

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 ⓘ

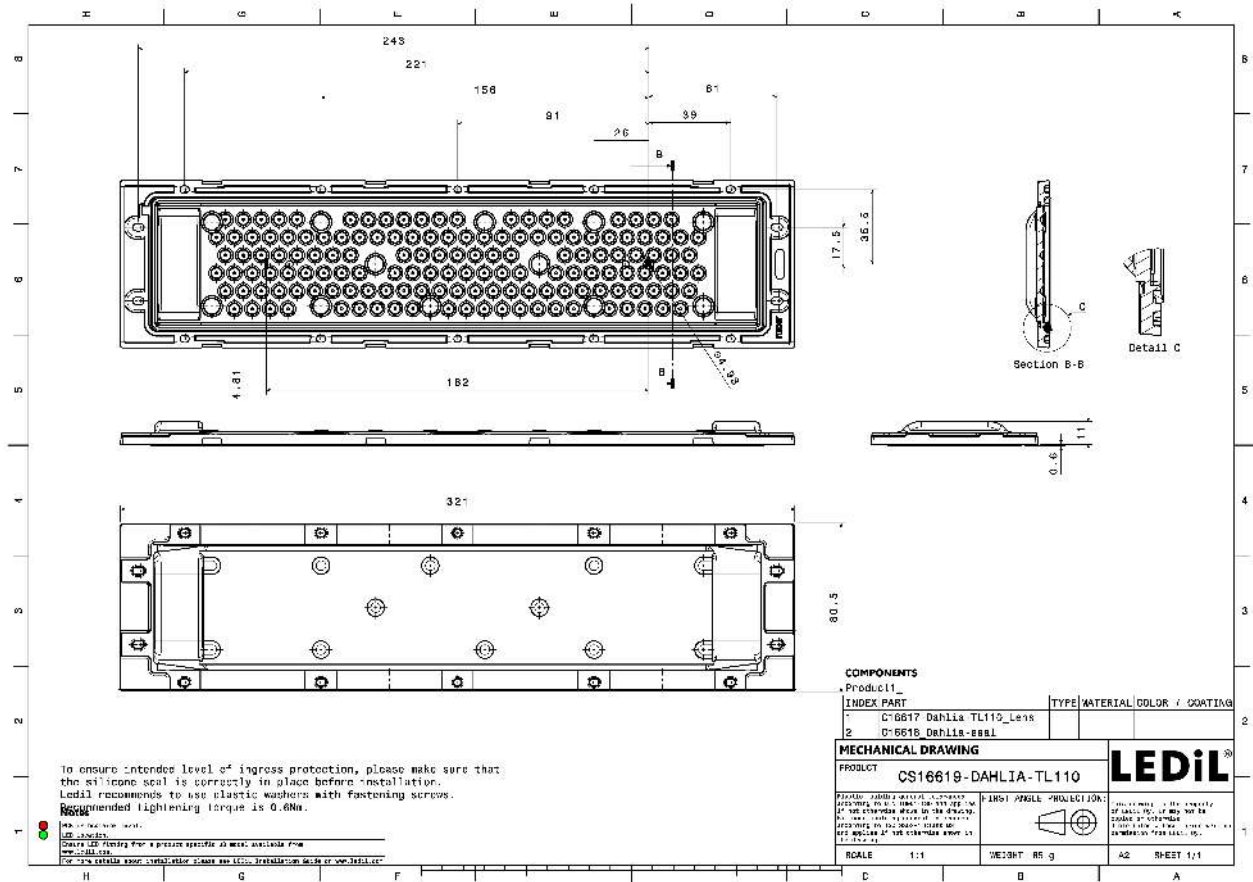
MATERIALS:

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

ORDERING INFORMATION:


