EMERALD-AP1-PC

Asymmetric beam for anti-panic lighting. Assembly with installation tape.

SPECIFICATION:

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

MATERIALS:

Component	Type	Material	Colour	Finish
EMERALD-AP1-PC	Single lens	PC	clear	
HEIDI-TAPE	Tape	Acrylic foam	black	
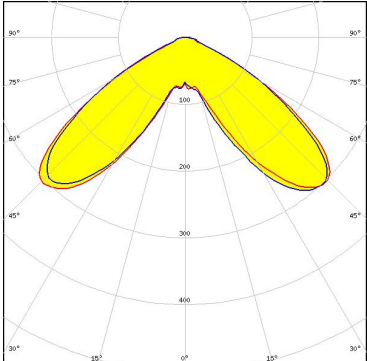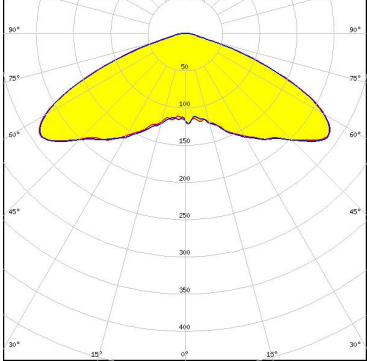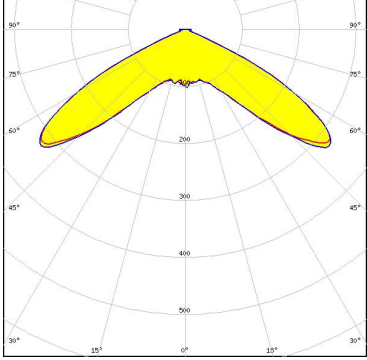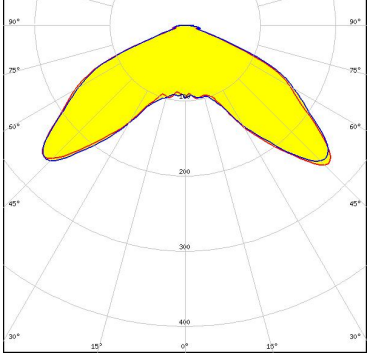
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA17723_EMERALD-AP1-PC	Single lens	3456	288	144	5.6

» Box size: 480 x 280 x 300 mm

Ø21.6

11.51

5.67

1.5

1

PCB level

LED location

Ø2

Ø2

8.6 pins C/C

CA17723_EMERALD-AP1-PC
Components

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C17720_EMERALD-AP1-PC	Lens	PC	Clear
2	C11269_HEIDI-TAPE	Tape	PU Foam	

MECHANICAL DRAWING

PRODUCT **EMERALD**

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

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| SCALE | 3:1 | WEIGHT | - | A3 | SHEET 1/1 |

DATE 12.01.2021

Notes

PCB or heatsink level.
LED location
Ensure LED fitting from a product specific 3D model available from www.ledil.com
For more details about installation please see LEDiL Installation Guide on www.ledil.com

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

OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	J Series 5050 Round LES
FWHM / FWTM	116.0° / 136.0°
Efficiency	91 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LEDs

LED	XHP35 HD
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LEDs

LED	XHP35 HI
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LEDs

LED	XHP35.2 HD
FWHM / FWTM	128.0° / 143.0°
Efficiency	84 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

CREE LEDs
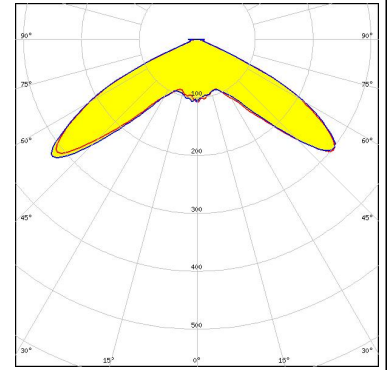
LED	XT-E
FWHM / FWTM	118.0° / 155.0°
Efficiency	89 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM Opto Semiconductors
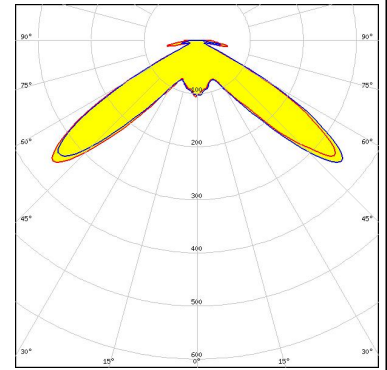
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	