YASMEEN-50-W-C-WHT

~36° spot beam. Assembly with holder C compatible with HEKLA sockets and connectors. White version.



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 49.9 mm
Height	28.1 mm
ROHS compliant	yes

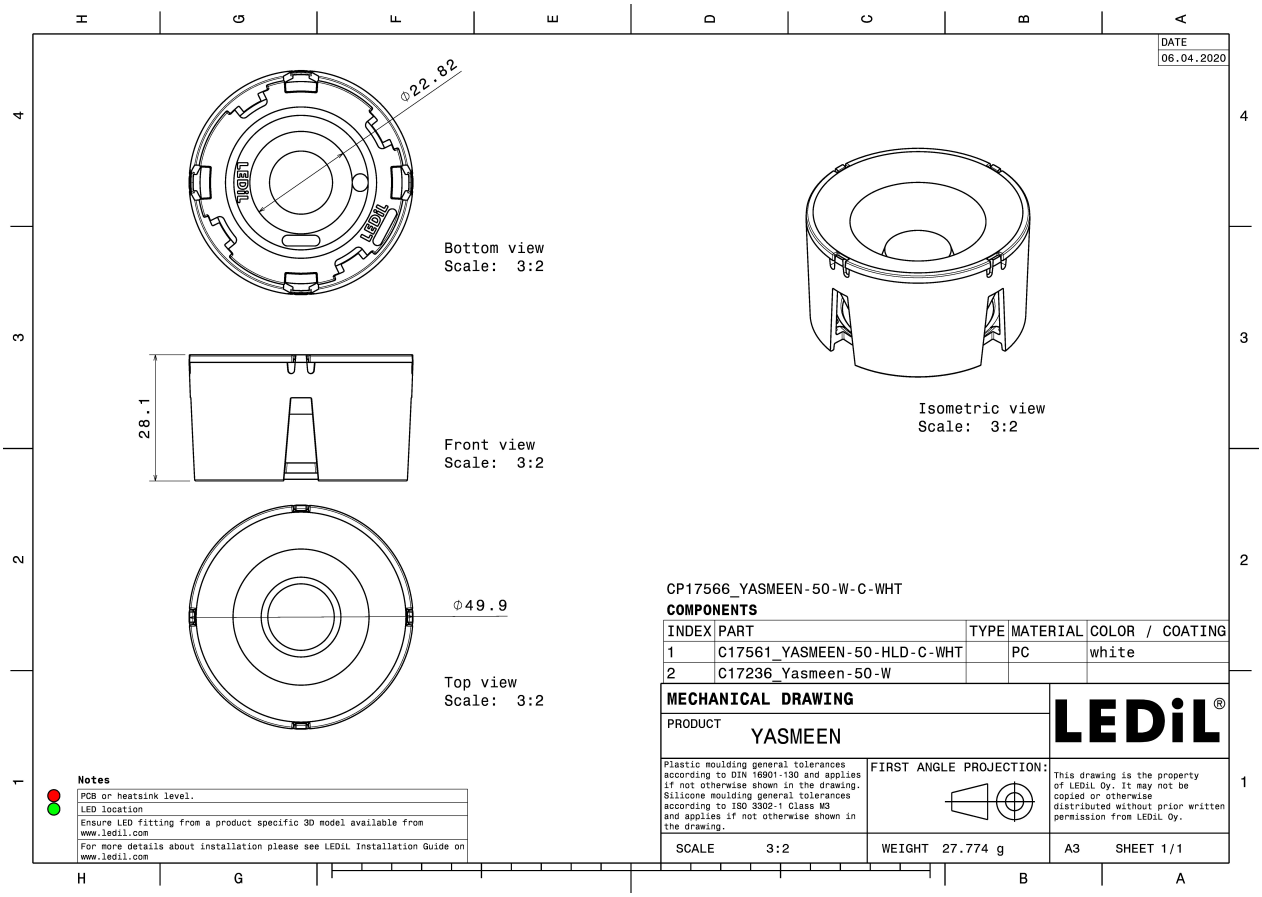
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
YASMEEN-50-W	Single lens	PMMA	clear	
YASMEEN-50-HLD-C-WHT	Holder	PC	white	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP17566_YASMEEN-50-W-C-WHT » Box size: 476 x 273 x 305 mm	Single lens	252	112	28	9.2