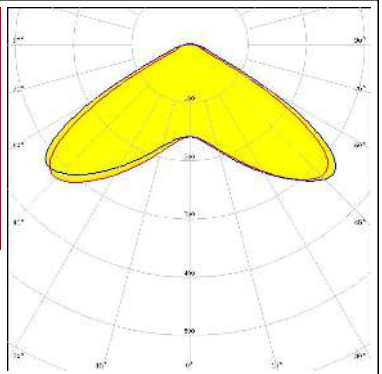
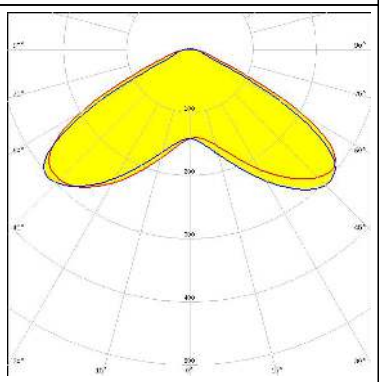

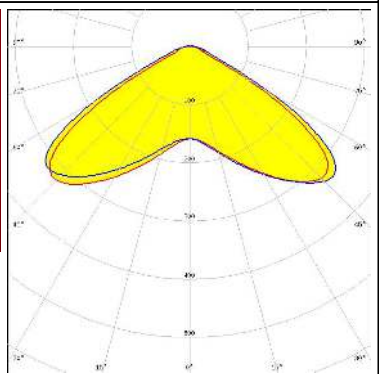
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS16619_DAHIA-TL110	Linear lens	80	80	4	8.9
» Box size: 343 x 343 x 298 mm					



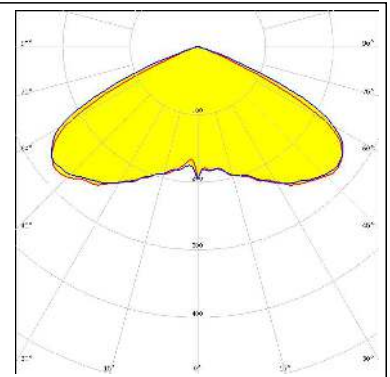
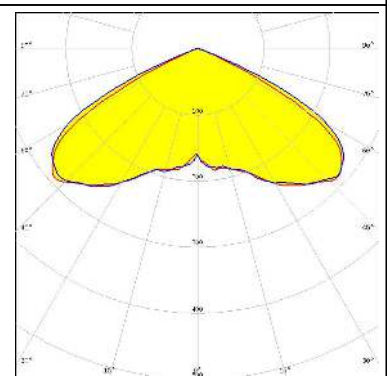
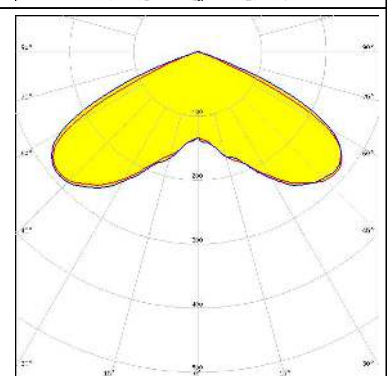
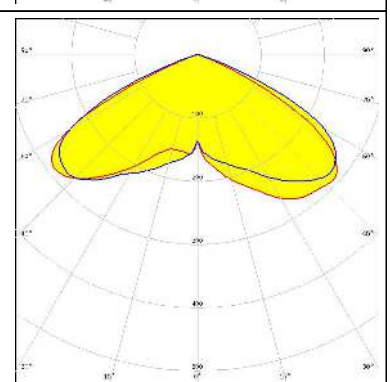


