

PRODUCT DATASHEET GABRIELLA-45-M

GABRIELLA-45-M

~25° medium beam with holder

SPECIFICATION:

Dimensions	Ø 45.0 mm
Height	28.9 mm
Fastening	screw
ROHS compliant	yes 🛈

MATERIALS:

Component C15810_GABRIELLA-45-M C15528_GABRIELLA-45-HLD **Type** Single lens Holder

	-		
	N.		
LEDiĽ			

Material	Colour	Finish
PMMA	clear	
PC	black	

ORDERING INFORMATION:

Quantities for one set:

Single lens 1 Holder 1

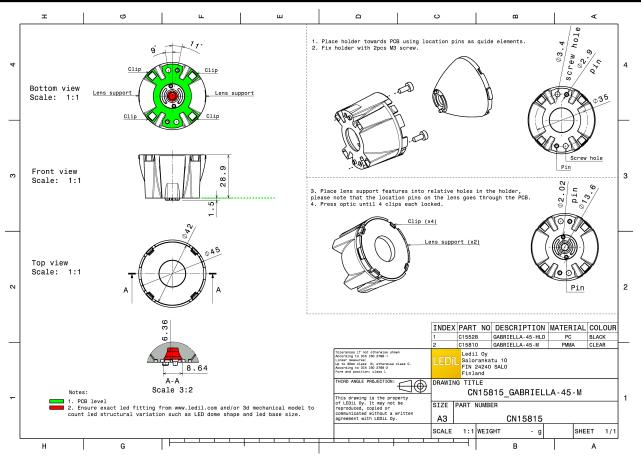


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Component		Qty in box	MOQ	MPQ	Box weight (kg)
C15810_GABRIELLA-45-M » Box size: 476 x 273 x 292 mm	Single lens	405	90	45	11.3
C15528_GABRIELLA-45-HLD » Box size: 476 x 273 x 292 mm	Holder	405	90	45	5.1



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



OPTICAL RESULTS (MEASURED):

COMIL	.EDS	50° 50°
LED	LUXEON 5052 RGBW	
FWHM / FWTM	24.0° / 43.0°	8
Efficiency	89 %	
Peak intensity	4.4 cd/lm	
LEDs/each optic	1	
Light colour	RGBW	er a
Required compone		
		30
M		n de n
	.EDS	90 [°] 90 [°]
LED	LUXEON CZ	21
FWHM / FWTM	23.0° / 43.0°	
Efficiency	89 %	60 ⁴ 500
Peak intensity	4.5 cd/lm	
LEDs/each optic	4	
Light colour	RGBW	er a
Required compone	ents:	
		345 100 100 100
		10 0 10
ELUM		
		90 ⁴
LED	SBM-40-RGBW	25 26 26
LED FWHM / FWTM	SBM-40-RGBW 23.0° / 39.0°	90 ⁴
LED FWHM / FWTM Efficiency	SBM-40-RGBW 23.0° / 39.0° 89 %	
LED FWHM / FWTM Efficiency Peak intensity	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1 White	94 99 75 95 96 97 97 90 90 90 90 90 90 90 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1 White ents: NCSxE17A 24.0° / 42.0° 90 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIM LED FWHM / FWTM Efficiency Peak intensity	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1 White ents: NCSxE17A 24.0° / 42.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1 White ents: NCSxE17A 24.0° / 42.0° 90 % 4.6 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 23.0° / 39.0° 89 % 5.1 cd/lm 1 White ents: NCSxE17A 24.0° / 42.0° 90 % 4.6 cd/lm 4 RGBW	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIM LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1 White ents: NCSxE17A 24.0° / 42.0° 90 % 4.6 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 23.0° / 39.0° 89 % 5.1 cd/lm 1 White ents: NCSxE17A 24.0° / 42.0° 90 % 4.6 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 23.0° / 39.0° 89 % 5.1 cd/lm 1 White ents: NCSxE17A 24.0° / 42.0° 90 % 4.6 cd/lm 4 RGBW	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone MICHIA Efficiency Peak intensity LEDs/each optic Light colour	SBM-40-RGBW 23.0° / 39.0° 89 % 5.1 cd/lm 1 White ents: NCSxE17A 24.0° / 42.0° 90 % 4.6 cd/lm 4 RGBW	



OPTICAL RESULTS (MEASURED):

