

GABRIELLA-MIDI-W

~35° spot beam with holder and installation tape

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 37.5 mm
Height	24.2 mm
Fastening	tape, pin
ROHS compliant	yes 🛈

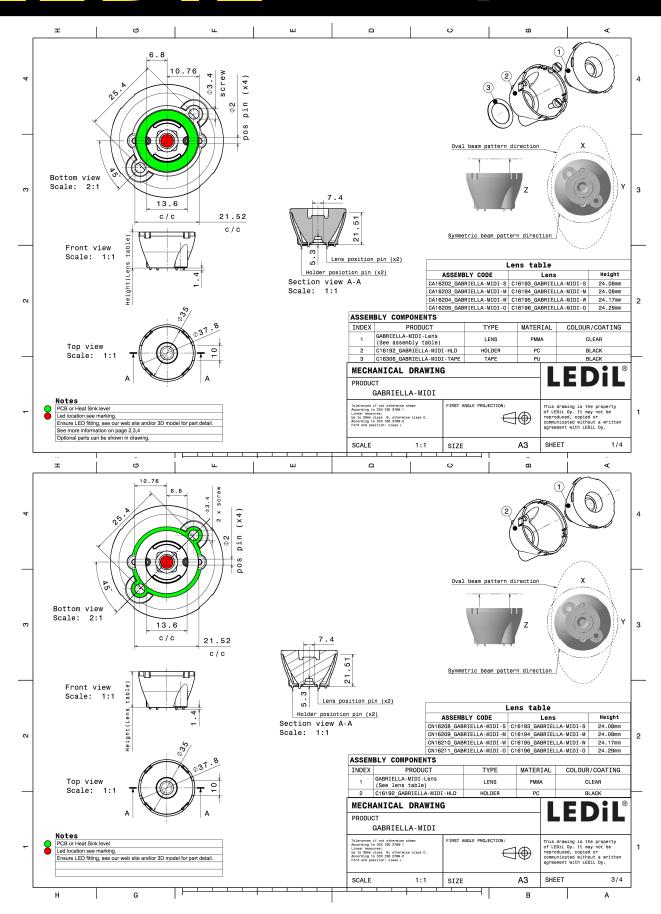


MATERIAL SPECIFICATIONS:

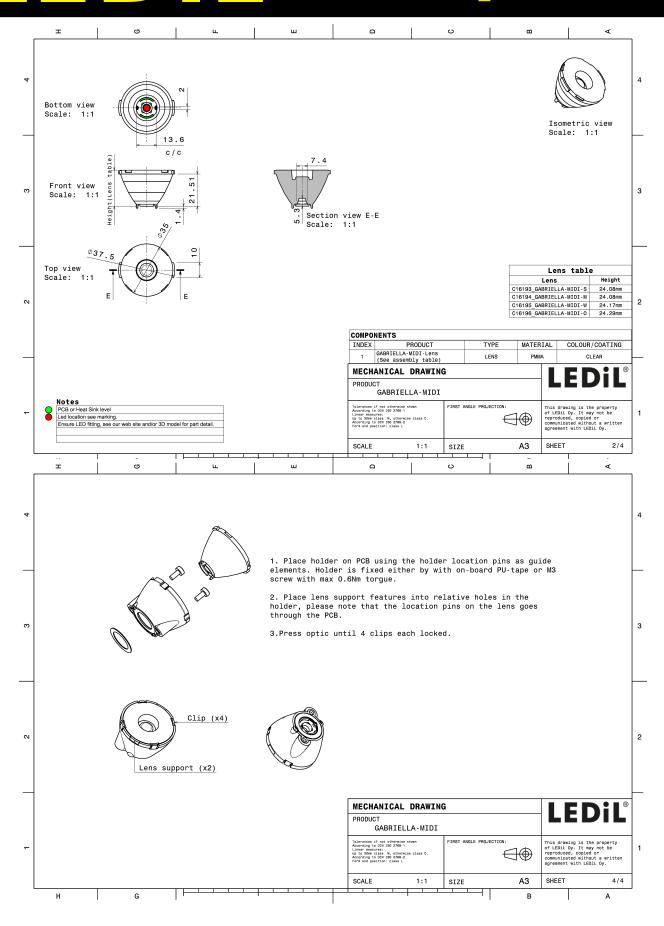
Component	Туре	Material	Colour	Finish
GABRIELLA-MIDI-W	Single lens	PMMA	clear	
GABRIELLA-MIDI-HLD	Assembly	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA16204_GABRIELLA-MIDI-W	Single lens	500	100	50	11.5
» Box size: 476 x 273 x 292 mm					



