GABRIELLA-45-S

~9° spot beam with holder



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 45.0 mm
Height	28.9 mm
Fastening	pin, screw
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
C15927_GABRIELLA-45-S	Single lens	PMMA	clear	
C15528_GABRIELLA-45-HLD	Holder	PC	black	

ORDERING INFORMATION:

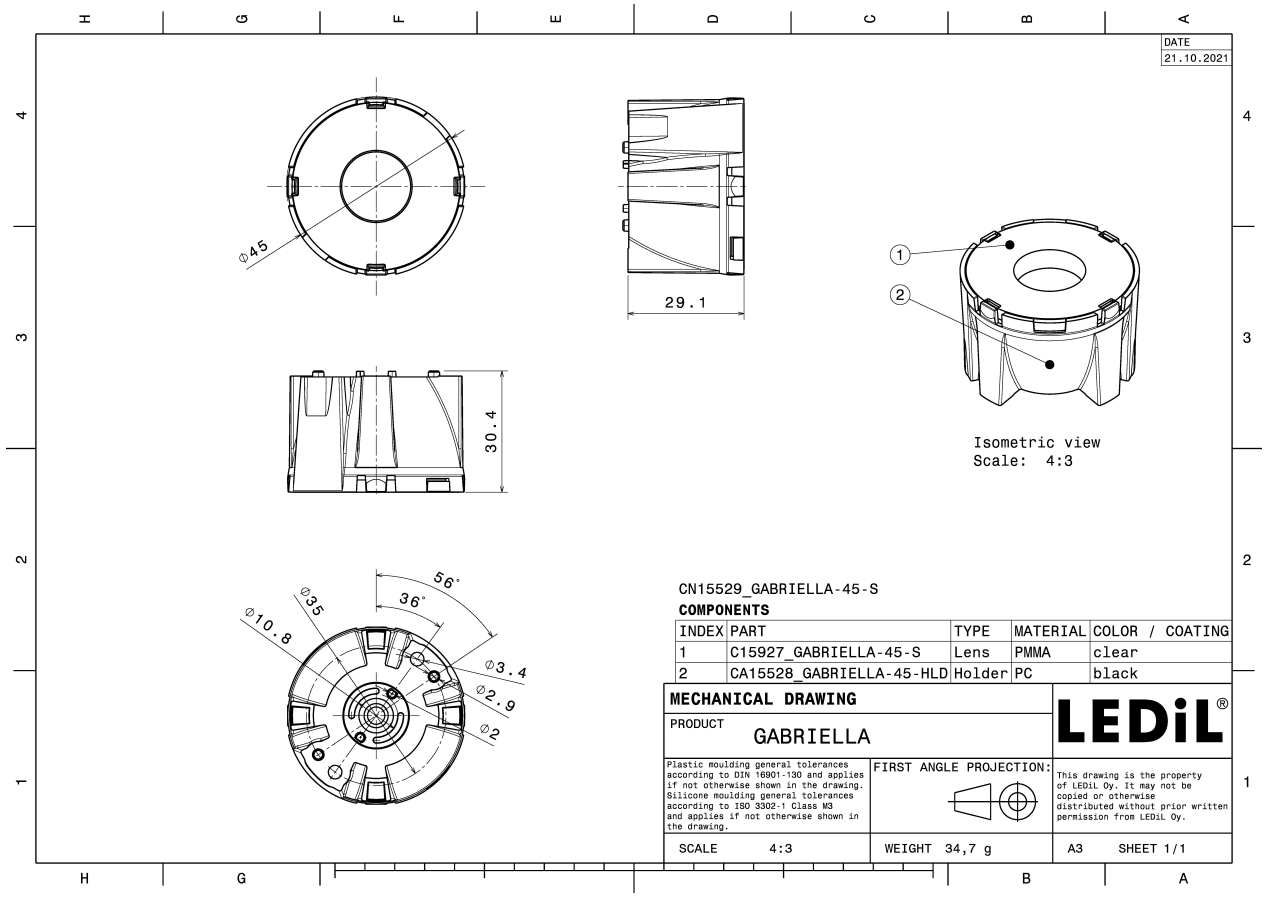
Quantities for one set:

