GABRIELLA-45-W

~35° wide beam with holder and installation tape

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45.0 mm
Height	29.2 mm
Fastening	tape, pin, screw
ROHS compliant	yes ⓘ

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
GABRIELLA-45-W	Single lens	PMMA	clear	
GABRIELLA-45-HLD-T	Assembly	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CX15819_GABRIELLA-45-W	Single lens	405		45	0.0
» Box size:					

Top view

30.64

29.04

Front view

Ø45

Ø2.5

Ø2.78

Ø3.4

Bottom view

②

①

Isometric view

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	CA15928_GABRIELLA-45-HLD-T	HOLDER	PC	BLACK
2	C15813_GABRIELLA-45-W	LENS	PMMA	CLEAR

MECHANICAL DRAWING

PRODUCT

CX15819_GABRIELLA-45-W

LEDiL®

DATE
05.06.2018

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

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SCALE	3:2	WEIGHT	-	A3	SHEET 1/1

Notes

⬤ LED location

Ensure LED fitting from a product specific 3D model available from www.ledil.com

For more details about installation please see LEDiL Installation Guide on www.ledil.com

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

PHOTOMETRIC DATA (MEASURED):

CREE⇌LED

LED	XM-L RGBW HI
FWHM / FWTM	36.0° / 62.0°
Efficiency	79 %
Peak intensity	1.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
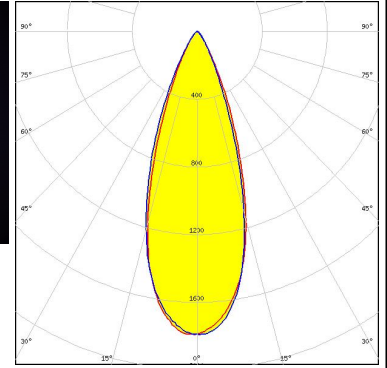
CREE⇌LED

LED	XQ-E HD
FWHM / FWTM	34.0° / 59.0°
Efficiency	77 %
Peak intensity	1.9 cd/lm
LEDs/each optic	4
Light colour	RGBW
Required components:	
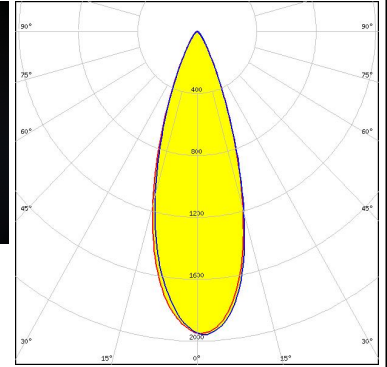
LUMILEDS