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



PHOTOMETRIC DATA (MEASURED):

CREE \$		90* 90*
LED	XHP35 HI	
FWHM	35.0°	73.
Efficiency	86 %	
Peak intensity	2.3 cd/lm	60° 60°
LEDs/each optic		
Light colour	White	g*
Required compor		1690
		30° 2430 30° 30° 15°
CREE \$		90° 90°
LED	XHP50.2	
FWHM	34.0°	73.
Efficiency	82 %	
Peak intensity	2.1 cd/lm	60° 800
LEDs/each optic		
Light colour	White	gr"
Required compor		
i toqui ou compoi		1699
OSRAM Opto Semiconductors		90° 90°
Opto Semiconductors	OSTAR Stage (S2WP)	<u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>
OSRAM Opto Semiconductors LED FWHM	OSTAR Stage (S2WP) 36.0°	
Opto Semiconductors LED FWHM		
Depto Semiconductors LED FWHM Efficiency	36.0°	00 00 00 00 00 00 00 00 00 00
opto Semiconductors LED FWHM Efficiency Peak intensity	36.0° 84 % 2.1 cd/lm	00 00 00 00 00 00 00 00 00 00 00
opto semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic	36.0° 84 % 2.1 cd/lm	gr 00 00 00 00 00 00 00 00 00 00 00 00 00
opto Semiconductors LED FWHM Efficiency Peak intensity	36.0° 84 % 2.1 cd/lm 1 White	61 90 61 35 36 36 36 36 36
opto semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	36.0° 84 % 2.1 cd/lm 1 White	20 20 21 20 23 21 24 20
opto semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	36.0° 84 % 2.1 cd/lm 1 White	39* 90 90* 99* 00 00* 99* 00 00*
opto semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	36.0° 84 % 2.1 cd/lm 1 White	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	36.0° 84 % 2.1 cd/lm 1 White	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	36.0° 84 % 2.1 cd/lm 1 White	No. No. No. No. 00 00 00
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	36.0° 84 % 2.1 cd/lm 1 White tents:	25 26 27 27 27 27 27 27 27 27 27 27
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	36.0° 84 % 2.1 cd/lm 1 White eents: SPF05F0A	25 26 27 27 27 27 27 27 27 27 27 27
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor	36.0° 84 % 2.1 cd/lm 1 White nents: SPF05F0A 36.0°	25 26 27 27 27 27 27 27 27 27 27 27
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor stoul semiconductor LED FWHM Efficiency	36.0° 84 % 2.1 cd/lm 1 White ments: SPF05F0A 36.0° 86 %	25 26 27 27 27 27 27 27 27 27 27 27
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor stoul stational FWHM Efficiency Peak intensity	36.0° 84 % 2.1 cd/lm 1 White ments: SPF05F0A 36.0° 86 % 2.3 cd/lm	25 26 27 27 27 27 27 27 27 27 27 27
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic	36.0° 84 % 2.1 cd/lm 1 White ments: SPF05F0A 36.0° 86 % 2.3 cd/lm 1	25 26 27 27 27 27 27 27 27 27 27 27
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	36.0° 84 % 2.1 cd/lm 1 White ments: SPF05F0A 36.0° 86 % 2.3 cd/lm 1 RGBW	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic	36.0° 84 % 2.1 cd/lm 1 White ments: SPF05F0A 36.0° 86 % 2.3 cd/lm 1 RGBW	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	36.0° 84 % 2.1 cd/lm 1 White ments: SPF05F0A 36.0° 86 % 2.3 cd/lm 1 RGBW	
opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compor SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	36.0° 84 % 2.1 cd/lm 1 White ments: SPF05F0A 36.0° 86 % 2.3 cd/lm 1 RGBW	



PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	RGBW	20° - 20° -
seoul semconductor LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required compon	RGBW	20° 20° 20° 20° 20° 20° 20° 20° 20° 20°



PHOTOMETRIC DATA (SIMULATED):

CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	J Series 5050 Round LES 34.0° 84 % 2.2 cd/lm 1 White	94* 95* 95* 95* 95* 95* 95* 95* 95
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XHP50 32.0° 83 % 2.3 cd/lm 1 White tts:	97 97 97 97 97 97 97 97 97 97 97 97 97 9
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XM-L RGB 36.0° 85 % 2.2 cd/lm 1 White	25 ¹ 25 ¹ 25 ¹ 25 ¹ 25 ¹ 25 ¹
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XM-L2 37.0° 85 % 2.2 cd/lm 1 White	5°
		24 ¹⁰ 25 ⁻ 00 ⁻ 15 ⁻ 30 ⁻



PHOTOMETRIC DATA (SIMULATED):

CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G2 37.0° 86 % 2.3 cd/lm 1 White	20° - 20° - 20° 20° - 20° 20° 20° - 20° 20° - 20° 20° 20° - 20° 20° 20° - 20° 20° 20°
CREE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	XP-G2 HE 38.0° 85 % 2.2 cd/lm 1 White hts:	51 ⁴ 51 ⁴ 51 ⁴ 51 ⁵ 510 510 510 510 510 510 510 510 510 510
LED ENGIN LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LZ7 Plus (LZ7-04M2PD) 35.0° 87 % 2.3 cd/lm 1 White nts:	50° 50° 50° 50° 50° 50° 50° 50°
EUMILE LED FWHM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON M/MX 33.0° 82 % 2.2 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20



PHOTOMETRIC DATA (SIMULATED):

UMILE	DS	30, 30,
LED	LUXEON MZ	
FWHM	35.0°	75°
Efficiency	85 %	605 607
Peak intensity	2.3 cd/lm	$K \neq P = 1 \times 2$
LEDs/each optic	1	
Light colour	White	45"
Required componer	its:	
		36° 2400 36° 36°
Ø ΝΙCΗΙΛ		90* 90
LED	NV4x144A	
FWHM	34.0°	75'
Efficiency	82 %	
Peak intensity	2.1 cd/lm	60° 60°
LEDs/each optic	1	
Light colour	White	gr
Required componer		
		30°
		15° 0° 15°
OSRAM Opto Semiconductors		90* 90*
LED	Duris S8	
FWHM	36.0°	$ \lambda $
Efficiency	84 %	600 602
Peak intensity	2.1 cd/lm	
LEDs/each optic		
Light colour	1	
	White	et et
Required componer	White	
	White	er
	White	¢.
	White	
Required componer	White	
Required componer	White its:	0° 1500 30° 250° 0° 35° 30°
Required componer	White its: OSLON Square EC	
Required componer OSRAM Opto Semiconductors LED FWHM	White Its: OSLON Square EC 36.0°	
Required componer OSRAM Opto Semiconductors LED FWHM Efficiency	White its: OSLON Square EC 36.0° 85 %	
Required componer OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity	White its: OSLON Square EC 36.0° 85 % 2.5 cd/lm	
Required componer OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic	White its: OSLON Square EC 36.0° 85 % 2.5 cd/lm 1	
Required component Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	White its: OSLON Square EC 36.0° 85 % 2.5 cd/lm 1 White	
Required componer OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic	White its: OSLON Square EC 36.0° 85 % 2.5 cd/lm 1 White	
Required componer OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	White its: OSLON Square EC 36.0° 85 % 2.5 cd/lm 1 White	
Required componer OSRAM Opto Semiconductors LED FWHM Efficiency Peak intensity LEDs/each optic Light colour	White its: OSLON Square EC 36.0° 85 % 2.5 cd/lm 1 White	



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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