

PRODUCT DATASHEET C17719_EMERALD-ER2-PC

EMERALD-ER2-PC

Rectangular beam for escape routes with greater than 5 m mounting height.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	9.1 mm
Fastening	glue, pin
ROHS compliant	yes 🛈



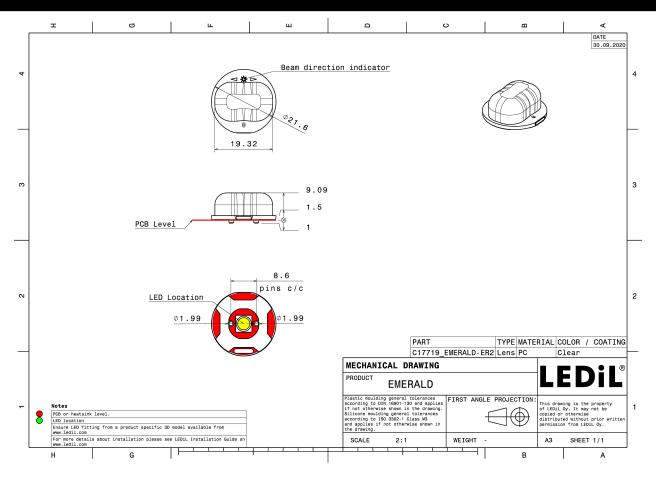
MATERIALS:

Component	Туре	Material	Colour	Finish
EMERALD-ER2-PC	Single lens	PC	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C17719_EMERALD-ER2-PC	3456	288	144	8.6
» Box size: 480 x 280 x 300 mm				

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



OPTICAL RESULTS (SIMULATED):

LED	XP-G3	
FWHM / FWTM	20.0 + 131.0° / 142.0°	73* 400 75*
Efficiency	86 %	
Peak intensity	1.9 cd/lm	.50 ⁴ 1200 50 ⁴
LEDs/each optic	1	1600
Light colour	White	
Required components:	Wille	45* 2000 45*
Required components.		2130
		200
		2200
		30° 23° 30° 30°
)S	90 ⁺
LED	LUXEON 5050 Square LES	
FWHM / FWTM	130.0 + 27.0° / 144.0 + 164.0°	73* 78*
Efficiency	87 %	600
Peak intensity	1.1 cd/im	.50* 60*
LEDs/each optic	1	000
Light colour	White	$Z \times I \cup X >$
Required components:	White	120 -
		\times
		1600
		30° 2000 30° 30°
)S	THAY KHT
LED	LUXEON HL2X	90° 90°
EED FWHM / FWTM	131.0 + 22.0° / 140.0 + 84.0°	73* 70* 75*
Efficiency	87 %	900
Peak intensity	1.8 cd/lm	.50 ⁴ 1220 60 ⁴
	1.8 ca/im 1	1690
LEDs/each optic Light colour	ı White	$X \times I \cup X X$
Required components:	Wille	42, 5000 43,
Required components.		2450
		200
		3230
		30* <u>15</u> ² 0* <u>15</u> ⁸ 30*
OSRAM		
Opto Semiconductors	OSLON Square CSSRM2/CSSRM3	90°
ED FWHM / FWTM	Asymmetric	73%
Efficiency	89 %	900
Peak intensity	2 cd/lm	80° 607
LEDs/each optic	2 co/im 1	
Light colour	ı White	
Required components:	winte	-65°
		3700
		\times / \top \setminus \rightarrow
		30* <u>15</u> ⁵ 0 ⁶ <u>15</u> * 30 ⁴
		13 ² 64 13.



OPTICAL RESULTS (SIMULATED):

SEOUL SEOUL SEMICONDUCTOR		9°
LED	Z5M4	40
FWHM / FWTM	124.0 + 20.0° / 136.0 + 138.0°	20
Efficiency	89 %	
Peak intensity	2 cd/lm	. 50 ¹⁴ 1230 66 ¹⁴
LEDs/each optic	1	1590
Light colour	White	45° 2000 45°
Required components	s:	200
		200
		320
		30° 360 15° 30°



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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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