FLORENCE-1R-O

~95° + 30° oval beam

SPECIFICATION:

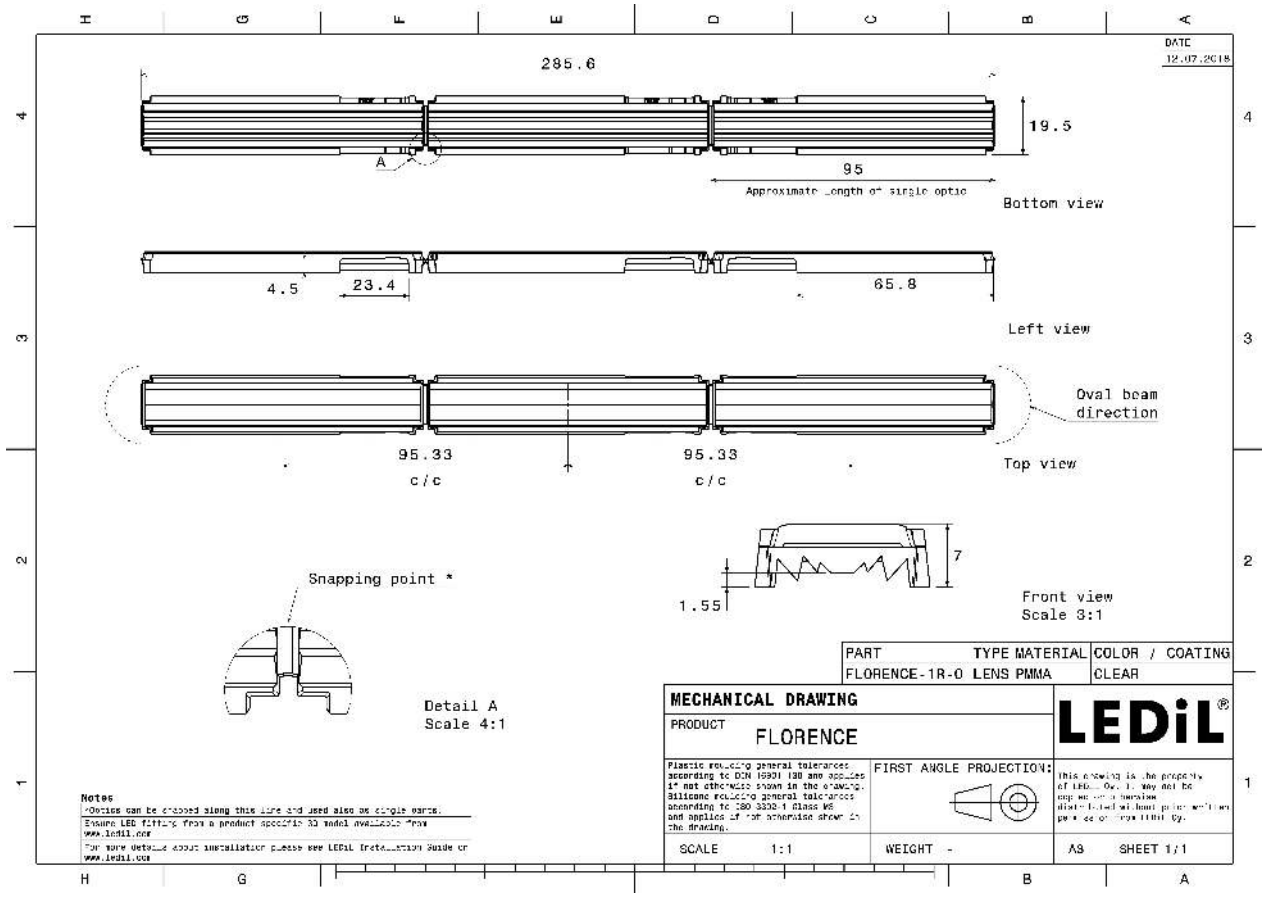
Dimensions	285.6 x 19.5 mm
Height	7 mm
Fastening	glue, clips
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish
FLORENCE-1R-O	Linear lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14454_FLORENCE-1R-O » Box size: 480 x 280 x 300 mm	210	45	15	8.1

