

GABRIELLA-MIDI-W

~35° spot beam with holder and installation tape

SPECIFICATION:

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



Component GABRIELLA-MIDI-W GABRIELLA-MIDI-HLD

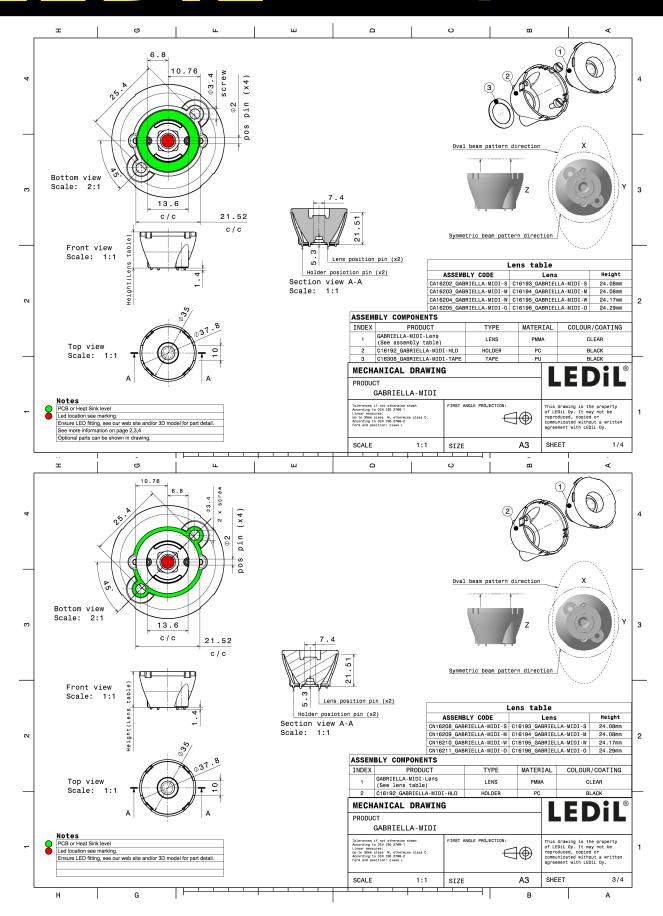
Type Single lens Assembly

Material	Colour	Finish
PMMA	clear	
PC	black	

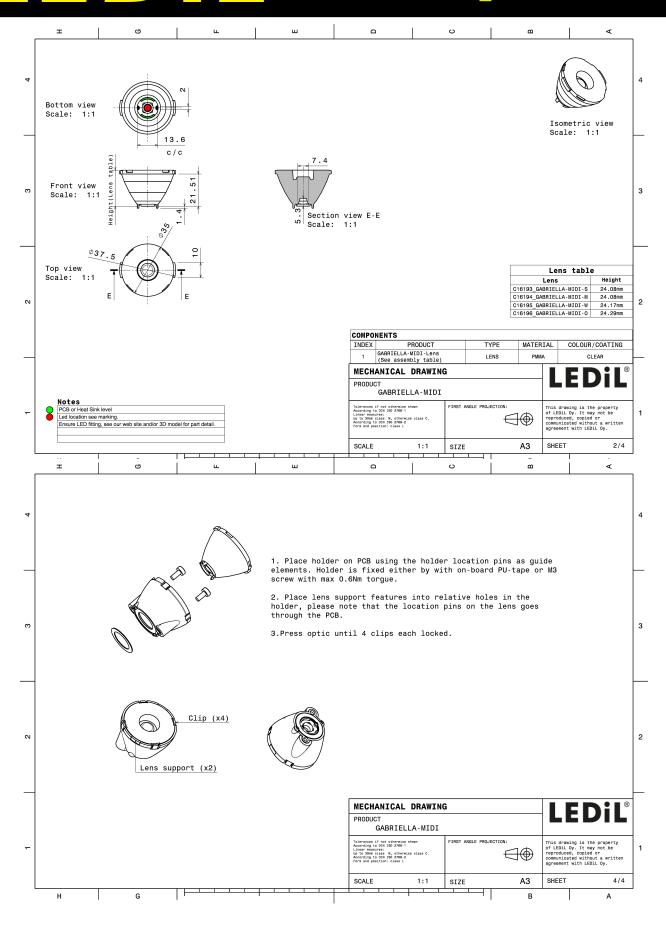
LEDiL

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



OPTICAL RESULTS (MEASURED):

