

GABRIELLA-MIDI-S

~10° spot beam with holder

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 37.8 mm
Height	24.1 mm
Fastening	pin, screw
ROHS compliant	yes 🛈



Finish

MATERIAL SPECIFICATIONS:

Component				
C16193_GABRIELLA-MIDI-S				
C16192_GABRIELLA-MIDI-HLD				

Type Single lens Holder

Material	Colour
PMMA	clear
PC	black

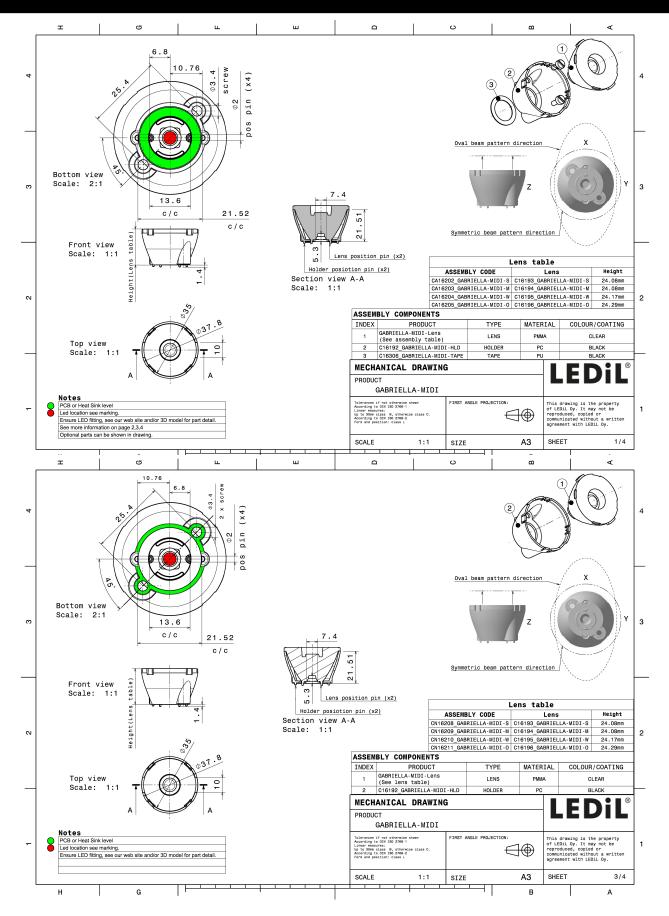
ORDERING INFORMATION:

Quantities for one set:

Single lens 1 Holder 1

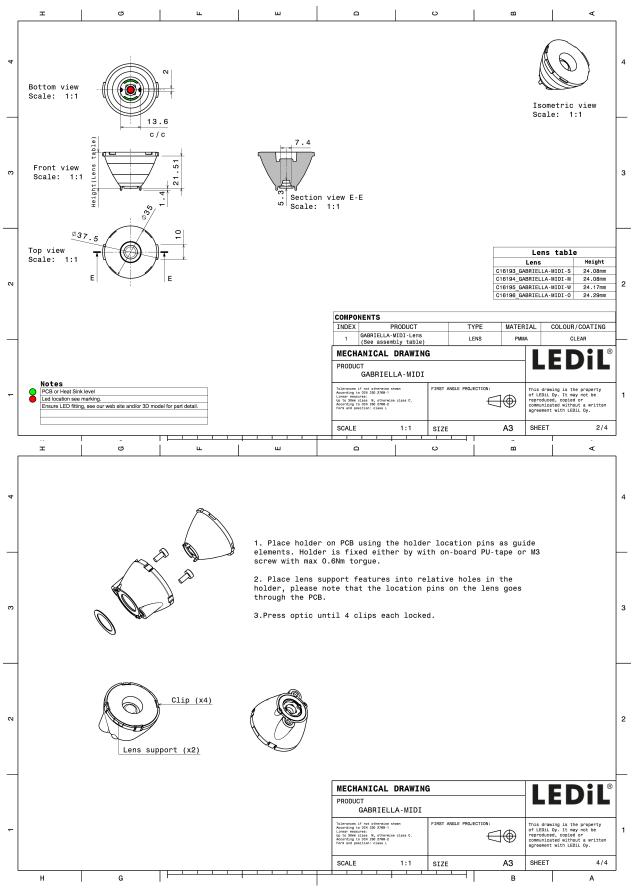


Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16193_GABRIELLA-MIDI-S » Box size: 476 x 273 x 292 mm	Single lens	500	100	50	9.3
C16192_GABRIELLA-MIDI-HLD » Box size: 476 x 273 x 292 mm	Holder	500	100	50	3.6



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



PHOTOMETRIC DATA (MEASURED):