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

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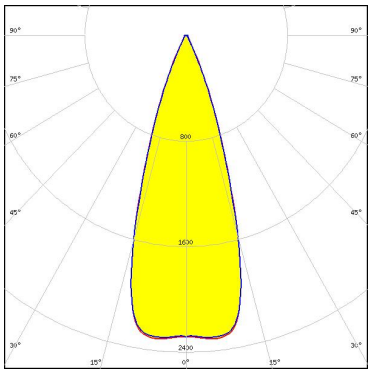
PHOTOMETRIC DATA (MEASURED):

bridgelux

LED	V4 HD
FWHM / FWTM	34.0° / 52.0°
Efficiency	88 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F15253_HEKLA-SOCKET-A



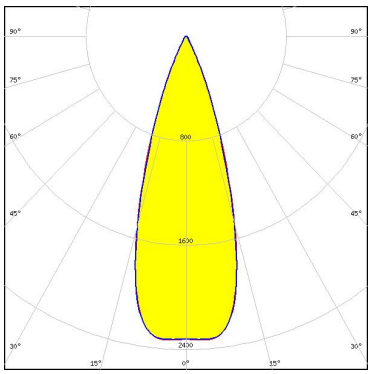


bridgelux

LED	V6 HD
FWHM / FWTM	34.0° / 53.0°
Efficiency	87 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F15255_HEKLA-SOCKET-C



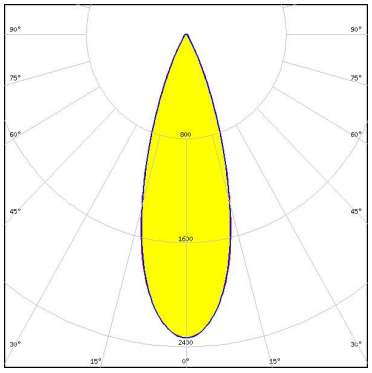


bridgelux

LED	VERO10
FWHM / FWTM	33.0° / 56.0°
Efficiency	86 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F15616_HEKLA-SOCKET-F



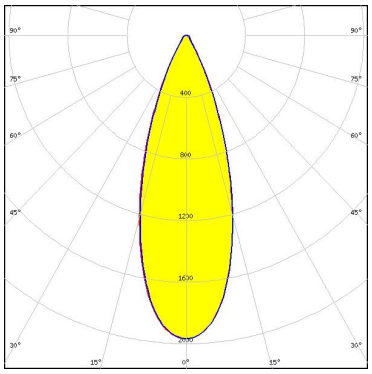


bridgelux

LED	Vesta DTW 13mm (21W)
FWHM / FWTM	36.0° / 62.0°
Efficiency	90 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	Tunable White

Required components:
Bender Wirth: 632b Hekla





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PHOTOMETRIC DATA (MEASURED):

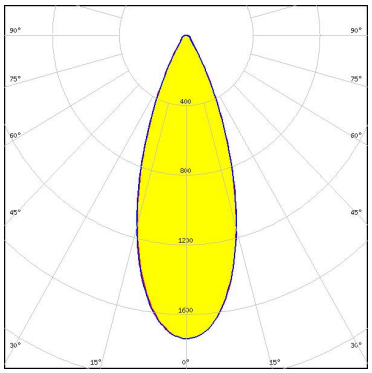
bridgelux

LED	Vesta DTW 15mm (33W)
FWHM / FWTM	38.0° / 65.0°
Efficiency	89 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour	Tunable White

Required components:

Bender Wirth: 632b Hekla



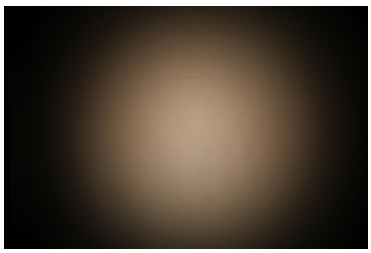


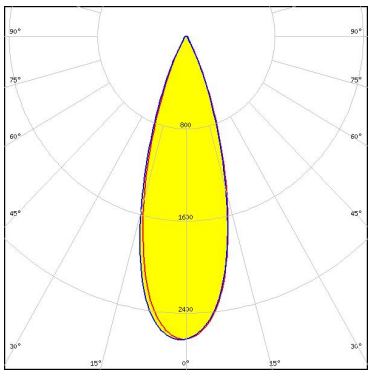
bridgelux

LED	Vesta DTW 9mm (4W/6W/12W)
FWHM / FWTM	32.0° / 55.0°
Efficiency	93 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

Bender Wirth: 652b Hekla



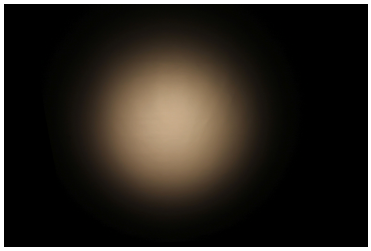


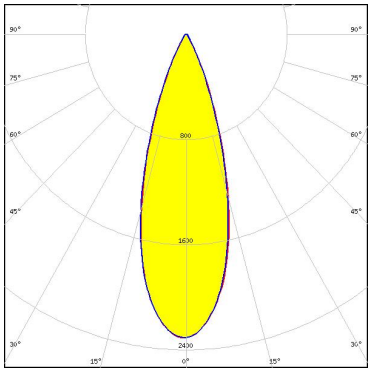
CITIZEN

LED	CLL02x/CLU02x (LES10)
FWHM / FWTM	33.0° / 56.0°
Efficiency	86 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F17435_HEKLA-G2-C





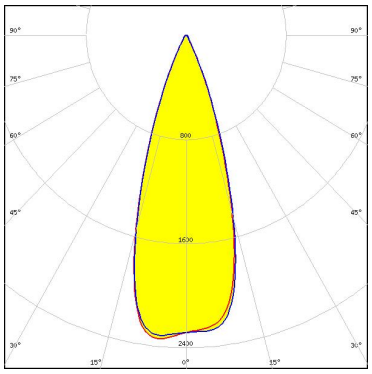
CITIZEN

LED	CLU700/701/702
FWHM / FWTM	34.0° / 53.0°
Efficiency	87 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

F17435_HEKLA-G2-C





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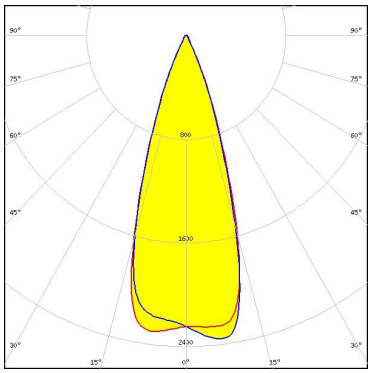
PHOTOMETRIC DATA (MEASURED):

CITIZEN

LED	CLU7A2 (LES 4.2mm)
FWHM / FWTM	35.0° / 52.0°
Efficiency	88 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17435_HEKLA-G2-C

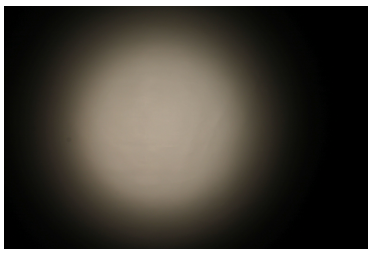


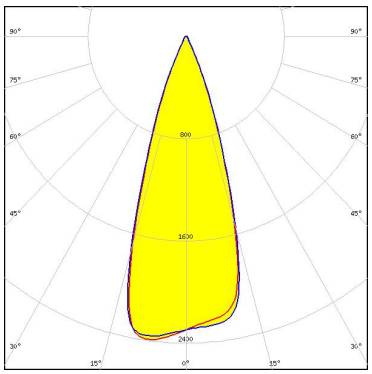


CITIZEN

LED	CLU7B2
FWHM / FWTM	34.0° / 51.0°
Efficiency	88 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17435_HEKLA-G2-C





