80.5 mm
Height	11 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes ⓘ

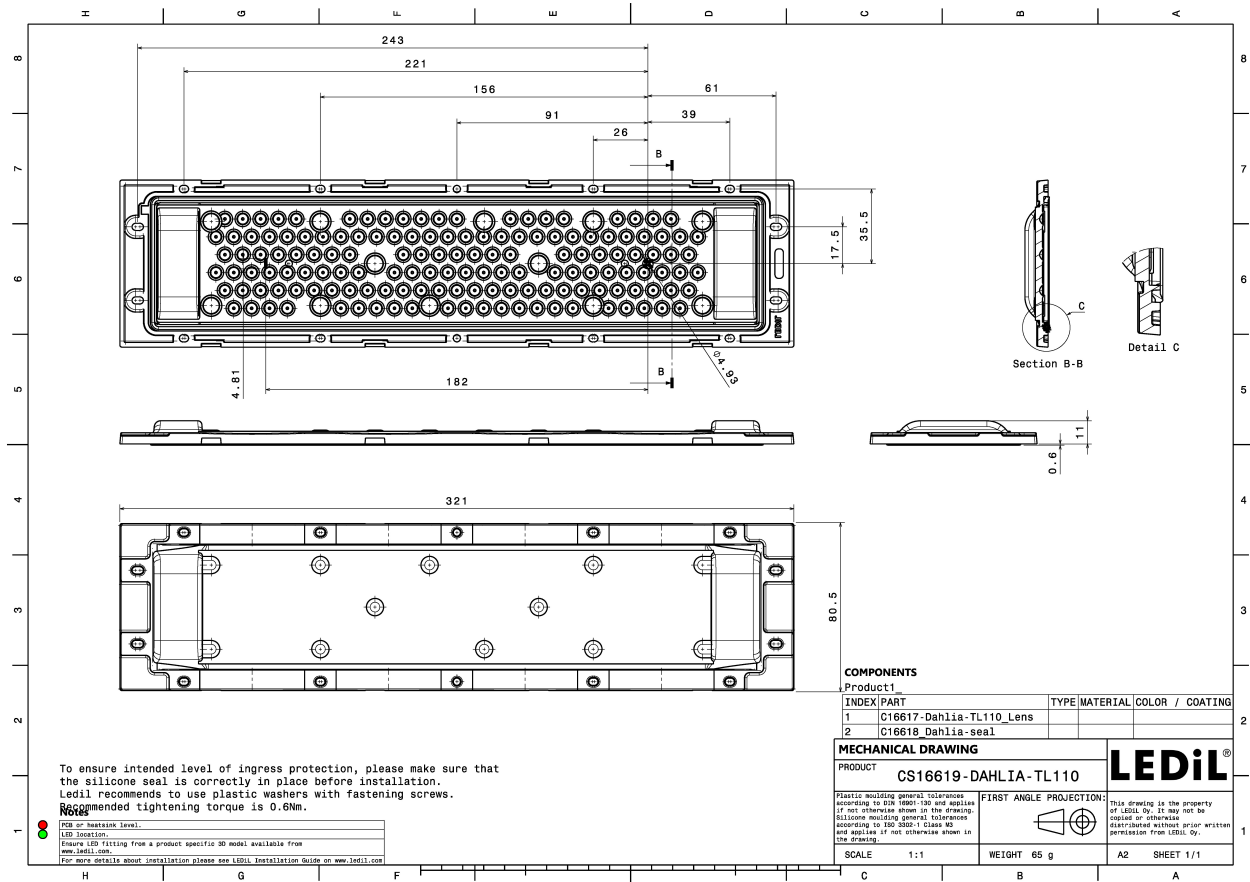
MATERIALS:

Component	Type	Material	Colour	Finish
DAHIA-TL110	Multi-lens	PMMA	clear	
DAHIA-TL-SEAL	Seal	Silicone		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16619_DAHIA-TL110	Multi-lens	80	80	4	8.9
» Box size: 343 x 343 x 298 mm					



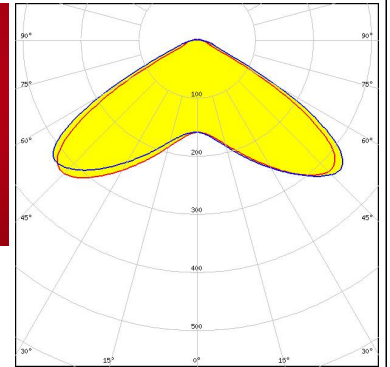


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

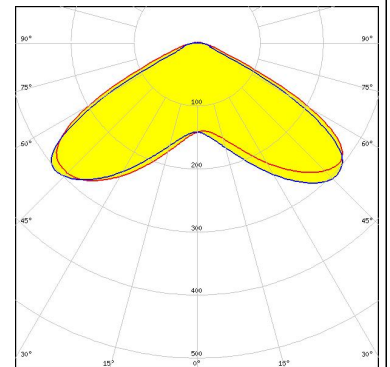
CEZOS

LED L0-278053-RRRR-C1000-K237
 FWHM / FWTM 122.0° / 142.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour Red
 Required components:



