

EMERALD-AP1-PC

Asymmetric beam for anti-panic lighting.

TECHNICAL SPECIFICATIONS:

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



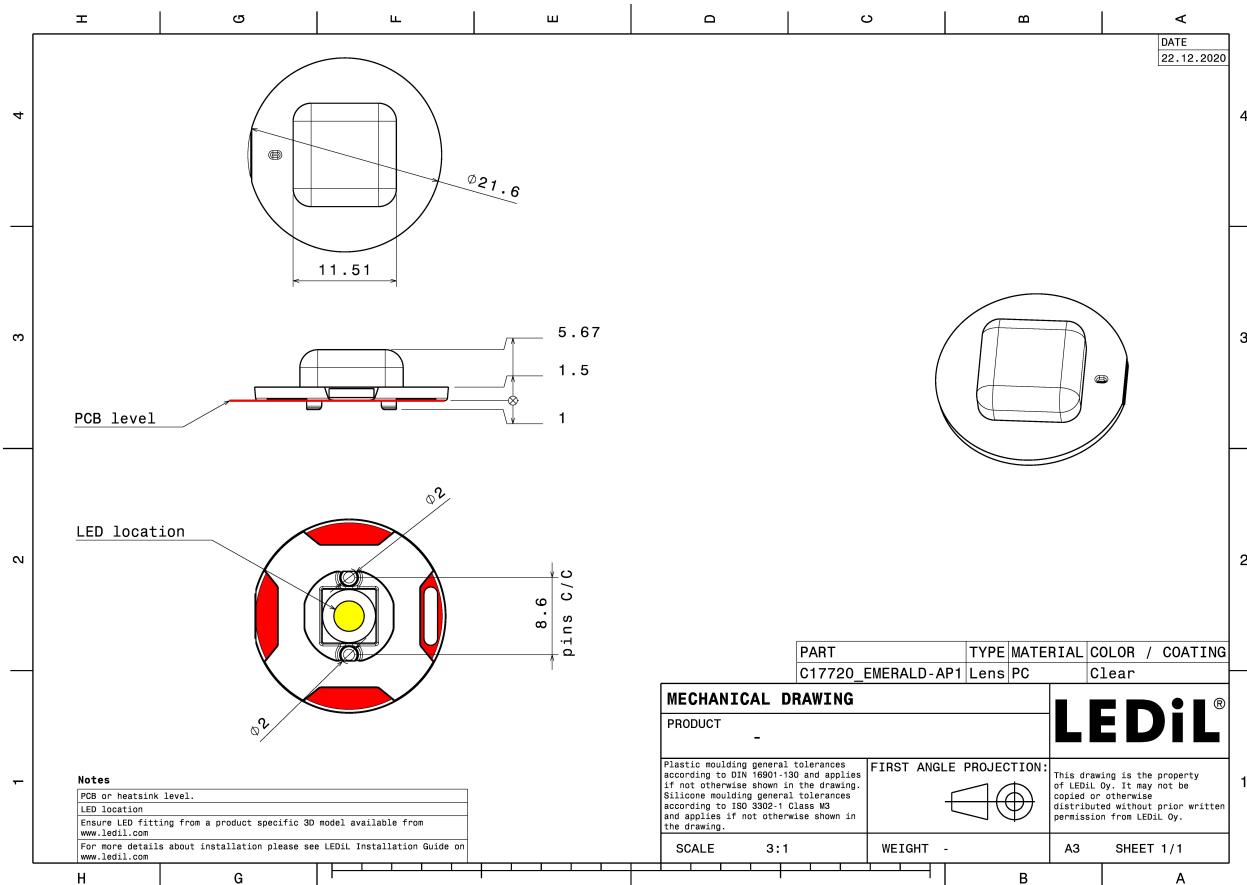
LEDiL®

MATERIAL SPECIFICATIONS:

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	3456	288	144	5.4
» Box size: 480 x 280 x 300 mm				



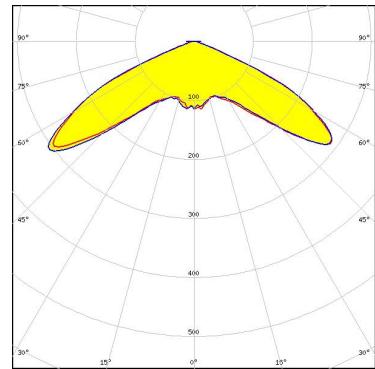
See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (SIMULATED):



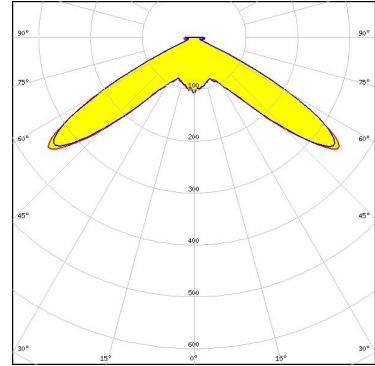
LED	XP-G3
FWHM / FWTM	130.0° / 141.0°
Efficiency	89 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



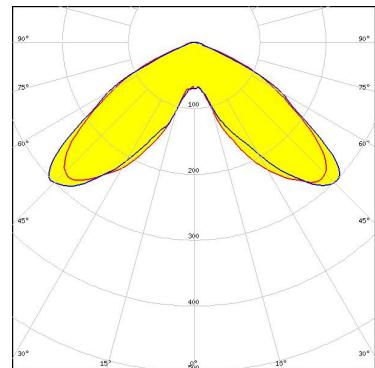
LED	XT-E
FWHM / FWTM	122.0° / 132.0°
Efficiency	90 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



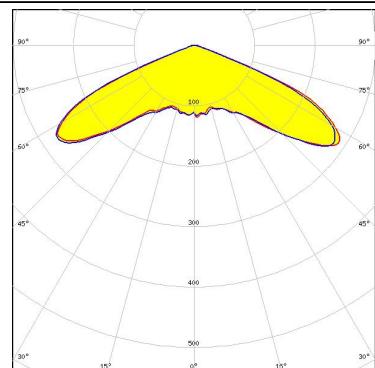
LED	LUXEON 5050 Square LES
FWHM / FWTM	120.0° / 141.0 + 138.0°
Efficiency	92 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	LUXEON HL2X
FWHM / FWTM	134.0° / 143.0°
Efficiency	91 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

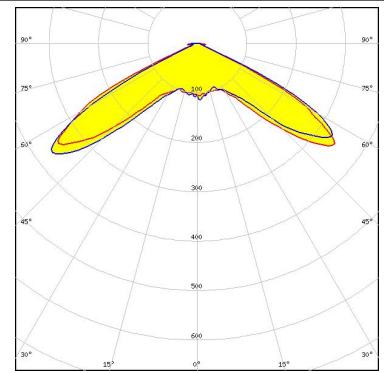
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM Asymmetric
Efficiency 92 %
Peak intensity 0.5 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:

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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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

Local sales and technical support
[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations
Salo, Finland
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