A (
∕∕ NICHI∕		90 ⁴
LED	NVSW219F	
FWHM / FWTM	24.0° / 40.0°	
Efficiency	90 %	
Peak intensity	5 cd/lm	
LEDs/each optic	1	
Light colour	White	g ⁴
Required compone		
		30
		335 [°] 0 [°] 35 [°]
OSRAM Opto Semiconductors		90 ⁴
LED	OSLON Square EC	
FWHM / FWTM	24.0° / 39.0°	
Efficiency	88 %	
Peak intensity	5 cd/lm	
LEDs/each optic	1	
Light colour	White	g* a
Required compone	ents:	
		30*
		157 00 155
0000444		
OSRAM Opto Semiconductors		50 ⁴
OSRAM Opto Semiconductors	Ostar-SMT RGB	90°
	Ostar-SMT RGB 24.0° / 40.0°	39 ⁴
LED		
LED FWHM / FWTM	24.0° / 40.0°	
LED FWHM / FWTM Efficiency	24.0° / 40.0° 90 %	
LED FWHM / FWTM Efficiency Peak intensity	24.0° / 40.0° 90 % 4.9 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	24.0° / 40.0° 90 % 4.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 40.0° 90 % 4.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 40.0° 90 % 4.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 40.0° 90 % 4.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	24.0° / 40.0° 90 % 4.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 40.0° 90 % 4.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	24.0° / 40.0° 90 % 4.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	24.0° / 40.0° 90 % 4.9 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer	24.0° / 40.0° 90 % 4.9 cd/lm 1 White ents:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone scoul semiconductor LED FWHM / FWTM Efficiency	24.0° / 40.0° 90 % 4.9 cd/lm 1 White ents: SPF05F0A 24.0° / 39.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone seous semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	24.0° / 40.0° 90 % 4.9 cd/lm 1 White ents: SPF05F0A 24.0° / 39.0° 88 % 5 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone scoul semiconoucror LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 40.0° 90 % 4.9 cd/lm 1 White ents: SPF05F0A 24.0° / 39.0° 88 % 5 cd/lm 1 RGBW	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone stour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	24.0° / 40.0° 90 % 4.9 cd/lm 1 White ents: SPF05F0A 24.0° / 39.0° 88 % 5 cd/lm 1 RGBW	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone scoul semiconoucror LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 40.0° 90 % 4.9 cd/lm 1 White ents: SPF05F0A 24.0° / 39.0° 88 % 5 cd/lm 1 RGBW	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone seous semiconoucror LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 40.0° 90 % 4.9 cd/lm 1 White ents: SPF05F0A 24.0° / 39.0° 88 % 5 cd/lm 1 RGBW	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone seour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	24.0° / 40.0° 90 % 4.9 cd/lm 1 White ents: SPF05F0A 24.0° / 39.0° 88 % 5 cd/lm 1 RGBW	



OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR		50° A
LED	SPF05F0B	
FWHM / FWTM	24.0° / 40.0°	
Efficiency	88 %	
Peak intensity	4.9 cd/lm	
LEDs/each optic	1	
Light colour	RGBW	
Required compone	ents:	25 ⁴ 25 ⁴ 0 ⁴ 25 ⁴ 3
SEOUL		90 ⁴
SEOUL SEMICONDUCTOR	SPF05F0C	
FWHM / FWTM	24.0° / 41.0°	77
Efficiency	89 %	
Peak intensity	4.8 cd/lm	
LEDs/each optic	1	
Light colour	RGBW	92
Required compone		200 200 200 200