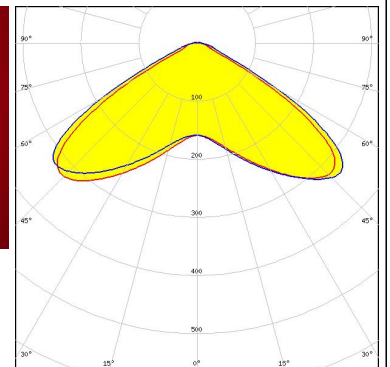
LUMINUS

LED SST-10-B130
 FWHM / FWTM 123.0° / 140.0°
 Efficiency 93 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour Deep Red
 Required components:



OSRAM

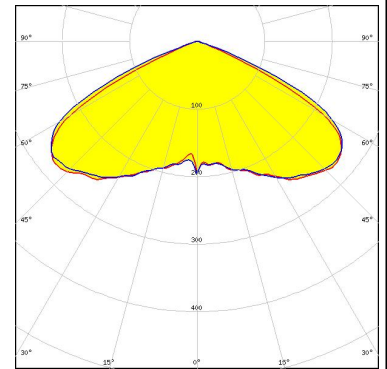
Opto Semiconductors
 LED OSRON Square CSSRM2/CSSRM3
 FWHM / FWTM 122.0° / 142.0°
 Efficiency 94 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour Hyper Red
 Required components:



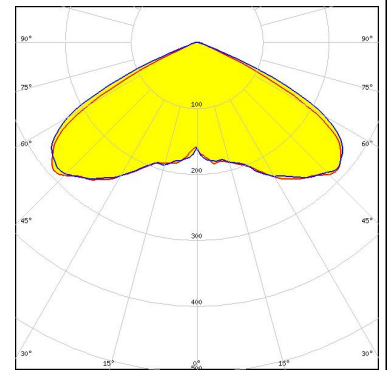
OPTICAL RESULTS (SIMULATED):



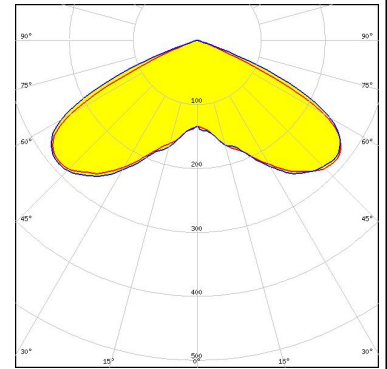
LED J Series 2835
 FWHM / FWTM 129.0° / 140.0°
 Efficiency 92 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



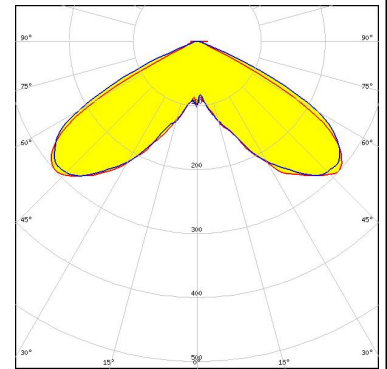
LED J Series 3030
 FWHM / FWTM 126.0° / 138.0°
 Efficiency 91 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