CREE LED

LED	CMA1516
FWHM / FWTM	33.0° / 55.0°
Efficiency	87 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

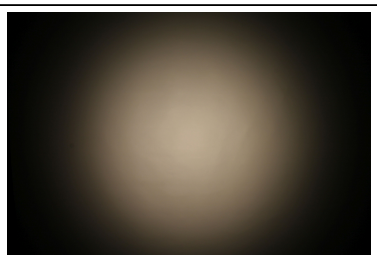
Required components:
F17436_HEKLA-G2-D

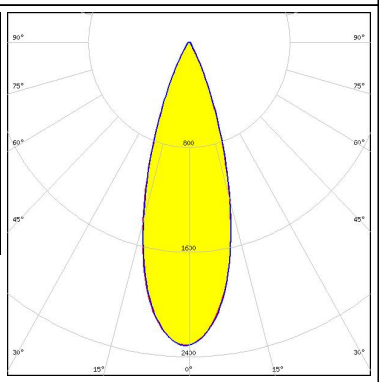


CREE LED

LED	CMT14xx
FWHM / FWTM	33.0° / 56.0°
Efficiency	86 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17435_HEKLA-G2-C





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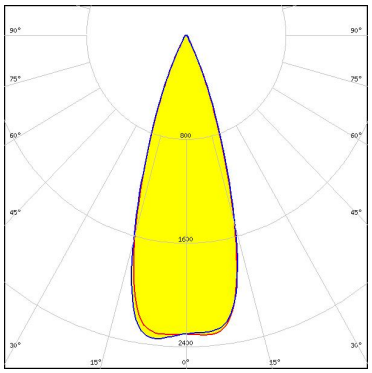
PHOTOMETRIC DATA (MEASURED):

CREE LED

LED	CXA/B 13xx
FWHM / FWTM	34.0° / 53.0°
Efficiency	89 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17439_HEKLA-G2-J



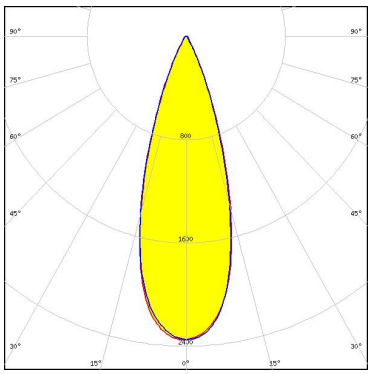


CREE LED

LED	CXA/B 15xx
FWHM / FWTM	33.0° / 55.0°
Efficiency	87 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17436_HEKLA-G2-D



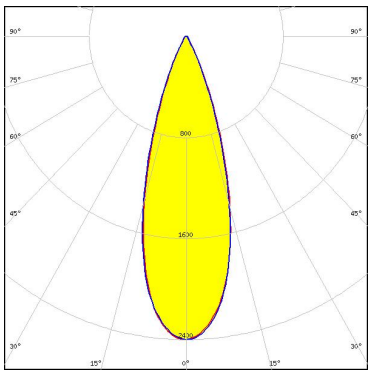


LUMILEDS

LED	LUXEON CoB 1202/1203
FWHM / FWTM	32.5° / 54.5°
Efficiency	86 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17437_HEKLA-G2-H

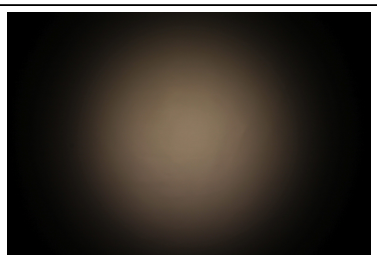


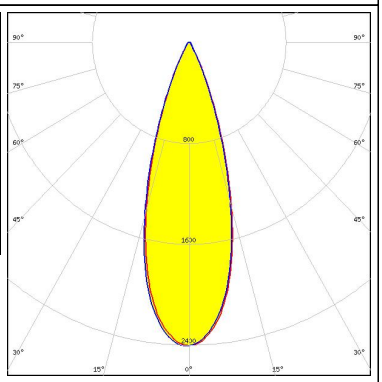


LUMILEDS

LED	LUXEON CoB 1204HD
FWHM / FWTM	32.0° / 54.0°
Efficiency	87 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17437_HEKLA-G2-H