	D	90°
LED	XHP35 HI	
FWHM / FWTM	35.0° / 56.0°	70
Efficiency	86 %	
Peak intensity	2.3 cd/lm	
LEDs/each optic	1	
Light colour	White	g
Required compone	ents:	
		30* 200
	D	90°
LED	XHP50.2	
FWHM / FWTM	34.0° / 59.0°	7
Efficiency	82 %	
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
		8°*
LED	XM-L RGBW (XMLDCL HI)	70
FWHM / FWTM	33.0° / 61.0° 82 %	
Efficiency	82 %	60
Peak intensity	2 cd/lm	
LEDs/each optic	2 cd/lm 1	
LEDs/each optic Light colour	2 cd/lm 1 RGBW	
LEDs/each optic	2 cd/lm 1 RGBW	e so
LEDs/each optic Light colour	2 cd/lm 1 RGBW	
LEDs/each optic Light colour	2 cd/lm 1 RGBW	
LEDs/each optic Light colour Required compone	2 cd/lm 1 RGBW	
LEDs/each optic Light colour	2 cd/lm 1 RGBW	
LEDs/each optic Light colour Required compone	2 cd/lm 1 RGBW ents:	
LEDs/each optic Light colour Required compone	2 cd/lm 1 RGBW	
LEDs/each optic Light colour Required compone Oscano Opto Semiconductors LED	2 cd/lm 1 RGBW ents: OSTAR Stage (S2WP)	
LEDs/each optic Light colour Required compone Option Semiconductors LED FWHM / FWTM	2 cd/lm 1 RGBW ents: OSTAR Stage (S2WP) 36.0° / 57.0°	
LEDs/each optic Light colour Required compone Optic Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	2 cd/lm 1 RGBW ents: OSTAR Stage (S2WP) 36.0° / 57.0° 84 %	
LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	2 cd/lm 1 RGBW ents: OSTAR Stage (S2WP) 36.0° / 57.0° 84 % 2.1 cd/lm 1 White	
LEDs/each optic Light colour Required compone Optic Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	2 cd/lm 1 RGBW ents: OSTAR Stage (S2WP) 36.0° / 57.0° 84 % 2.1 cd/lm 1 White	
LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	2 cd/lm 1 RGBW ents: OSTAR Stage (S2WP) 36.0° / 57.0° 84 % 2.1 cd/lm 1 White	
LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	2 cd/lm 1 RGBW ents: OSTAR Stage (S2WP) 36.0° / 57.0° 84 % 2.1 cd/lm 1 White	
LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	2 cd/lm 1 RGBW ents: OSTAR Stage (S2WP) 36.0° / 57.0° 84 % 2.1 cd/lm 1 White	



OPTICAL RESULTS (MEASURED):

stour stanconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SPF05F0A 36.0° / 56.0° 86 % 2.3 cd/lm 1 RGBW		64 00 00 00 00 00 00 00 00 00 00 00 00 00
			30 ⁴ 200 30 ⁴
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SPF05F0B 36.0° / 56.0° 86 % 2.3 cd/lm 1 RGBW ents:		201 201 201 201 201 201 201 201
seous SHARCONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SPF05F0C 35.0° / 57.0° 84 % 2.2 cd/lm 1 RGBW ents:		24- 25- 26- 26- 26- 26- 26- 26- 26- 26