Single lens	1
Holder	1

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Component		Qty in box	MOQ	MPQ	Box weight (kg)
C15927_GABRIELLA-45-S » Box size: 476 x 273 x 292 mm	Single lens	405	90	45	11.5
C15528_GABRIELLA-45-HLD » Box size: 476 x 273 x 292 mm	Holder	405	90	45	5.1

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CN15529_GABRIELLA-45-S

COMPONENTS

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C15927_GABRIELLA-45-S	Lens	PMMA	clear
2	CA15528_GABRIELLA-45-HLD	Holder	PC	black

MECHANICAL DRAWING

PRODUCT GABRIELLA

LEDiL®

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 4:3 | WEIGHT 34,7 g | A3 SHEET 1/1

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

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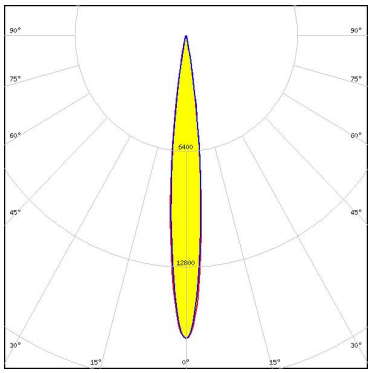
PHOTOMETRIC DATA (MEASURED):

CREE LED

LED	XM-L RGBW (XMLCTW)
FWHM / FWTM	12.0° / 21.0°
Efficiency	87 %
Peak intensity	17 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



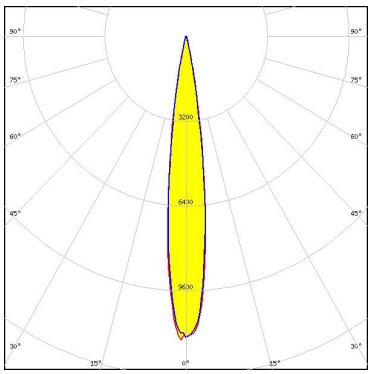


LUMILEDS

LED	LUXEON CZ
FWHM / FWTM	14.0° / 25.0°
Efficiency	88 %
Peak intensity	11.4 cd/lm
LEDs/each optic	4
Light colour	RGBW

Required components:

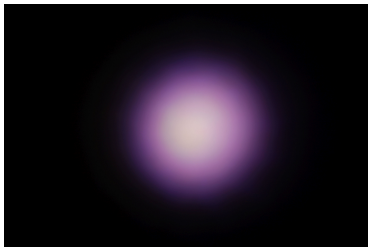


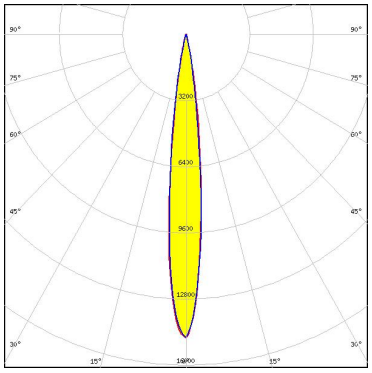


LUMILEDS

LED	LUXEON MultiColor Module 2.5W
FWHM / FWTM	12.0° / 23.0°
Efficiency	91 %
Peak intensity	14.8 cd/lm
LEDs/each optic	1
Light colour	RGBW

Required components:

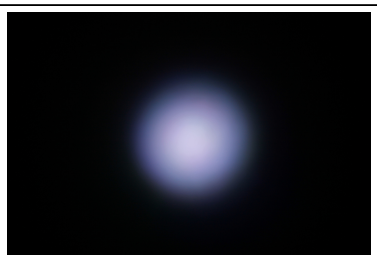


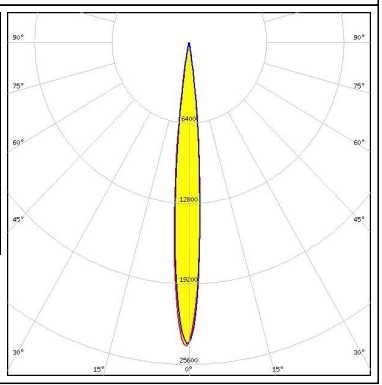


LUMINUS

LED	SBM-40-RGBW
FWHM / FWTM	10.0° / 18.0°
Efficiency	90 %
Peak intensity	24 cd/lm
LEDs/each optic	1
Light colour	White

Required components:





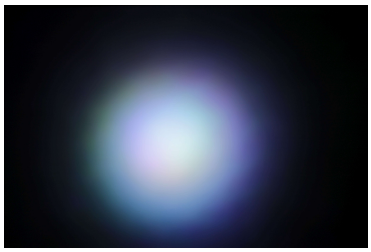
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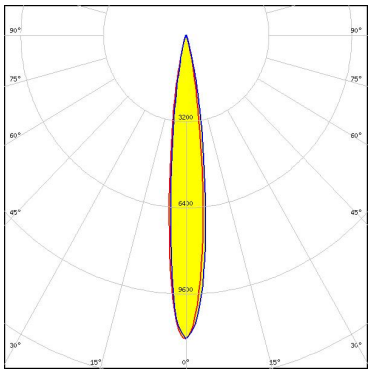
PHOTOMETRIC DATA (MEASURED):

NICHIA

LED	NCSxE17A
FWHM / FWTM	13.0° / 27.0°
Efficiency	91 %
Peak intensity	11 cd/lm
LEDs/each optic	4
Light colour	RGBW

Required components:

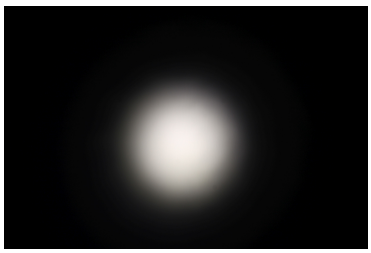


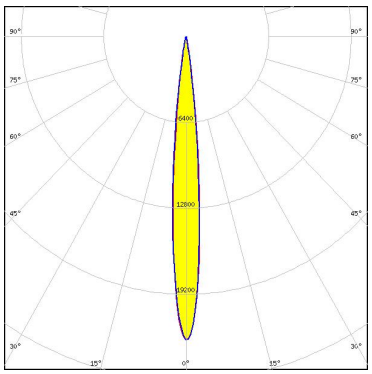


NICHIA

LED	NVSW219F
FWHM / FWTM	10.0° / 18.0°
Efficiency	91 %
Peak intensity	22.7 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



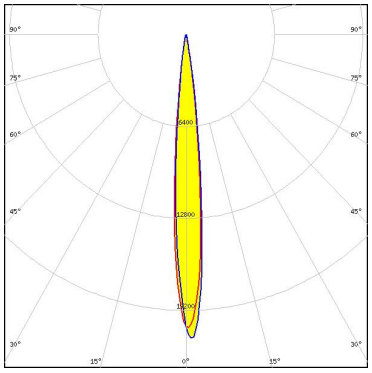


OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	10.0° / 19.0°
Efficiency	88 %
Peak intensity	21.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



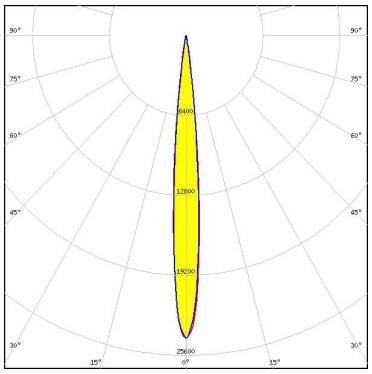


OSRAM
Opto Semiconductors

LED	OSTAR Stage (S2WN)
FWHM / FWTM	10.0° / 17.0°
Efficiency	87 %
Peak intensity	24 cd/lm
LEDs/each optic	1
Light colour	White