LED	LUXEON CZ
FWHM / FWTM	31.0° / 62.0°
Efficiency	74 %
Peak intensity	1.9 cd/lm
LEDs/each optic	4
Light colour	RGBW
Required components:	
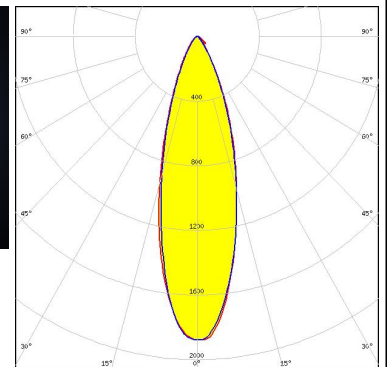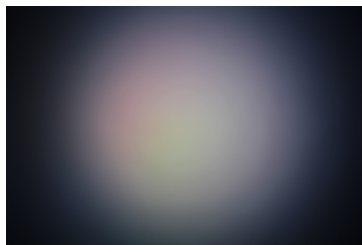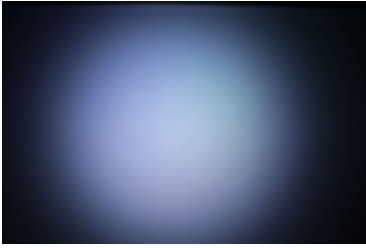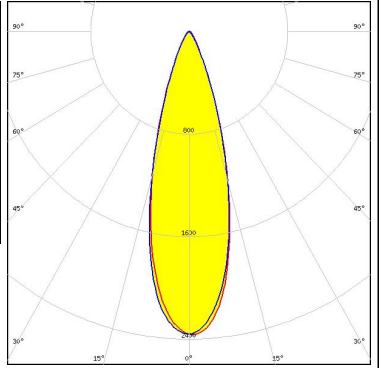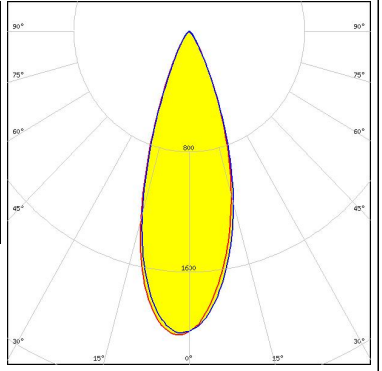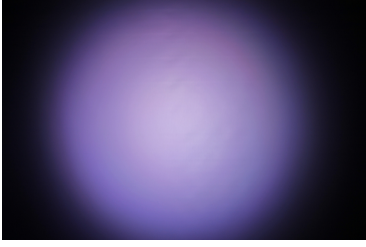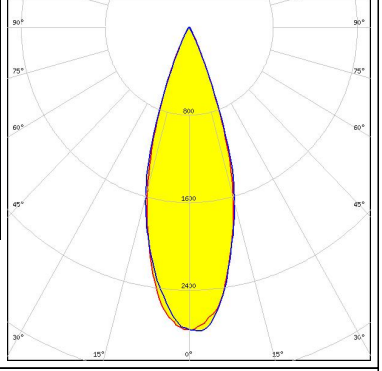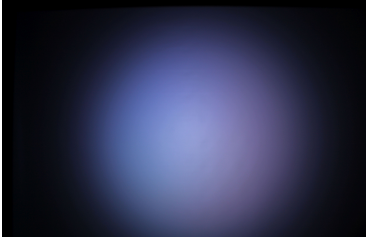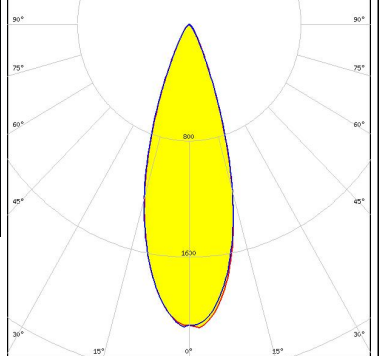
LUMINUS
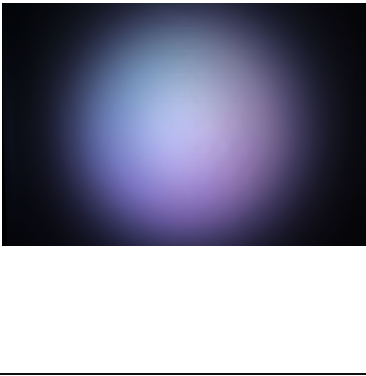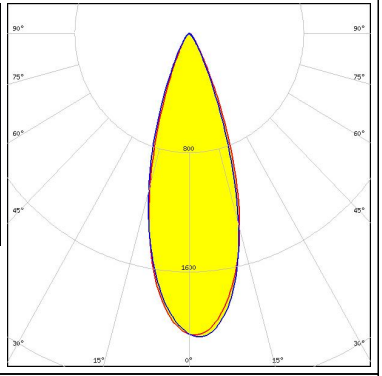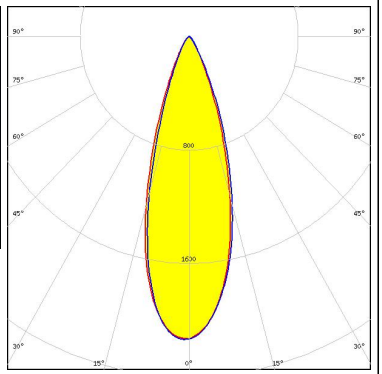
LED	SBM-40-RGBW
FWHM / FWTM	32.0° / 54.0°
Efficiency	79 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (MEASURED):

NICHIA

LED	NCSxE17A
FWHM / FWTM	30.0° / 54.0°
Efficiency	79 %
Peak intensity	2.4 cd/lm
LEDs/each optic	4
Light colour	RGBW
Required components:	

NICHIA

LED	NVSW219F
FWHM / FWTM	34.0° / 59.0°
Efficiency	80 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

OSRAM Opto Semiconductors

LED	Ostar-SMT RGB
FWHM / FWTM	34.0° / 51.0°
Efficiency	87 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

SEOUL SEMICONDUCTOR

LED	SPF05F0A
FWHM / FWTM	34.0° / 57.0°
Efficiency	79 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	RGBW
Required components:	

PHOTOMETRIC DATA (MEASURED):

LED	SPF05F0B
FWHM / FWTM	35.0° / 58.0°
Efficiency	79 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	RGBW
Required components:	

LED	SPF05F0C
FWHM / FWTM	32.0° / 57.0°
Efficiency	78 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	RGBW
Required components:	

PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSTAR Stage (S2WN)
FWHM / FWTM	38.0° / 61.0°
Efficiency	92 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
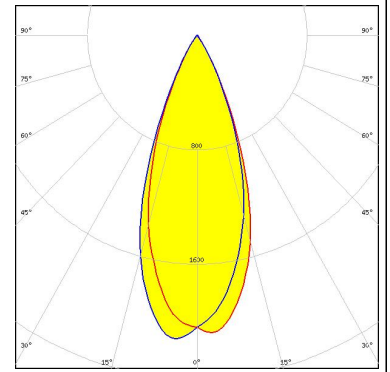
OSRAM
Opto Semiconductors

LED	OSTAR Stage (S2WP)
FWHM / FWTM	36.0° / 54.4°
Efficiency	0 %
LEDs/each optic	1
Light colour	White
Required components:	

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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