

EMERALD-AP1-PC

Asymmetric beam for anti-panic lighting.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	6.9 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

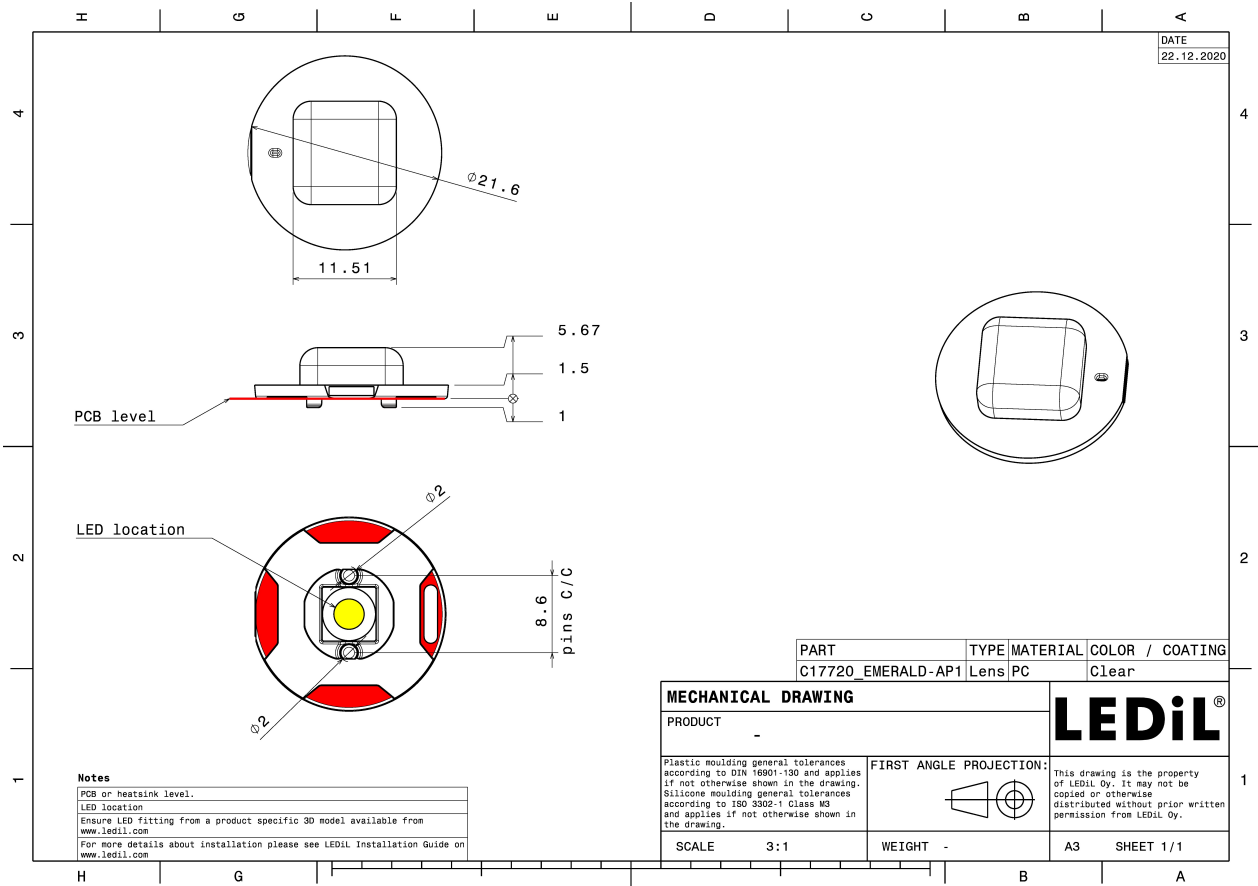
MATERIALS:

Component	Type	Material	Colour	Finish
EMERALD-AP1-PC	Single lens	PC	clear	

ORDERING INFORMATION:

