

GABRIELLA-MIDI-M

~25° wide beam with holder

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 37.5 mm
Height	24.1 mm
Fastening	pin, screw
ROHS compliant	yes 🛈

MATERIAL SPECIFICATIONS:

Component C16194_GABRIELLA-MIDI-M C16192_GABRIELLA-MIDI-HLD **Type** Single lens Holder

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LED				

Material	Colour
PMMA	clear
PC	black

Finish

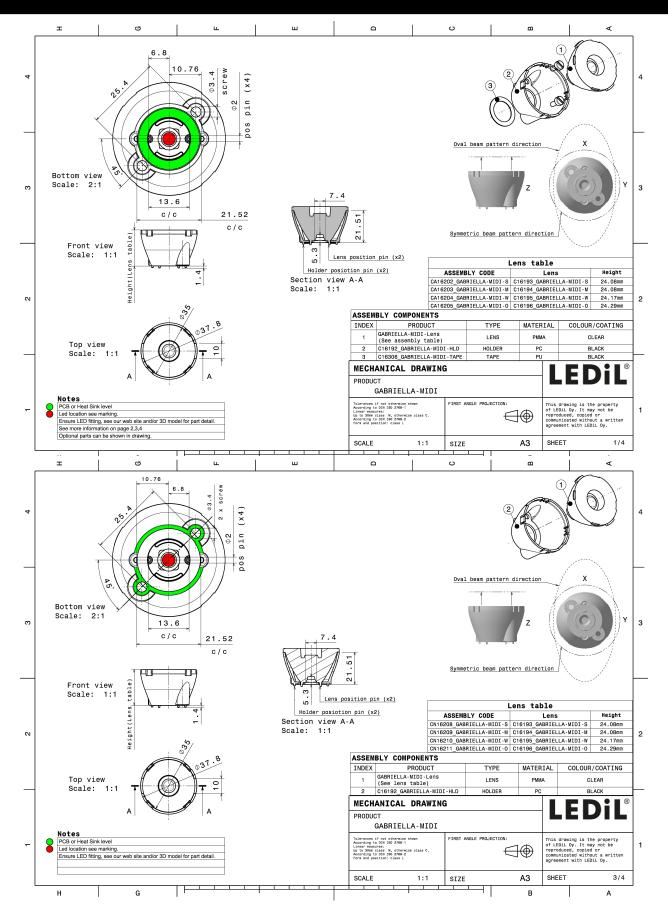
ORDERING INFORMATION:

Quantities for one set:

Single lens 1 Holder 1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16194_GABRIELLA-MIDI-M » Box size: 476 x 273 x 292 mm	Single lens	500	100	50	9.0
C16192_GABRIELLA-MIDI-HLD » Box size: 476 x 273 x 292 mm	Holder	500	100	50	3.6



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Isometric view Scale: 1:1 Scale:

Lens table

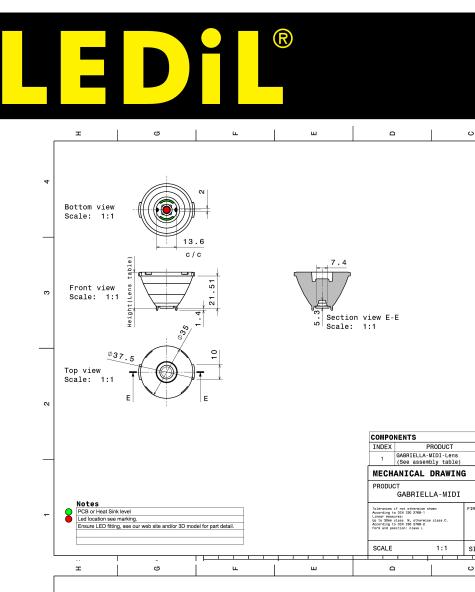
Height

4

4

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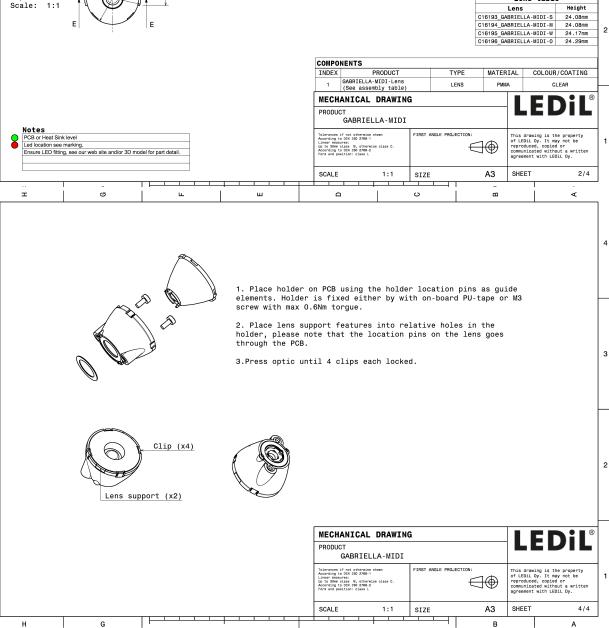
m



4

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2



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



PHOTOMETRIC DATA (MEASURED):

UMIL	EDS	59*
LED	LUXEON MultiColor Module 2.5W	
FWHM / FWTM	25.0° / 45.0°	
Efficiency	86 %	
Peak intensity	3.8 cd/lm	160
LEDs/each optic	1	
Light colour	RGBW	₹ ⁴ - 200 -
Required compone	nts:	229
		24* <u>409</u> 25 0 ⁴ 15 [°]
SEOUL SEMICONDUCTOR		90 ⁴
LED	SPF05F0A	
FWHM / FWTM	25.0° / 42.0°	
Efficiency	88 %	
Peak intensity	4.5 cd/lm	^{67*}
LEDs/each optic	4	
Light colour	RGBW	e.
Required compone	nts:	220
		20 ⁴ 20 ⁹ 499 20 ⁴
SEQUL		80 ⁴
SEOUL SEMICONDUCTOR	SPF05F0B	
FWHM / FWTM	25.0° / 45.0°	77
Efficiency	87 %	
Linoionoy	01 /0	50°
	3.8 cd/lm	
Peak intensity	3.8 cd/lm 4	
Peak intensity LEDs/each optic	4	ar A
Peak intensity LEDs/each optic Light colour	4 RGBW	er 209
Peak intensity LEDs/each optic Light colour	4 RGBW	ar A
Peak intensity LEDs/each optic	4 RGBW	ar A
Peak intensity LEDs/each optic Light colour	4 RGBW	- 359
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Peak intensity LEDs/each optic Light colour Required compone	4 RGBW nts:	ar 500 250
Peak intensity LEDs/each optic Light colour Required compone seoul semiconductor LED	4 RGBW nts: SPF05F0C	ar 500 250
Peak intensity LEDs/each optic Light colour Required compone seou.semconductor LED FWHM / FWTM	4 RGBW nts: SPF05F0C 25.0° / 44.0°	ar 500 250
Peak intensity LEDs/each optic Light colour Required compone seous semiconoucror LED FWHM / FWTM Efficiency	4 RGBW nts: SPF05F0C 25.0° / 44.0° 87 %	ar 500 250
Peak intensity LEDs/each optic Light colour Required compone seous semiconductor LED FWHM / FWTM Efficiency Peak intensity	4 RGBW nts: SPF05F0C 25.0° / 44.0°	
Peak intensity LEDs/each optic Light colour Required compone SEOULSEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	4 RGBW nts: SPF05F0C 25.0° / 44.0° 87 % 4.1 cd/lm 4	
Peak intensity LEDs/each optic Light colour Required compone SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	4 RGBW nts: SPF05F0C 25.0° / 44.0° 87 % 4.1 cd/lm 4 RGBW	
Peak intensity LEDs/each optic Light colour Required compone SEOULSEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	4 RGBW nts: SPF05F0C 25.0° / 44.0° 87 % 4.1 cd/lm 4 RGBW	
Peak intensity LEDs/each optic Light colour Required compone SEQUISENCONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	4 RGBW nts: SPF05F0C 25.0° / 44.0° 87 % 4.1 cd/lm 4 RGBW	
Peak intensity LEDs/each optic Light colour Required compone SEQUE SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	4 RGBW nts: SPF05F0C 25.0° / 44.0° 87 % 4.1 cd/lm 4 RGBW	



