

## **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

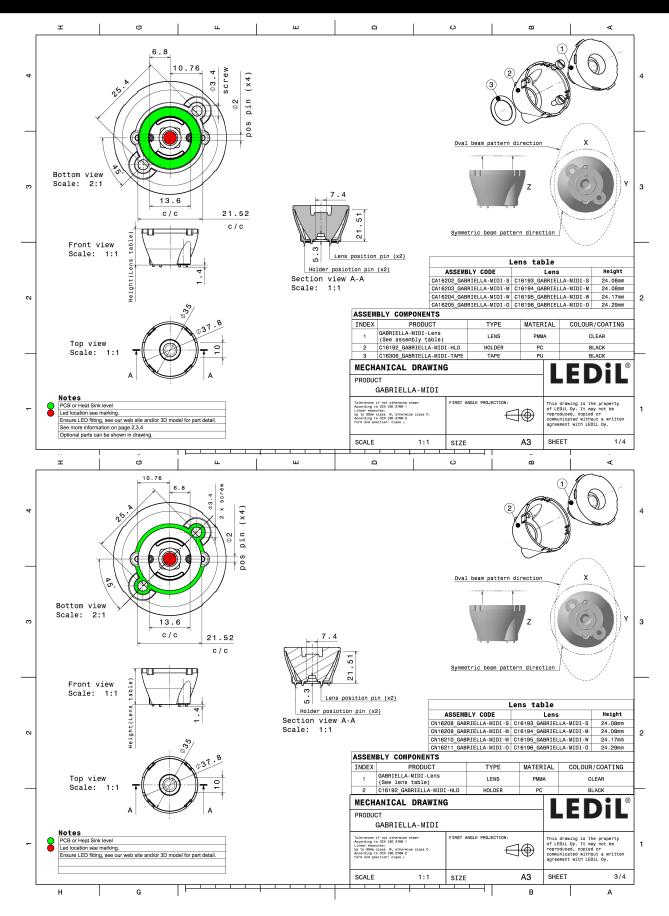
#### **ORDERING INFORMATION:**

#### Quantities for one set:

Single lens 1 Holder 1

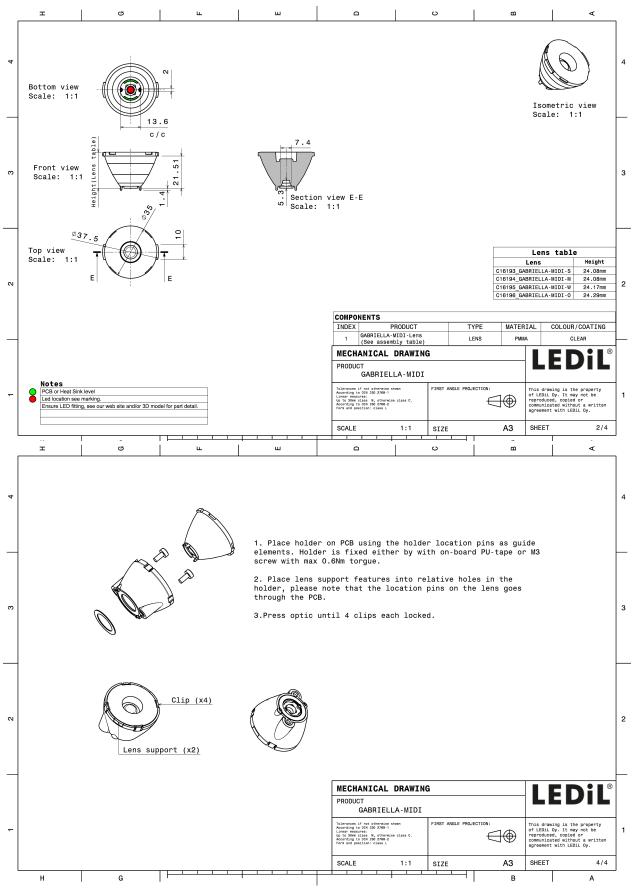


Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16193_GABRIELLA-MIDI-S » Box size: 476 x 273 x 292 mm	Single lens	500	100	50	9.3
C16192_GABRIELLA-MIDI-HLD » Box size: 476 x 273 x 292 mm	Holder	500	100	50	3.6



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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 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      900 -      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      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      939      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°	<b>500 m</b>
Efficiency	89 %	100
Peak intensity	11 cd/lm	7997
LEDs/each optic	1	600 <b>-</b>
Light colour	RGBW	500 -
Required compone	ents:	
		<b>100</b>
		1301
		- 12.67 - 12.57 - 14.7 - 14.7 - 14.7 - 14.7 - 12.67 - 12.67 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 10.7 - 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 <sup>4</sup>
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 <sup>4</sup> 95 90 <sup>4</sup> 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 <sup>4</sup>
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 <sup>4</sup> 10 <sup>4</sup> 10 <sup>4</sup> 30 <sup>4</sup>
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