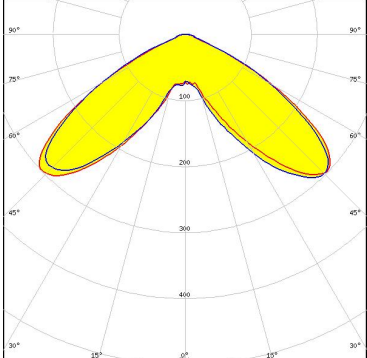
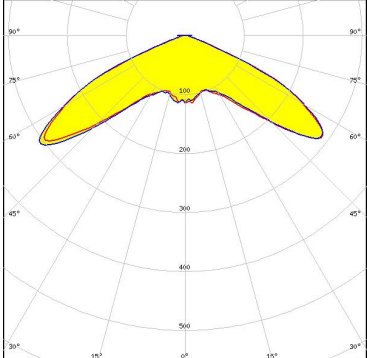

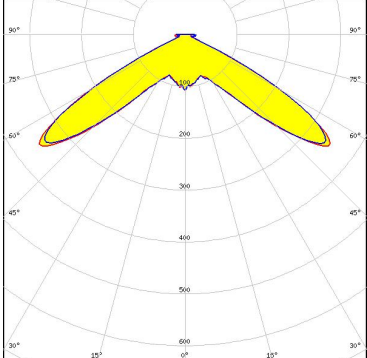
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17720_EMERALD-AP1-PC » Box size: 480 x 280 x 300 mm	3456	288	144	5.4



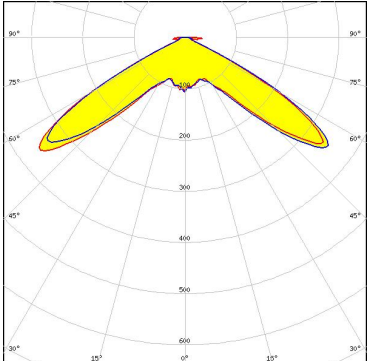
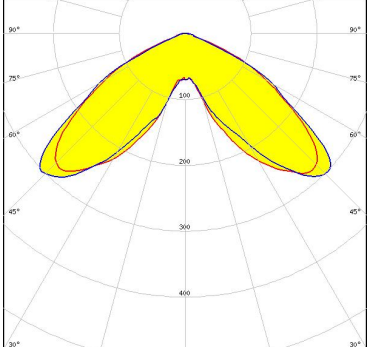
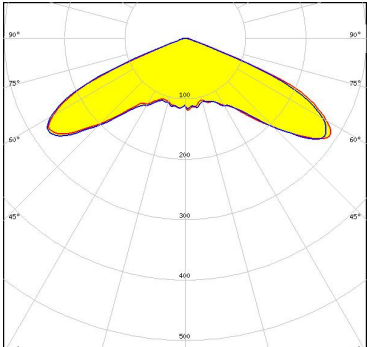
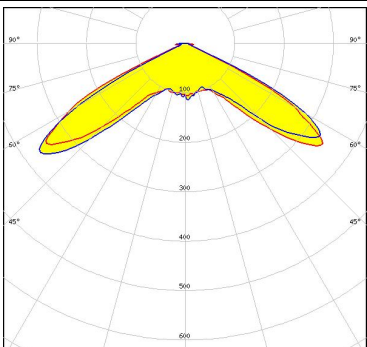


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>LED J Series 5050 Round LES FWHM / FWTM 120.0° / 138.0° Efficiency 92 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE → LED</p> <p>LED XP-G3 FWHM / FWTM 130.0° / 141.0° Efficiency 89 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE → LED</p> <p>LED XP-L2 FWHM / FWTM 130.0° / 142.0° Efficiency 89 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE → LED</p> <p>LED XT-E FWHM / FWTM 122.0° / 132.0° Efficiency 90 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>CREE LED</p> <p>LED: XT-E FWHM / FWTM: Asymmetric Efficiency: 90 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON 5050 Square LES FWHM / FWTM: 120.0° / 141.0 + 138.0° Efficiency: 92 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON HL2X FWHM / FWTM: 134.0° / 143.0° Efficiency: 91 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSOLON Square CSSRM2/CSSRM3 FWHM / FWTM: Asymmetric Efficiency: 92 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White 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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