Required components:





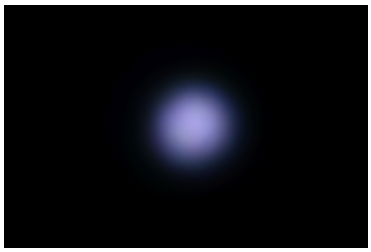
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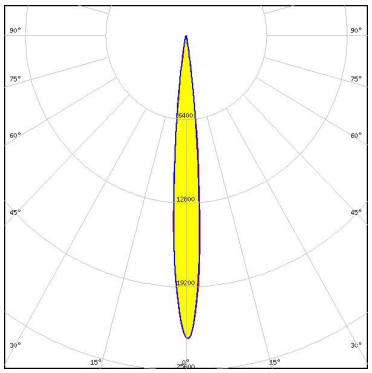
PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED	SPF05F0A
FWHM / FWTM	10.0° / 18.0°
Efficiency	89 %
Peak intensity	23.4 cd/lm
LEDs/each optic	1
Light colour	RGBW

Required components:

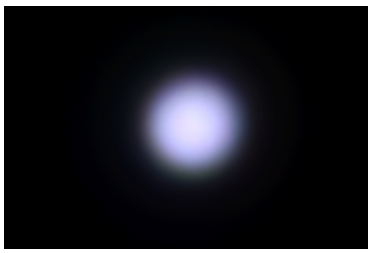


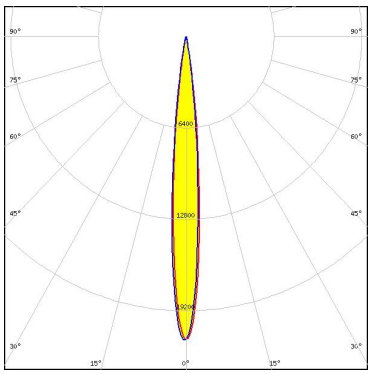


SEOUL SEMICONDUCTOR

LED	SPF05F0B
FWHM / FWTM	10.0° / 19.0°
Efficiency	90 %
Peak intensity	21.3 cd/lm
LEDs/each optic	1
Light colour	RGBW

Required components:

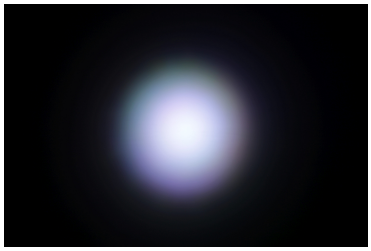


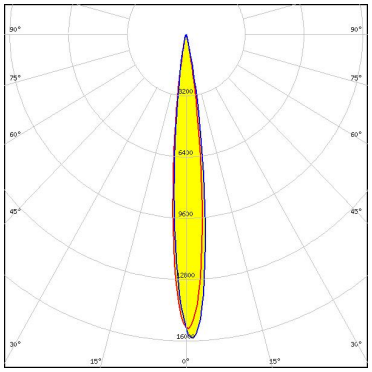


SEOUL SEMICONDUCTOR

LED	SPF05F0C
FWHM / FWTM	12.0° / 22.0°
Efficiency	89 %
Peak intensity	15.9 cd/lm
LEDs/each optic	1
Light colour	RGBW

Required components:



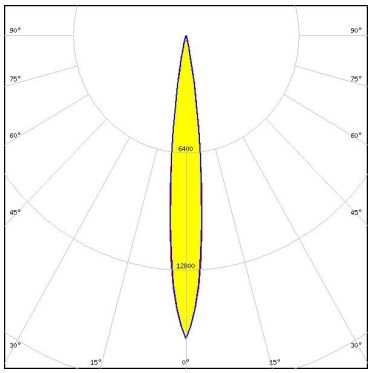


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PHOTOMETRIC DATA (SIMULATED):