See also our general installation guide: www.ledil.com/installation_guide

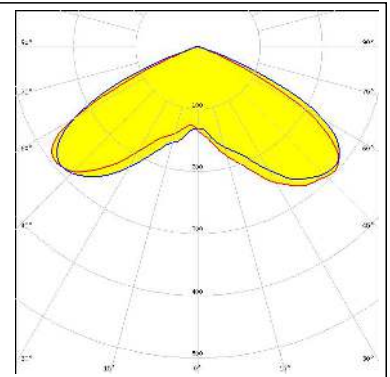
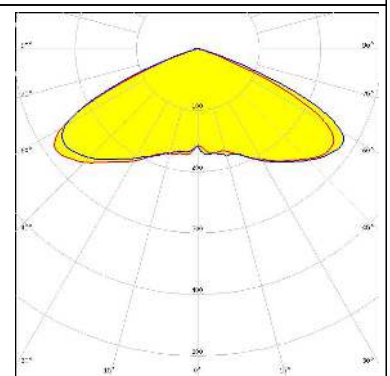
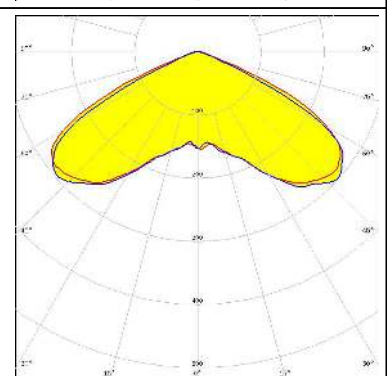
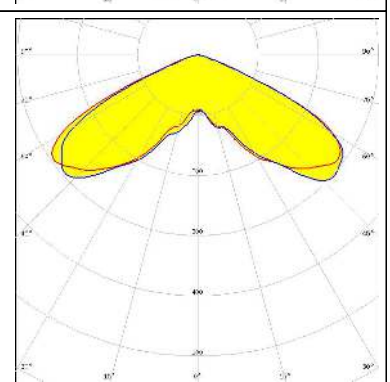
OPTICAL RESULTS (MEASURED):

<p>CEZOS</p> <p>LED L0-278053-RRRR-C1000-K237</p> <p>FWHM / FWTM 122.0° / 142.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Red</p> <p>Required components:</p>		
<p>LUMINUS</p> <p>LED SST-10-B130</p> <p>FWHM / FWTM 123.0° / 140.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Deep Red</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 122.0° / 142.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.3 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Hyper Red</p> <p>Required components:</p>		

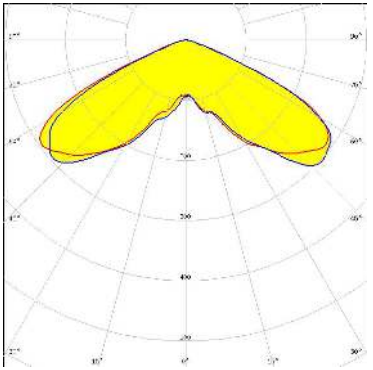
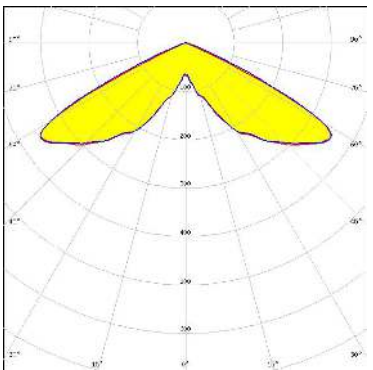
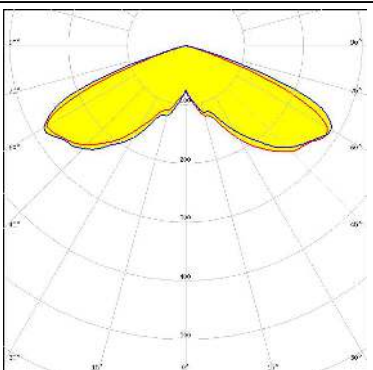
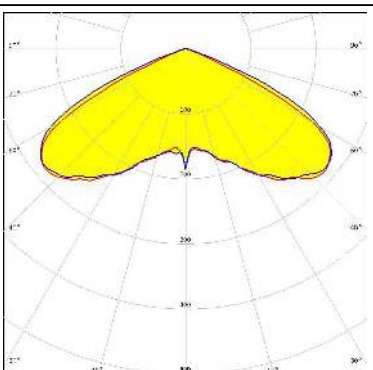
OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>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:</p>	
<p>CREE → LED</p> <p>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:</p>	
<p>LUMILEDS</p> <p>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:</p>	
<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>	

OPTICAL RESULTS (SIMULATED):

<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>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 3030 FWHM / FWTM 128.0° / 142.0° Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour Hyper Red 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 OSLON 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 OSLON 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>	
<p>SEOL 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>	

OPTICAL RESULTS (SIMULATED):



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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