	1	1599
LED	– XQ-E HD	13999 e
FWHM / FWTM	13.0° / 22.0°	12009
Efficiency	87 %	1000
Peak intensity	13.8 cd/lm	9999
LEDs/each optic	4	8000
Light colour	↔ RGBW	2000
Required componer		5000
Required componer	1.5.	••••
		5000
		2007
		-18.5 -12.5 -10.7 -10.7 -10.7 -12.7 6.7 2.47 10.7 10.7 10.7 10.7 10.7 10.7
	EDS	30° A 50°
LED	LUXEON 5050 Round LES	
FWHM / FWTM	14.0° / 26.0°	75'
Efficiency	91 %	
Peak intensity	11.5 cd/lm	
LEDs/each optic	1	
Light colour	White	42°
Required componer		
		800
		\times / \vee \times
		36° 35° 36°
	EDS	1000
		1899
LED	LUXEON C	3009
LED FWHM / FWTM	LUXEON C 16.0° / 27.0°	Α
LED FWHM / FWTM Efficiency	LUXEON C 16.0° / 27.0° 86 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm	800
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON C 16.0° / 27.0° 86 %	100
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW	039
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW	809
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW	039
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW	1019
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW	B00 - 700 - 800 - 800 - 900 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW hts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW hts: EDS LUXEON CZ	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW hts: EDS LUXEON CZ 17.0° / 27.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW hts: EDS LUXEON CZ 17.0° / 27.0° 89 %	333 933 934 935 936 937 938 939 9
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW hts: EDS LUXEON CZ 17.0° / 27.0° 89 % 9.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer COMPARTMENT Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW hts: EDS LUXEON CZ 17.0° / 27.0° 89 % 9.2 cd/lm 4 RGBW	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW hts: EDS LUXEON CZ 17.0° / 27.0° 89 % 9.2 cd/lm 4 RGBW	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer COMPARTMENT Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW hts: EDS LUXEON CZ 17.0° / 27.0° 89 % 9.2 cd/lm 4 RGBW	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer COMPARTMENT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON C 16.0° / 27.0° 86 % 9.1 cd/lm 4 RGBW hts: EDS LUXEON CZ 17.0° / 27.0° 89 % 9.2 cd/lm 4 RGBW	



PHOTOMETRIC DATA (MEASURED):

	EDC	
LED	LUXEON MultiColor Module 2.5W	1000
FWHM / FWTM	13.0° / 27.0°	500 m
Efficiency	89 %	100
Peak intensity	11 cd/lm	7997
LEDs/each optic	1	600 -
Light colour	RGBW	500 -
Required compone	ents:	
		100
		1301
		- 12.67 - 12.57 - 14.7 - 14.7 - 14.7 - 14.7 - 12.67 - 12.67 - 10.
🖉 LUMIL	.EDS	95°
LED	LUXEON V	
FWHM / FWTM	12.0° / 22.0°	
Efficiency	89 %	
Peak intensity	15.1 cd/lm	
LEDs/each optic	1	
Light colour	White	g*
Required compone	ents:	
		×*
		15° 0° 15°
(CELLINA)		
		20°
LED	SBM-40-RGBW	90* 35
LED FWHM / FWTM	SBM-40-RGBW 10.0° / 19.0°	90 ⁴
LED FWHM / FWTM Efficiency	SBM-40-RGBW 10.0° / 19.0° 89 %	90* 27 90*
LED FWHM / FWTM Efficiency Peak intensity	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm	90 ⁴ 95 90 ⁴ 9600
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1	9/* 9/*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White	97 97 97 97 97 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White	92* 92* 97* 12m
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White	97* LIBO
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White	94* 37 94 57 57 57 58 50 50 50 50 50 50 50 50 50 50 50 50 50
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White ents: NCSxE17A	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White ents: NCSxE17A 13.0° / 25.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White ents: NCSxE17A 13.0° / 25.0° 92 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White ents: NCSxE17A 13.0° / 25.0° 92 % 12 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White ents: NCSxE17A 13.0° / 25.0° 92 % 12 cd/lm 4	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White ents: NCSxE17A 13.0° / 25.0° 92 % 12 cd/lm 4 RGBW	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White ents: NCSxE17A 13.0° / 25.0° 92 % 12 cd/lm 4 RGBW	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIM LED FWHM / FWTM Efficiency Peak intensity	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White ents: NCSxE17A 13.0° / 25.0° 92 % 12 cd/lm 4 RGBW	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White ents: NCSxE17A 13.0° / 25.0° 92 % 12 cd/lm 4 RGBW	
LED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CONCENT ED ED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SBM-40-RGBW 10.0° / 19.0° 89 % 21 cd/lm 1 White ents: NCSxE17A 13.0° / 25.0° 92 % 12 cd/lm 4 RGBW	



PHOTOMETRIC DATA (MEASURED):

		50 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW219F 17.0° / 31.0° 87 % 7.3 cd/lm 1 White	
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SPF05F0A 10.0° / 19.0° 89 % 20.8 cd/lm 4	2000
Light colour Required compone	RGBW	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SPF05F0B 11.0° / 20.0° 90 % 19.1 cd/lm 4 RGBW	
Required compone		1000 30 ⁴ 10 ⁴ 10 ⁴ 30 ⁴
stout stantconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SPF05F0C 12.0° / 22.0° 89 % 14.3 cd/lm 4 RGBW hts:	90° 90 79° 100 90° 100 90° 100 90° 100 900 900 900 900 900 900 900 900 900
		34 1300 24 13 25



PHOTOMETRIC DATA (SIMULATED):

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XM-L RGBW (XMLDCL HD) 14.0° / 25.0° 93 % 13.5 cd/lm 1 RGBW	20 20 20 20 20 20 20 20 20 20
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XM-L RGBW (XMLDCL HI) 12.0 + 11.0° / 20.0 + 21.0° 94 % 20.1 cd/lm 1 RGBW	5
CREES LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G2 HE 12.0° / 22.0° 92 % 17.9 cd/lm 1 White	5°
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NV4x144A 16.0° / 28.0° 89 % 9.7 cd/lm 1 White	



PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	DURIS E 5050 RGBW 14.0° / 24.0 + 26.0° 93 % 13.1 cd/lm 1 RGBW		72. 6, 17. 26. 61. 100 100 100 100 100 100 100 100 100 1
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Duris S8 14.0° / 25.0° 92 % 12.8 cd/lm 1 White		200 00 00 00 00 00 00 00 00 00
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SFH 4717AS 11.0° / 21.0° 91 % 1 IR	Polar intensity graph	27 27 27 27 27 27 27 27 27 27