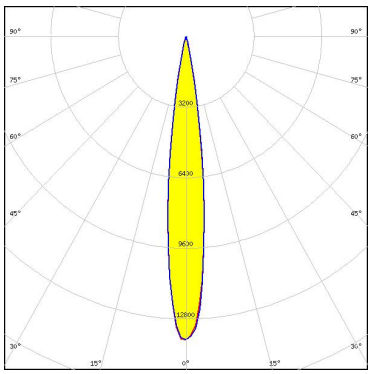
CREE LED

LED	CLQ6A-TKW
FWHM / FWTM	12.3° / 23.3°
Efficiency	94 %
Peak intensity	16.6 cd/lm
LEDs/each optic	1
Light colour	RGBW
Required components:	



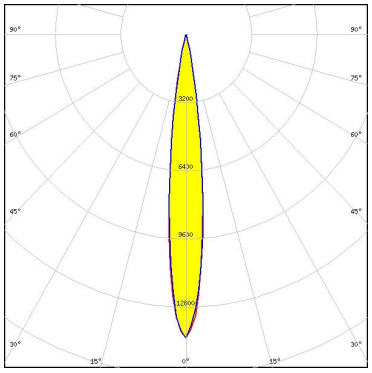
CREE LED

LED	XHP50
FWHM / FWTM	14.0° / 24.0°
Efficiency	92 %
Peak intensity	13.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



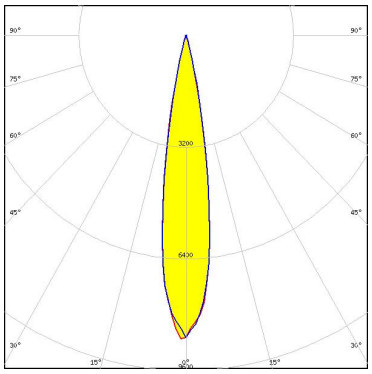
CREE LED

LED	XHP50.2
FWHM / FWTM	13.0° / 25.0°
Efficiency	91 %
Peak intensity	14.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



CREE LED

LED	XHP70
FWHM / FWTM	18.0° / 29.0°
Efficiency	90 %
Peak intensity	8.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

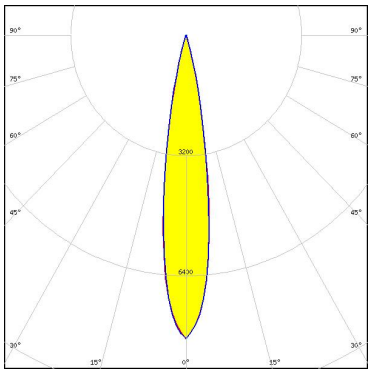


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PHOTOMETRIC DATA (SIMULATED):

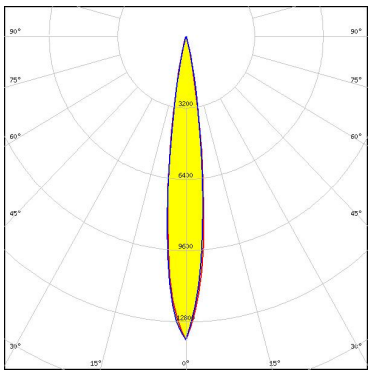
CREE LED

LED	XHP70.2
FWHM / FWTM	17.0° / 30.0°
Efficiency	89 %
Peak intensity	8.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