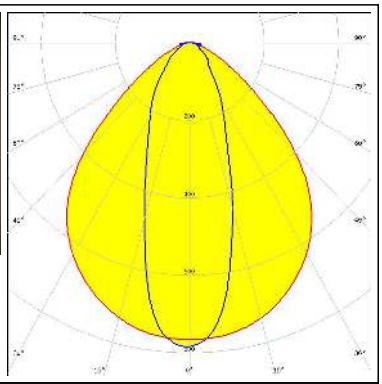


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

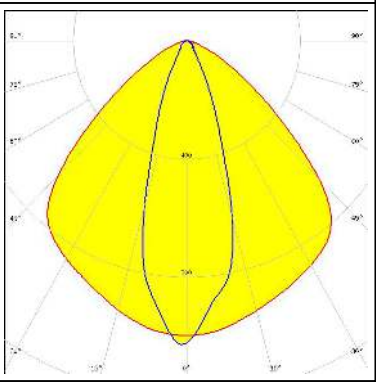
CEZOS

LED	L0-280024-xxx-C0800-L267
FWHM / FWTM	92.0 + 35.0° / 131.0 + 89.0°
Efficiency	91 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



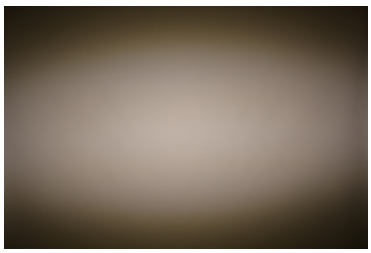
LUMILEDS

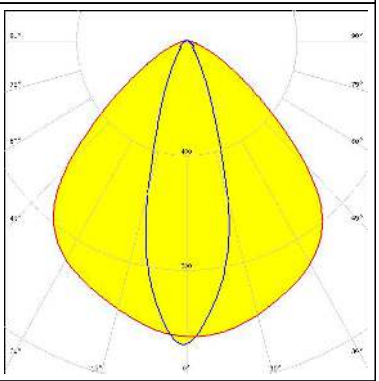
LED	LUXEON 3014
FWHM / FWTM	98.0 + 33.0° / 133.0 + 59.0°
Efficiency	93 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

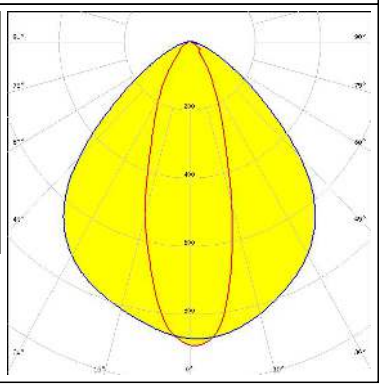
LED	LUXEON 3020
FWHM / FWTM	95.0 + 31.0° / 131.0 + 59.0°
Efficiency	93 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





LUMILEDS

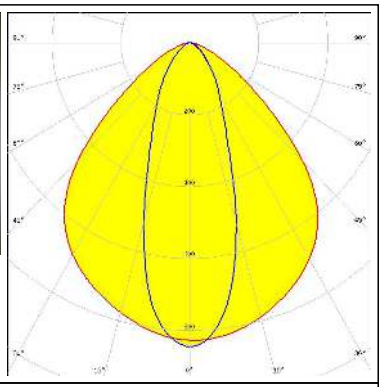
LED	LUXEON 3030 2D (Round LES)
FWHM / FWTM	93.0 + 34.0° / 131.0 + 75.0°
Efficiency	91 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (MEASURED):

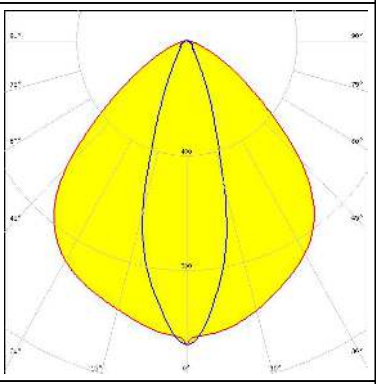
LUMILEDS

LED	LUXEON 3535L
FWHM / FWTM	93.0 + 35.0° / 132.0 + 85.0°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