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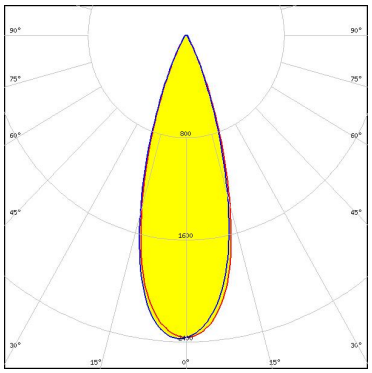
PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON CoB M02/M03
FWHM / FWTM	33.0° / 54.0°
Efficiency	87 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17436_HEKLA-G2-D



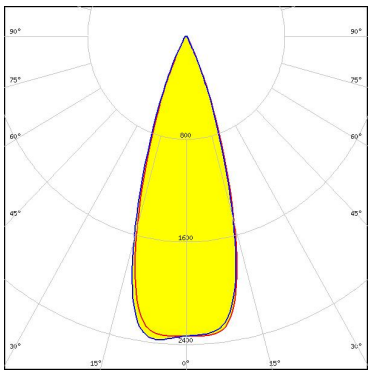


LUMILEDS

LED	LUXEON CoB S01
FWHM / FWTM	34.0° / 52.0°
Efficiency	88 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17439_HEKLA-G2-J



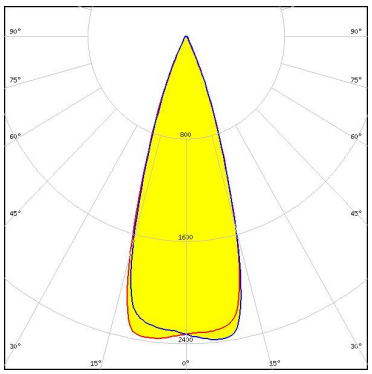


LUMINUS

LED	CXM-3
FWHM / FWTM	34.0° / 50.0°
Efficiency	87 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17435_HEKLA-G2-C



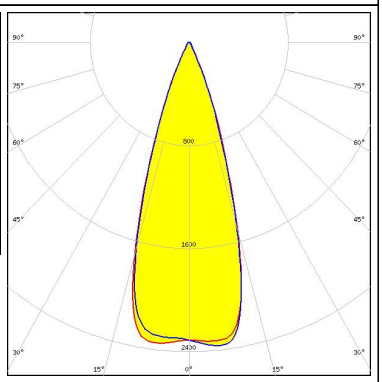


LUMINUS

LED	CXM-4
FWHM / FWTM	34.0° / 51.0°
Efficiency	88 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17435_HEKLA-G2-C





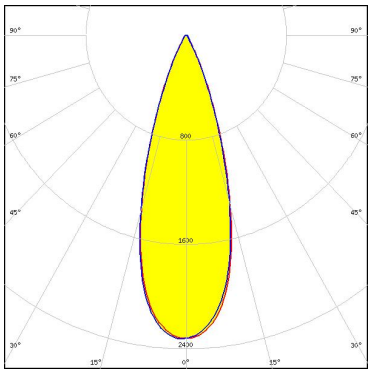
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PHOTOMETRIC DATA (MEASURED):

NICHIA

LED	COB L-Type (LES 9)
FWHM / FWTM	33.0° / 54.0°
Efficiency	86 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
F17437_HEKLA-G2-H	