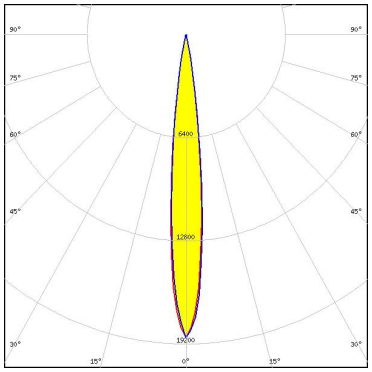
CREE LED

LED	XM-L RGBW (XMLDCL HD)
FWHM / FWTM	14.0° / 25.0°
Efficiency	94 %
Peak intensity	13.6 cd/lm
LEDs/each optic	1
Light colour	RGBW
Required components:	



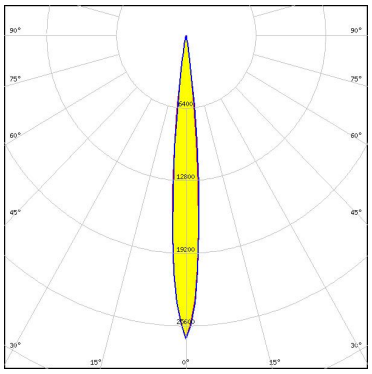
CREE LED

LED	XM-L RGBW (XMLDCL HI)
FWHM / FWTM	12.0° / 22.0°
Efficiency	94 %
Peak intensity	18.8 cd/lm
LEDs/each optic	1
Light colour	RGBW
Required components:	



CREE LED

LED	XP-E2
FWHM / FWTM	10.0° / 18.0°
Efficiency	93 %
Peak intensity	26.7 cd/lm
LEDs/each optic	1
Light colour	Amber
Required components:	

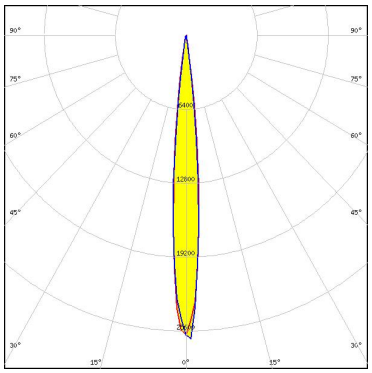


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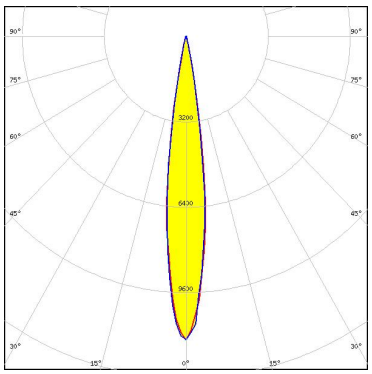
LED ENGIN

LED	LZ4-04MDPB
FWHM / FWTM	10.0° / 18.0°
Efficiency	92 %
Peak intensity	28.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



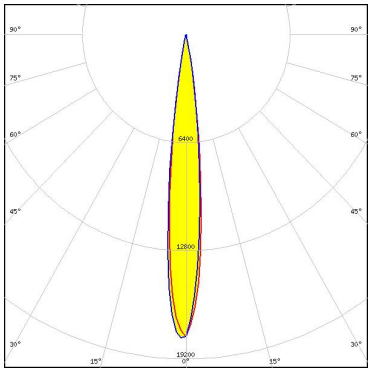
LUMILEDS

LED	LUXEON C
FWHM / FWTM	14.0° / 24.0°
Efficiency	85 %
Peak intensity	11.5 cd/lm
LEDs/each optic	4
Light colour	RGBW
Required components:	



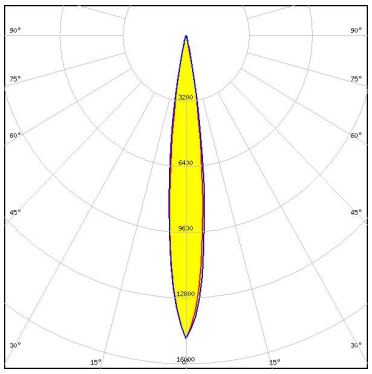
LUMILEDS

LED	LUXEON Rubix
FWHM / FWTM	12.0° / 22.0°
Efficiency	94 %
Peak intensity	18 cd/lm
LEDs/each optic	4
Light colour	RGBW
Required components:	