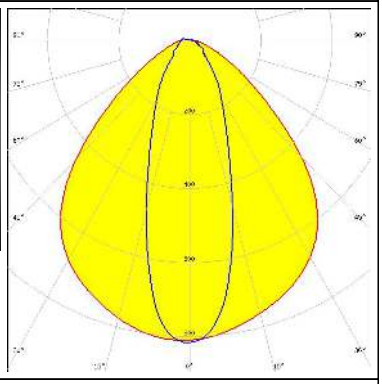
LUMINUS

LED	MP-2016
FWHM / FWTM	94.0 + 31.0° / 130.0 + 57.0°
Efficiency	92 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



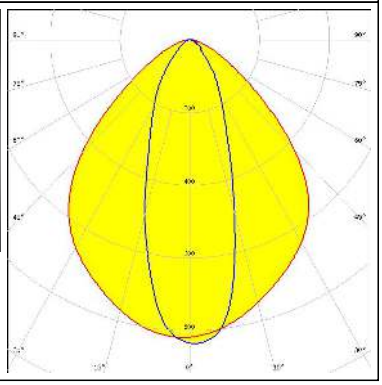
NICHIA

LED	NF2x757D
FWHM / FWTM	93.0 + 34.0° / 137.0 + 85.0°
Efficiency	94 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

LED	NF2x757G
FWHM / FWTM	92.0 + 35.0° / 133.0 + 84.0°
Efficiency	90 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

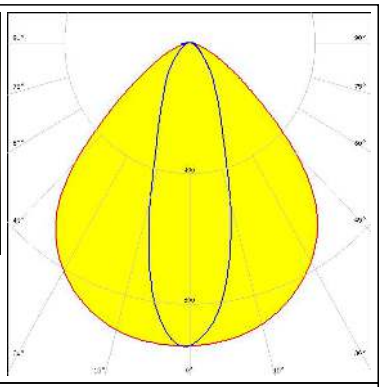


OPTICAL RESULTS (MEASURED):

NICHIA

LED	NFSW757H
FWHM / FWTM	92.0 + 31.0° / 129.0 + 80.0°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

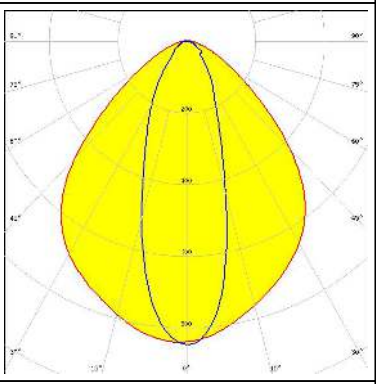
Required components:
C14353_FLORENCE-1R-CLIP-A



OSRAM
Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM / FWTM	92.0 + 33.0° / 135.0 + 92.0°
Efficiency	91 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

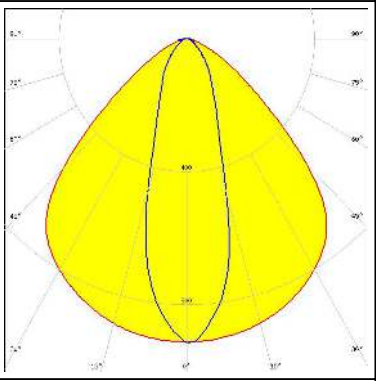
Required components:



PHILIPS

LED	Fortimo LED Line 1ft 2000lm 1R HV4
FWHM / FWTM	95.0 + 31.0° / 131.0 + 81.0°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

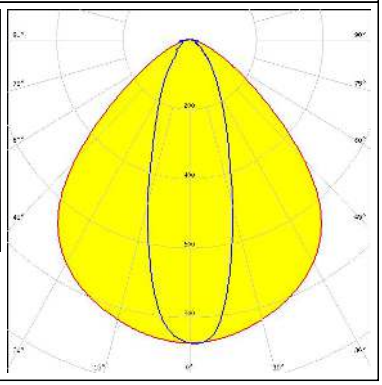
Required components:
C14353_FLORENCE-1R-CLIP-A



PHILIPS

LED	Fortimo LED Line 1ft HF 1R HV5
FWHM / FWTM	94.0 + 34.0° / 132.0 + 82.0°
Efficiency	96 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:
C14353_FLORENCE-1R-CLIP-A



