

PRODUCT DATASHEET C12608_VIRPI-M

VIRPI-M

~30° medium beam

TECHNICAL SPECIFICATIONS:

Dimensions	74.9 x 74.9 mm
Height	9.5 mm
Fastening	glue, pin
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component VIRPI-M	Type Multi-lens	Material PMMA		olour ear	Finish
ORDERING INFORMATION:					
Component		Qty in box	MOQ	MPQ	Box weight (kg)

360

45

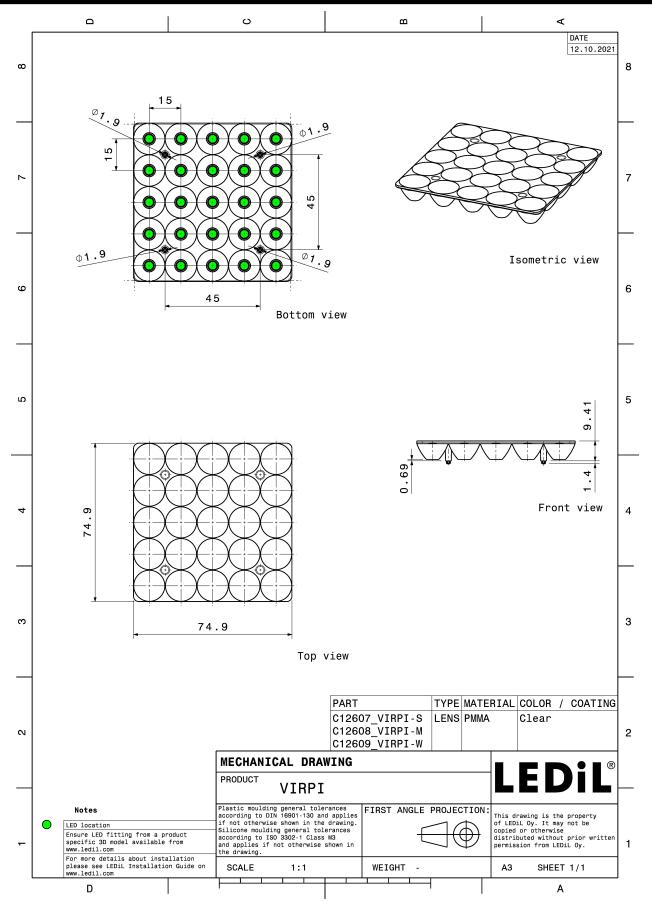
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12.2

C12608_VIRPI-M » Box size: 480 x 280 x 300 mm



PRODUCT DATASHEET C12608_VIRPI-M



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



-		
		90* 90*
LED	ML-E	
FWHM / FWTM	29.0° / 58.0°	
Efficiency	91 %	60°
Peak intensity	2.5 cd/lm	
LEDs/each optic	1	
Light colour	White	45° 45°
Required compone	nts:	
		2520
		30 ⁴ 30 ⁴ 30 ⁴
		90° 50°
LED	XB-D	
FWHM / FWTM	28.0° / 56.0°	
Efficiency	92 %	50° 500 50°
Peak intensity	2.8 cd/lm	$r \times / l \rightarrow \times \gamma$
LEDs/each optic	1	
Light colour	White	gre 65* 65*
Required compone	nts:	
		200
		340 367
		90° 90°
LED FWHM / FWTM	XH-B/G 30.0° / 58.0°	75'
Efficiency	90 %	
Peak intensity	2.4 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	' White	9° (
Required compone		1632
		30° 30.
		 15° 0° 35°
		90* 90*
LED	XP-E2	75'
FWHM / FWTM	28.0° / 52.0°	800
Efficiency	91 %	60*
Peak intensity	3 cd/lm	
LEDs/each optic	1	
Light colour	White	83. (92.
Required compone	nts:	
		200
		30° 30° 30° 30°
		• • • • • • •



CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	XP-G 29.0° / 58.0° 92 % 2.5 cd/lm 1 White	200 200 200 200 200 200 200 200 200 200
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	XP-G2 29.0° / 56.0° 91 % 2.7 cd/m 1 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	XT-E 29.0° / 57.0° 91 % 2.6 cd/m 1 White	90 90 90 90 90 90 90 90 90 90
EUMIL LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	LUXEON Rebel ES 28.0° / 57.0° 91 % 2.6 cd/lm 1 White	200 200 200 200 200 200 200 200



ØNICHI/		90* 99*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NF2x757A 28.0° / 53.0° 92 % 2.9 cd/lm 1 White	
EED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19A 29.0° / 56.0° 90 % 2.6 cd/lm 1 White	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Duris S5 (Single chip) 28.0° / 51.0° 92 % 3.1 cd/lm 1 White ents:	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSCONIQ P 2226 29.0° / 56.0° 90 % 2.6 cd/lm 1 White ents:	



OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON Square EC 28.0° / 55.0° 91 % 2.8 cd/lm 1 White nts:	200 200 200 200 200 200 200 200
SAMSU LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LM231 A/B 28.0° / 52.0° 92 % 3.1 cd/lm 1 White	25° C ² 26° 25° 26° 26° 26° 26° 26° 26° 26° 26° 26° 26