OSRAM
Opto Semiconductors

LED	DURIS E 5050 (GW J9LHS1.4M)
FWHM / FWTM	13.0 + 14.0° / 24.0°
Efficiency	93 %
Peak intensity	14.8 cd/lm
LEDs/each optic	1
Light colour	RGBW
Required components:	

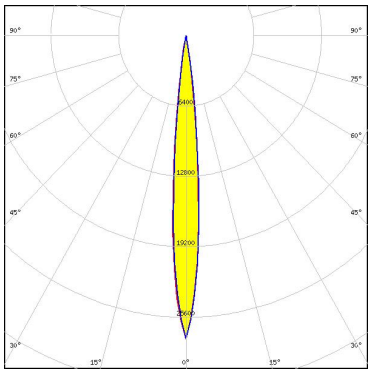


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PHOTOMETRIC DATA (SIMULATED):

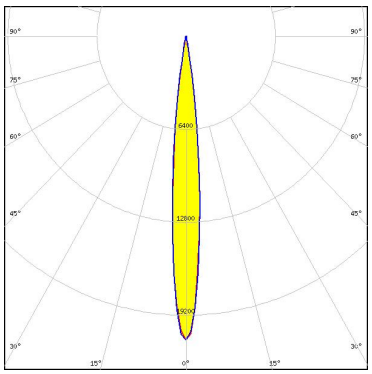
OSRAM Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	10.0° / 18.0°
Efficiency	93 %
Peak intensity	27.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



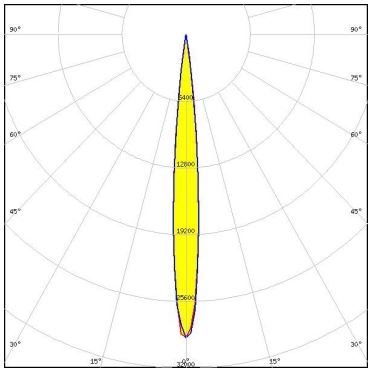
OSRAM Opto Semiconductors

LED	OSTAR Stage (S2WP)
FWHM / FWTM	11.0° / 19.0°
Efficiency	92 %
Peak intensity	22.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



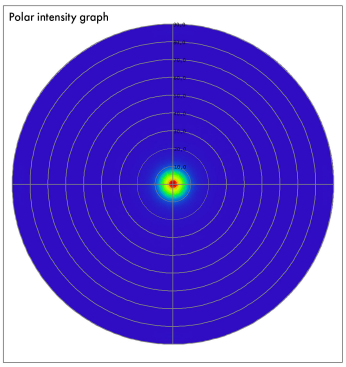
OSRAM Opto Semiconductors

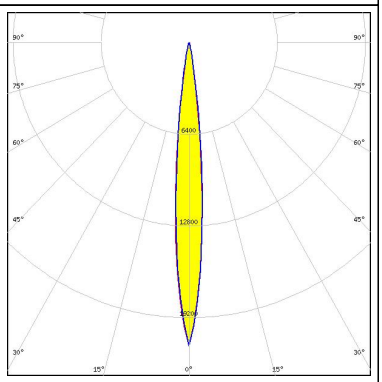
LED	Ostar-SMT RGB
FWHM / FWTM	10.0° / 17.0°
Efficiency	92 %
Peak intensity	31.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM Opto Semiconductors

LED	SFH 4717AS
FWHM / FWTM	10.0° / 20.0°
Efficiency	93 %
LEDs/each optic	1
Light colour	IR
Required components:	





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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:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support
www.ledil.com/
where_to_buy

Shipping locations
Salo, Finland
Hong Kong, China

Distribution Partners
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where_to_buy

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