EMERALD-ER1-PC

Rectangular beam for escape routes with up to 5 m mounting height. Assembly with installation tape.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	7.8 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish
EMERALD-ER1-PC	Single lens	PC	clear	
HEIDI-TAPE	Tape	Acrylic foam	black	
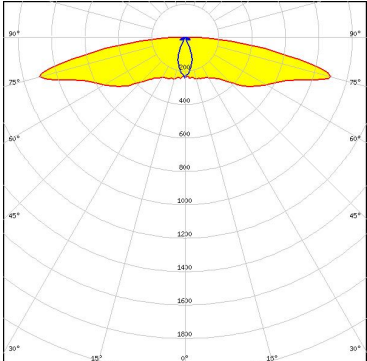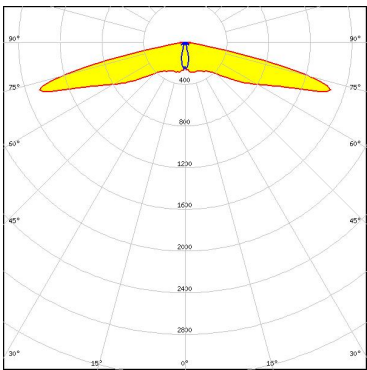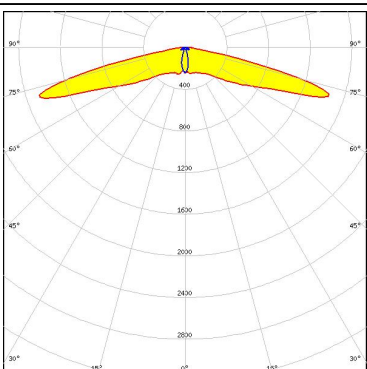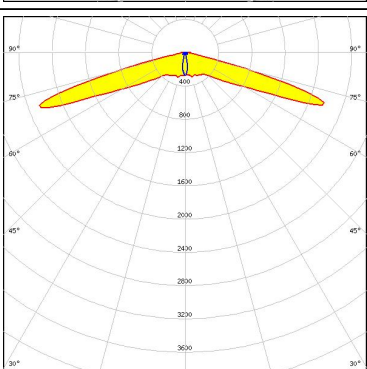
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA17721_EMERALD-ER1-PC	Single lens	3456	288	144	7.2

» Box size: 480 x 280 x 300 mm

DATE
24.01.2022

Beam direction indicator

Ø21.6

19.24

7.75
1.72
PCB Level
0.78

8.6
pins c/c

LED Location

Ø1.99   Ø1.99

CA17721_EMERALD-ER1

COMPONENTS

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C11269_HEIDI-TAPE	Tape	PU Foam	
2	C17718_EMERALD-ER1	Lens	PC	clear

MECHANICAL DRAWING

PRODUCT
EMERALD

LEDiL®

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 | 2:1 | WEIGHT | 1,48 | A3 | SHEET 1/1 |

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):

LED	XHP35 HD
FWHM / FWTM	Asymmetric
Efficiency	85 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LED	XHP35 HI
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LED	XP-G3
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

LED	XT-E
FWHM / FWTM	149.0 + 24.0° / 156.0 + 136.0°
Efficiency	86 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	151.0 + 26.0° / 159.0 + 132.0°
Efficiency	87 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	