		90° 90°
LED	J Series 5050 Round LES	
FWHM / FWTM	34.0° / 58.0°	75.
Efficiency	84 %	
Peak intensity	2.2 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic	1 White	
Light colour	White	
Required components:		
		\times / \vee / \times
		36° 36° 36°
		90° 90°
LED	XHP50	
FWHM / FWTM	32.0° / 58.0°	75*
Efficiency	83 %	
Peak intensity	2.3 cd/lm	60* S0
LEDs/each optic	1	
Light colour	White	g
Required components:		1690
		30* 2400 30*
		15° 0° 15°
		90* <u>90</u> * <u>30</u> *
	XM-L RGBW (XMLCTW)	50° 30°
LED	XM-L RGBW (XMLCTW) 36.0° / 58.0°	33. 33. 80. 30. 7.0. 30.
LED FWHM / FWTM	36.0° / 58.0°	25. 26. 26. 26. 26. 26. 26. 26. 26. 26.
LED FWHM / FWTM Efficiency	36.0° / 58.0° 85 %	00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity	36.0° / 58.0° 85 % 2.2 cd/lm	32, 00 12, 36, 93, 93,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	36.0° / 58.0° 85 % 2.2 cd/lm 1	22. 90. 90. 90. 90. 90. 90. 90. 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 85 % 2.2 cd/lm	9 ¹ 9 ¹ 9 ² 9 ² 9 ² 9 ² 9 ² 9 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	36.0° / 58.0° 85 % 2.2 cd/lm 1	9 ¹ 9 ¹ 9 ² 9 ² 9 ² 9 ² 9 ² 9 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 85 % 2.2 cd/lm 1	9 ¹ 9 ¹ 9 ² 9 ² 9 ² 9 ² 9 ² 9 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 85 % 2.2 cd/lm 1	9° 00 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 85 % 2.2 cd/lm 1	90 00 00 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 85 % 2.2 cd/lm 1	90 00 00 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	36.0° / 58.0° 85 % 2.2 cd/lm 1 White	90 00 00 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	36.0° / 58.0° 85 % 2.2 cd/lm 1 White	90 00 00 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	36.0° / 58.0° 85 % 2.2 cd/lm 1 White XM-L2 37.0° / 58.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	36.0° / 58.0° 85 % 2.2 cd/lm 1 White XM-L2 37.0° / 58.0° 85 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	36.0° / 58.0° 85 % 2.2 cd/lm 1 White XM-L2 37.0° / 58.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	36.0° / 58.0° 85 % 2.2 cd/lm 1 White XM-L2 37.0° / 58.0° 85 % 2.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	36.0° / 58.0° 85 % 2.2 cd/lm 1 White XM-L2 37.0° / 58.0° 85 % 2.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED EU FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 85 % 2.2 cd/lm 1 White XM-L2 37.0° / 58.0° 85 % 2.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED EU FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 85 % 2.2 cd/lm 1 White XM-L2 37.0° / 58.0° 85 % 2.2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	36.0° / 58.0° 85 % 2.2 cd/lm 1 White XM-L2 37.0° / 58.0° 85 % 2.2 cd/lm 1	



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G2 37.0° / 57.0° 86 % 2.3 cd/lm 1 White	20 ⁴ 20 20 ⁴ 20 20 ⁴ 20 20 20 20 20 20 20 20 20 20
CREES LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G2 HE 38.0° / 56.0° 85 % 2.2 cd/lm 1 White	200 200 00 00 00 00 00 00 00 00
LED ENGIN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LZ7 Plus (LZ7-04M2PD) 35.0° / 57.0° 87 % 2.3 cd/lm 1 White	30° 30° 30° 30° 90° 60° 60° 60°
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Round LES 34.0° / 58.0° 85 % 2.3 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20



	DS	90° 90'
LED FWHM / FWTM Efficiency Peak intensity	LUXEON M/MX 33.0° / 59.0° 82 % 2.2 cd/lm	
LEDs/each optic	1	
Light colour Required components:	White	200 200 200 200 200
	DS	90° 90°
LED	LUXEON MZ	
FWHM / FWTM	35.0° / 57.0°	
Efficiency	85 %	60 ⁴ 800 60 ⁴
Peak intensity	2.3 cd/lm	
LEDs/each optic	1	
Light colour Required components:	White	e.
		30 ⁴ 30 ⁹ 30 ⁹
MICHIΛ		90* 90'
LED	NV4x144A	
FWHM / FWTM	34.0° / 59.0°	
Efficiency	82 %	60 ⁴ 60 ⁴
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour Required components:	White	
OSRAM Opto Semiconductors		90* 90
LED	Duris S8	
FWHM / FWTM	36.0° / 59.0°	235
Efficiency	84 %	695
Peak intensity	2.1 cd/lm	
LEDs/each optic	1	
Light colour Required components:	White	



OSRAM Opto Semiconductors		90 ⁴
LED	OSLON Square EC	
FWHM / FWTM	36.0° / 56.0°	
Efficiency	85 %	50 ⁺ 500 50 ⁺
Peak intensity	2.5 cd/lm	
LEDs/each optic	1	
Light colour	White	97° 63*
Required components	s:	34 ⁴ 25 ⁴ 60 25 ⁴
SAMSU	NG	50°
LED	LM28xB Series	
FWHM / FWTM	38.0° / 56.0°	73.
Efficiency	88 %	60° 800 60°
Peak intensity	2.4 cd/lm	$- \wedge / / / \wedge \wedge /$
LEDs/each optic	1	
Light colour	White	43° 43°
Required components	N.	3600



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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