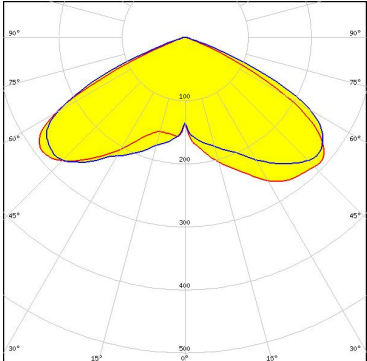
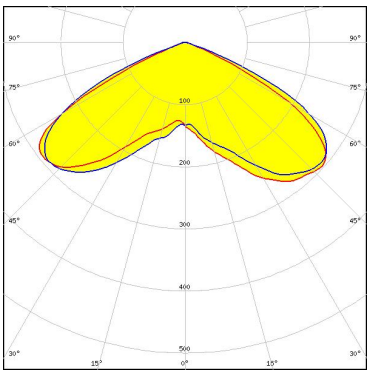
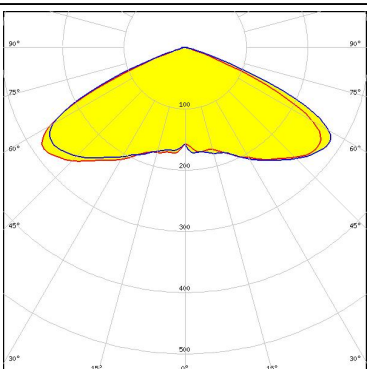
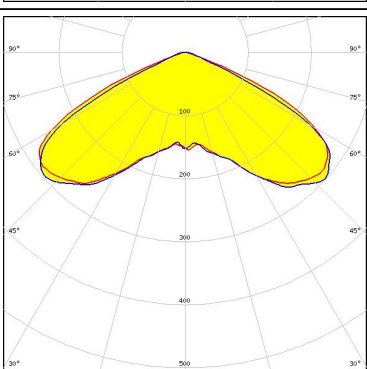
LED LUXEON 2835 Line
 FWHM / FWTM 118.0° / 133.0°
 Efficiency 93 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



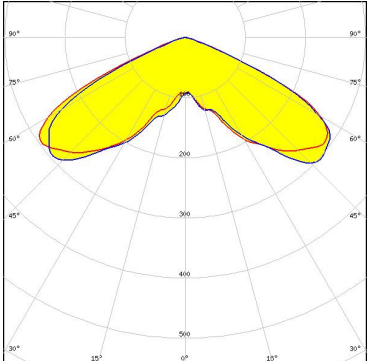
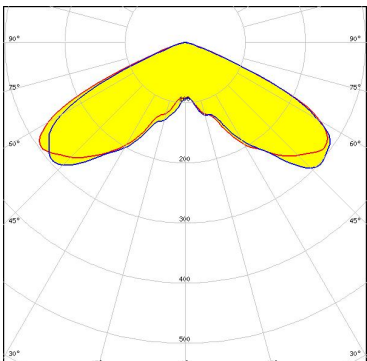
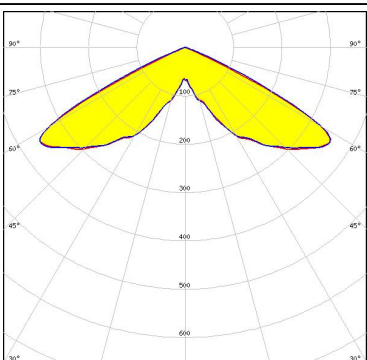
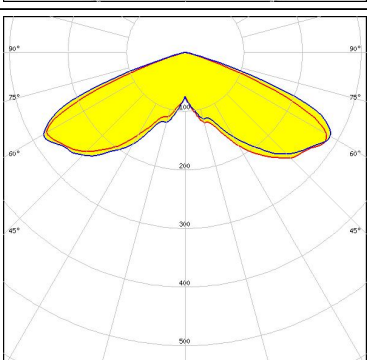
LED NCSxE17A
 FWHM / FWTM 124.0° / 135.0°
 Efficiency 87 %
 Peak intensity 0.3 cd/lm
 LEDs/each optic 1
 Light colour Green
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED NF2x757G FWHM / FWTM 127.0° / 140.0° Efficiency 92 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NFSx757G FWHM / FWTM 127.0° / 140.0° Efficiency 93 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 132.0° / 144.0° Efficiency 93 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris S5 (Single chip) FWHM / FWTM 128.0° / 141.0° Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ P 3030</p> <p>FWHM / FWTM: 129.0° / 142.0°</p> <p>Efficiency: 93 %</p> <p>Peak intensity: 0.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSCONIQ P 3030</p> <p>FWHM / FWTM: 128.0° / 142.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 0.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Hyper Red</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSOLON SSL 120</p> <p>FWHM / FWTM: 127.0° / 135.0°</p> <p>Efficiency: 95 %</p> <p>Peak intensity: 0.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: Hyper Red</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSOLON SSL 150</p> <p>FWHM / FWTM: 137.0° / 146.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 0.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED: SEOUL DC 3030</p> <p>FWHM / FWTM: 129.0° / 140.0°</p> <p>Efficiency: 92 %</p> <p>Peak intensity: 0.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p> SEOUL SEMICONDUCTOR</p> <p>LED: Z5M</p> <p>FWHM / FWTM: 134.0° / 146.0°</p> <p>Efficiency: 92 %</p> <p>Peak intensity: 0.3 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:

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