		90° 90°
LED	J Series 5050 Round LES	
FWHM / FWTM	23.0° / 40.0°	75*
Efficiency	92 %	1000
Peak intensity	5.2 cd/lm	60° 60°
LEDs/each optic	1	\times / / \wedge \times
Light colour	White	gy 3200 67*
Required components:	Wille	
required components.		
		30° 30° 30° 15°
		90° A 50°
LED	XHP35.2 HD	
FWHM / FWTM	22.0° / 40.0°	27
Efficiency	88 %	1000
Peak intensity	4.9 cd/lm	60° / 60°
LEDs/each optic	1	
Light colour	White	ar ar
Required components:		3300
		300 300
		15° 0° 15°
		90* A 90*
	XHP50.2	92 [*]
LED	XHP50.2 22.0° / 40.0°	30°
LED FWHM / FWTM	22.0° / 40.0°	50° 50° 73° 72°
LED FWHM / FWTM Efficiency	22.0° / 40.0° 89 %	
LED FWHM / FWTM Efficiency Peak intensity	22.0° / 40.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	22.0° / 40.0° 89 % 5.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	22.0° / 40.0° 89 % 5.1 cd/lm 1	25 500 60 ² 60 ²
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	22.0° / 40.0° 89 % 5.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	22.0° / 40.0° 89 % 5.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	22.0° / 40.0° 89 % 5.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	22.0° / 40.0° 89 % 5.1 cd/lm 1	25 - 25 - 27 - 27 - 27 - 27 - 27 - 27 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	22.0° / 40.0° 89 % 5.1 cd/lm 1	25 - 25 - 27 - 27 - 27 - 27 - 27 - 27 -
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	22.0° / 40.0° 89 % 5.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	22.0° / 40.0° 89 % 5.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM	22.0° / 40.0° 89 % 5.1 cd/lm 1 White XHP50.3 HD 22.0° / 42.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency	22.0° / 40.0° 89 % 5.1 cd/lm 1 White XHP50.3 HD 22.0° / 42.0° 88 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency Peak intensity	22.0° / 40.0° 89 % 5.1 cd/lm 1 White XHP50.3 HD 22.0° / 42.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	22.0° / 40.0° 89 % 5.1 cd/lm 1 White XHP50.3 HD 22.0° / 42.0° 88 % 4.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	22.0° / 40.0° 89 % 5.1 cd/lm 1 White XHP50.3 HD 22.0° / 42.0° 88 % 4.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Required components: LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	22.0° / 40.0° 89 % 5.1 cd/lm 1 White XHP50.3 HD 22.0° / 42.0° 88 % 4.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	22.0° / 40.0° 89 % 5.1 cd/lm 1 White XHP50.3 HD 22.0° / 42.0° 88 % 4.7 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	22.0° / 40.0° 89 % 5.1 cd/lm 1 White XHP50.3 HD 22.0° / 42.0° 88 % 4.7 cd/lm 1	



CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XHP70.2 24.0° / 44.0° 87 % 4 cd/lm 1 White	30. 20. 20. 20. 20. 20. 20. 20. 2
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XM-L RGBW (XMLCTW) 23.0° / 42.0° 85 % 4.5 cd/lm 1 White	51 ⁴ 51 ⁵ 51 ⁴ 51 ⁵
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XM-L RGBW (XMLDCL HD) 20.0° / 39.0° 92 % 6.3 cd/lm 1 RGBW	200 200 200 200 200 200 200 200
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XM-L RGBW (XMLDCL HI) 19.0 + 18.0° / 38.0° 92 % 6.7 cd/lm 1 RGBW	229 400 400 400 400 400 400 400 40



CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-E2 22.0° / 38.0° 92 % 6 cd/lm 1 Amber	24 20 10 10 10 10 10 10 10 10 10 10 10 10 10
LED ENGIN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LZ7 Plus (LZ7-04M2PD) 23.0° / 39.0° 93 % 5.5 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 C 24.0° 86 % 4 cd/lm 4 RGBW	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 20.0 + 19.0° / 38.0° 93 % 6.8 cd/lm 4 RGBW	20 20 20 20 20 20 20 20 20 20



OSRAM Opto Semiconductors			90 ⁴
LED	DURIS E 5050 (GW J9LHS1.4M)		75'
FWHM / FWTM	20.0 + 22.0° / 39.0 + 40.0°		$\Gamma \times X \land X \land I$
Efficiency	91 %		60° 50°
Peak intensity	5.6 cd/lm		
LEDs/each optic	1		2200
Light colour	RGBW		e
Required components:			2 ³ - 2 ³ - 2 ³ - 2 ³
OSRAM Opto Semiconductors			50°
LED	OSTAR Stage (S2WP)		
FWHM / FWTM	25.0°		75. 73.
Efficiency	86 %		
Peak intensity	4 cd/lm		60° 60°
LEDs/each optic	1		
Light colour	White		45*
Required components:			30° 0° 25° 30°
OSRAM Opto Semiconductors		Polar intensity graph	90 ⁴ 90 ⁴
LED	SFH 4717AS		1000
FWHM / FWTM	20.0° / 36.0°		60* 60*
Efficiency	92 %		
LEDs/each optic	1		57 57 57 57 57 57 57 57 57 57 57 57 57 5
Light colour Required components:	IR		
			36° 650 35°