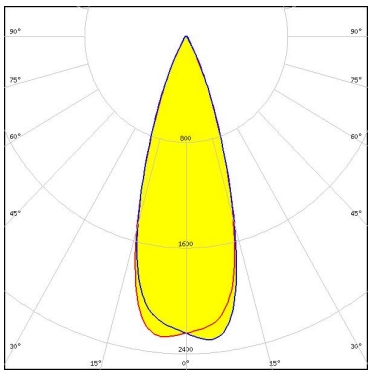




NICHIA

LED	COB S-Type (LES 7)
FWHM / FWTM	34.0° / 54.0°
Efficiency	87 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
F15848_HEKLA-SOCKET-G	

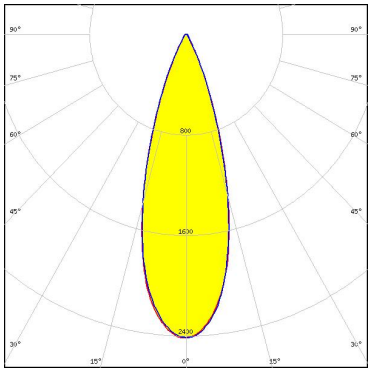




PHILIPS

LED	Fortimo SLM L09 CoB
FWHM / FWTM	32.0° / 54.0°
Efficiency	86 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
F17437_HEKLA-G2-H	

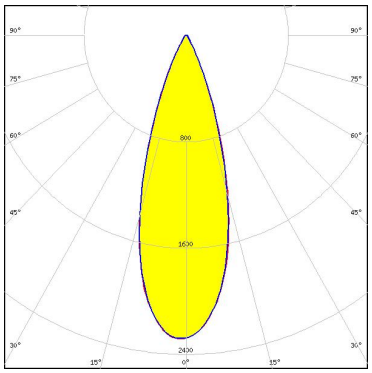




SAMSUNG

LED	LC003D / LC006D / LC009D / LC013D
FWHM / FWTM	33.0° / 56.0°
Efficiency	86 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
F17435_HEKLA-G2-C	





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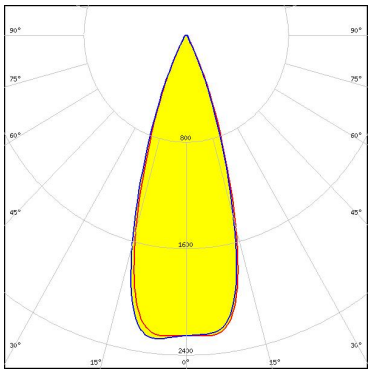
PHOTOMETRIC DATA (MEASURED):

SEOUL SEMICONDUCTOR

LED	MJT COB LES 6
FWHM / FWTM	35.0° / 54.0°
Efficiency	88 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17435_HEKLA-G2-C



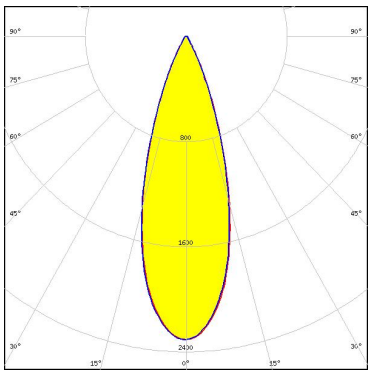


SEOUL SEMICONDUCTOR

LED	MJT COB LES 9.8
FWHM / FWTM	33.0° / 56.0°
Efficiency	86 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17435_HEKLA-G2-C



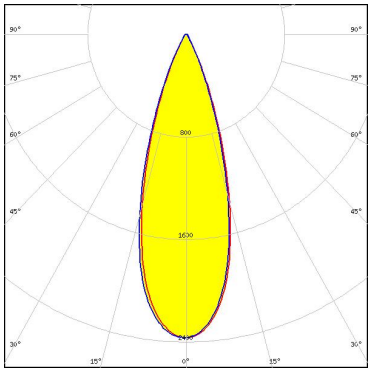


TRIDONIC

LED	SLE G7 LES09
FWHM / FWTM	33.0° / 55.0°
Efficiency	87 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
F17435_HEKLA-G2-C





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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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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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Shenzhen 518057
P.R.CHINA

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

Shipping locations
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Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy

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