CREES LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XM-L RGBW (XMLCTW) 26.0° / 44.0° 88 % 4 cd/lm 1 White	34° 54° 54° 55° 56° 500 50° 50° 50° 50° 50° 50° 50
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XM-L RGBW (XMLDCL HD) 26.0° / 44.0° 88 % 4.1 cd/lm 1 RGBW	5° 5° 6° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5°
CREEC LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XM-L RGBW (XMLDCL HI) 26.0° / 42.0° 90 % 4.3 cd/lm 1 RGBW	5° 6° 6° 500 500 500 500 500 500 500 500 500 50
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XM-L2 27.0° / 43.0° 88 % 4.1 cd/lm 1 White	5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5



CREE LED	XP-G2 26.0° / 42.0° 89 % 4.4 cd/lm 1 White	20° - 100 - 10° - 20° 20° - 200 - 20° 20° - 200 - 20° 20° - 20° 20° 20° - 20° 20° - 20° 20° 20° - 20° 20° 20° - 20° 20° 20° -
		90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G2 HE 26.0° / 42.0° 88 % 4.2 cd/lm 1 White	77 60 ⁴ 67 77 200 200
		36° 36° 36°
LED ENGIN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LZ7 Plus (LZ7-04M2PD) 25.0° / 42.0° 90 % 4.4 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON M/MX 25.0° / 46.0° 86 % 3.6 cd/lm 1 White	50 50 50 50 50 50 50 50 50 50



	S S	90* 90*
LED FWHM / FWTM	LUXEON MZ 26.0° / 43.0°	7
Efficiency	88 %	60° 60
Peak intensity	4 cd/lm	
LEDs/each optic Light colour	1 White	47 ⁴
Required components:	Wille	
rrequired components.		3200
		130°
OSRAM		155 00 155
Opto Semiconductors		90° 90'
LED	DURIS E 5050 (GW J9LHS1.4M)	75*
FWHM / FWTM	25.0 + 26.0° / 44.0°	
Efficiency	89 %	60.0 60.0
Peak intensity	4.1 cd/lm	1000
LEDs/each optic	1	
Light colour	RGBW	
Required components:		220
		36 ⁶ 30 ⁵
OSRAM Opto Semiconductors		90° A 90°
LED	Duris S8	
FWHM / FWTM	27.0° / 45.0°	25"
Efficiency	87 %	60 ⁴
Peak intensity	3.7 cd/lm	
LEDs/each optic	1	
Light colour		
	White	43 ² 63 ⁴
Required components:	White	g
	White	
	White	er 203
	White	
Required components: OSRAM	White	340
Required components: OSRAM Opto Semiconductors		340
Required components: OSRAM Opto Semiconductors LED	OSLON Square EC	<u>200</u> 200 200 200 200 200 200
Required components: OSRAM Opto Semiconductors LED FWHM / FWTM	OSLON Square EC 26.0° / 41.0°	3 ¹⁰ 200 3 ¹⁰ 200 3 ¹⁰ 200 300 300 300 300 300 300 300 300 300
Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	OSLON Square EC 26.0° / 41.0° 89 %	200 200 200 200 200 200 200 200 200 200
Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	OSLON Square EC 26.0° / 41.0°	3 ¹⁰ 200 3 ¹⁰ 200 3 ¹⁰ 200 300 300 300 300 300 300 300 300 300
Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	OSLON Square EC 26.0° / 41.0° 89 % 4.5 cd/lm	200 200 200 200 200 200 200
Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	OSLON Square EC 26.0° / 41.0° 89 % 4.5 cd/lm 1	200 200 200 200 200 200 200 200 200 200
Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	OSLON Square EC 26.0° / 41.0° 89 % 4.5 cd/lm 1	
Required components: OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	OSLON Square EC 26.0° / 41.0° 89 % 4.5 cd/lm 1	



OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSTAR Stage (S2WP) 25.0° / 42.0° 89 % 4.5 cd/lm 1 White		61 100 100 100 100 100 100 100 1
OSRAM Opto Semiconductors	SFH 4717AS	Polar intensity graph	31 32 32 32 32 32 32 32 32 32 32
FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	25.0° / 40.0° 87 % 1 IR		8°



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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