CREEE>LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	J Series 3030 26.0° / 52.0° 95 % 3.4 cd/lm 1 White	99* 97 75* 800 60* 60* 500 500 500 500 500 500 500 500 500 5
		125 ⁵ 0 ⁶ 35 ⁵
CUMILEE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 23.0° / 50.0° 86 % 3.7 cd/lm 1 White	9° 97 75 60 60 60 75 75 75 75 75 75 75 75 75 75 75 75 75
CUMILEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON CZ 20.0° / 48.0° 94 % 4.8 cd/lm 1 White	50° 50° 50° 50° 50° 50° 50° 50° 50° 50°
UMILEC)S	90° 90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON SunPlus 20 Line (150 deg) 27.0° / 51.0° 88 % 3.4 cd/lm 1 White	75° 000 00° 00° 00° 00° 00° 00° 0



	05	90 ⁺
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON SunPlus 35 Line 26.0° / 50.0° 93 % 3.6 cd/lm 1 White	22 64 67 500 500 500 500 500 500 500 50
)S	90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON T 26.0° / 53.0° 91 % 3.4 cd/lm 1 White	
EUMILEE FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON TX 27.0° / 53.0° 92 % 3.3 cd/lm 1 White	50 5 5 5 5 5 5 5 5 5 5 5 5 5
	JS	90° 91
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SST-10-B130 24.0° / 51.0° 94 % 3.8 cd/lm 1 Red	



	S		50° A 93°
LED	SST-20		73*
FWHM / FWTM	24.0° / 51.0°		
Efficiency	94 %		60*
Peak intensity	3.6 cd/lm		
LEDs/each optic	1		
Light colour	White		43°
Required components:			
			3230
			36 ⁵ 35 ⁵ 4850 35 ⁵
Μ ΝΙCΗΙΛ			90° 90°
LED	NVSxx19B/NVSxx19C		
FWHM / FWTM	27.0° / 55.0°		20. 20.
Efficiency	94 %		60° 60°
Peak intensity	3.2 cd/lm		
LEDs/each optic	1		
Light colour	White		e.
Required components:			2020
			30° 2200 30° 30°
OSRAM Opto Semiconductors			50° A 90°
LED	OSCONIQ P 3030		
FWHM / FWTM	22.0° / 50.0°		75
Efficiency	95 %		
Peak intensity	4.2 cd/lm		- 1600
LEDs/each optic	1		
Light colour	White		
Required components:			
			30 ⁹ 15 ⁹ 0 ⁶ 15 ⁹ 3(°
OSRAM Opto Semiconductors			90° 99°
LED	OSLON Square CSSRM2/CSSRM3		
FWHM / FWTM	26.0° / 52.0°		20. 20.
Efficiency	93 %		605 605
Peak intensity	3.4 cd/lm		$\mathbb{K} \longrightarrow \mathbb{Z} $
LEDs/each optic	1		
Light colour	White	Ortector Image: Luminous Intensity Gw CSSMUpm - Ourwan xample file - Zemax	a
Required components:		Outcome Description GL CS2NUper - Gurman sample file Description JA.3.2005 Description <td>200</td>	200



OSRAM Opto Semiconductors		90 ⁴
LED	SFH 4715AS	73
FWHM / FWTM	20.0° / 48.0°	
Efficiency	94 %	
LEDs/each optic	1	
Light colour	IR	42+
Required components:		320
		30° 30°
		15° 0° 15°
SAMSUN		80 ⁴
LED	LH181B	73'
FWHM / FWTM	26.0° / 53.0°	
Efficiency	93 %	60* 60*
Peak intensity	3.3 cd/lm	1690
LEDs/each optic	1	43° 43°
Light colour	White	
Required components:		2430
		\times $($ \times $) \times$
		30* 30* 30*
SAMSUN	IG	90°
LED	LH351B	
FWHM / FWTM	27.0° / 56.0°	75
Efficiency	94 %	
Peak intensity	3 cd/lm	60 ⁵
LEDs/each optic	1	
Light colour	White	e
Required components:		
		2130
		30* 30*
СЛЛАСИА		15 ³ du 15 ³
SAMSUN		<u>sot</u>
LED	LH351C	75
FWHM / FWTM	28.0° / 57.0°	
Efficiency	94 %	60° 60°
Peak intensity	2.8 cd/lm	$ \times / \times $
LEDs/each optic	1	av 1639 ar
Light colour	White	$\langle \rangle$
Required components:		\times / \times /
1		
		2430
		203



SEOUL SEMICONDUCTOR		90 ⁺
LED	SEOUL DC 3030	75'
FWHM / FWTM	24.0° / 52.0°	
Efficiency	94 %	60° 60°
Peak intensity	3.5 cd/lm	
LEDs/each optic	1	
Light colour	White	gy
Required components:		2009 20 ⁴ - 20 ⁴ - 20 ⁴
SEOUL SEMICONDUCTOR		90° 90°
LED	Z8Y22	25*
FWHM / FWTM	26.4° / 55.1°	$\wedge \land \land \land \land \land$
Efficiency	94 %	60° 60°
Peak intensity	2.9 cd/lm	$f \times / $
LEDs/each optic	1	1670
Light colour	White	47 ⁴ 47 ⁴
Required components:		899



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:

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