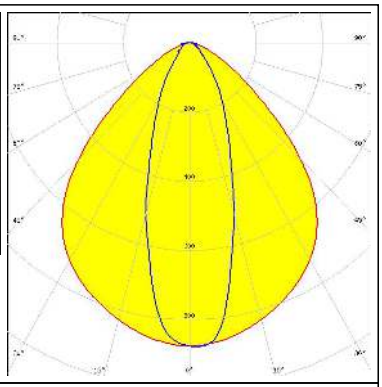
OPTICAL RESULTS (MEASURED):

PHILIPS

LED	Fortimo LED Line 1ft MF 1R HV5 & LV5
FWHM / FWTM	93.0 + 34.0° / 131.0 + 80.0°
Efficiency	96 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

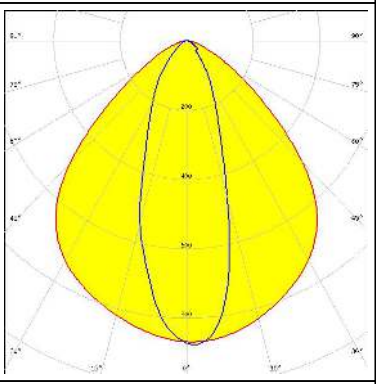
C14353_FLORENCE-1R-CLIP-A



SAMSUNG

LED	LM28xB Series
FWHM / FWTM	94.0 + 34.0° / 132.0 + 80.0°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

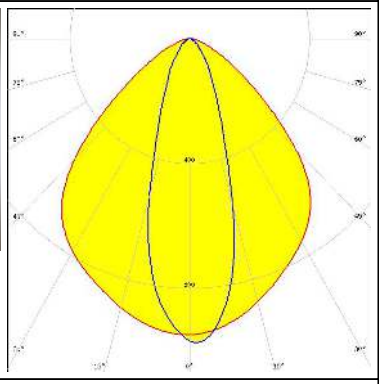
Required components:



SAMSUNG

LED	LM301A
FWHM / FWTM	93.0 + 32.0° / 132.0 + 73.0°
Efficiency	92 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

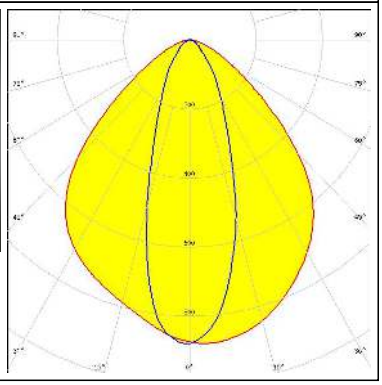
Required components:



SAMSUNG

LED	LM302A
FWHM / FWTM	92.0 + 34.0° / 132.0 + 80.0°
Efficiency	92 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

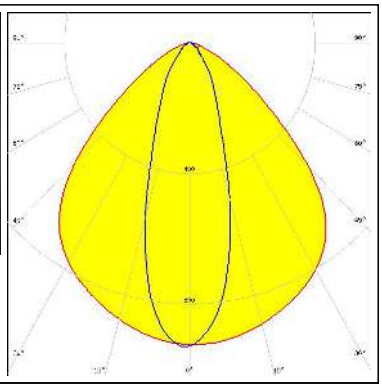


OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LM561C
FWHM / FWTM	94.0 + 32.0° / 131.0 + 75.0°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

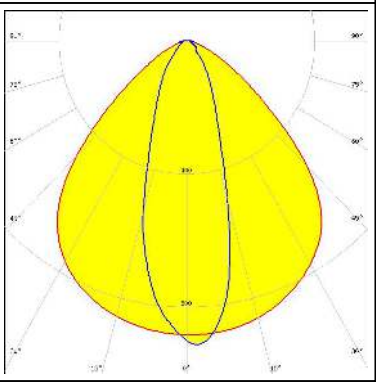
Required components:



SAMSUNG

LED	LT-S282N
FWHM / FWTM	95.0 + 32.0° / 131.0 + 76.0°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

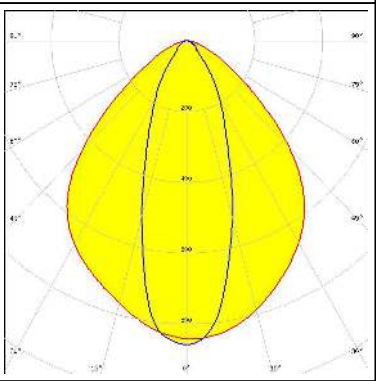
Required components:



SEOUL SEMICONDUCTOR

LED	SEOUL 3030
FWHM / FWTM	91.0 + 35.0° / 132.0 + 79.0°
Efficiency	90 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

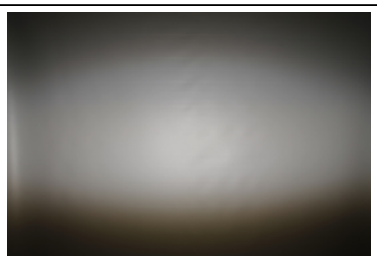


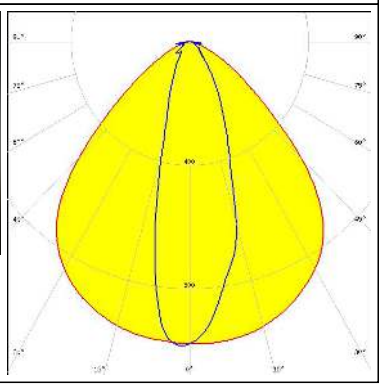
SEOUL SEMICONDUCTOR

LED	SEOUL DC 3030
FWHM / FWTM	92.0 + 30.0° / 129.0 + 67.0°
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

C14353_FLORENCE-1R-CLIP-A

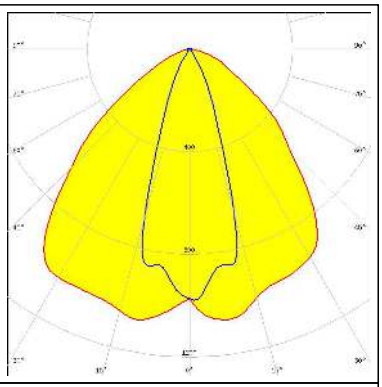




OPTICAL RESULTS (SIMULATED):

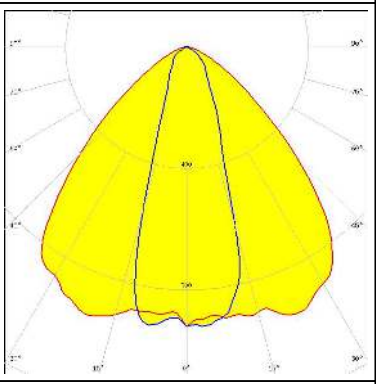
LUMILEDS

LED	LUXEON CZ
FWHM / FWTM	95.0 + 33.0° / 136.0 + 56.0°
Efficiency	94 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



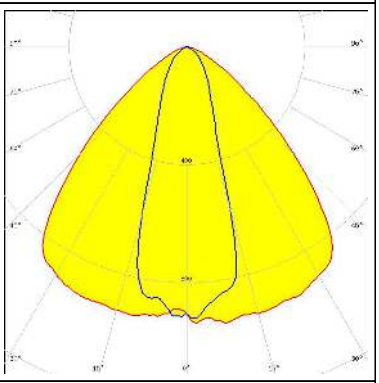
OSRAM
Opto Semiconductors

LED	Duris E 2835
FWHM / FWTM	92.0 + 30.0° / 127.0 + 71.0°
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



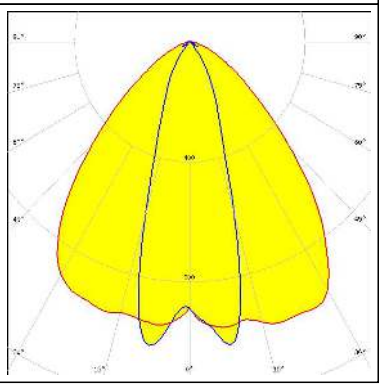
OSRAM
Opto Semiconductors

LED	Duris E5
FWHM / FWTM	92.0 + 32.0° / 125.0 + 78.0°
Efficiency	94 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM
Opto Semiconductors

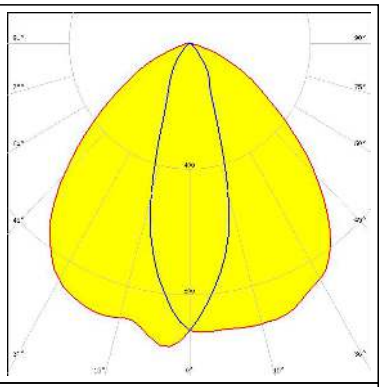
LED	OSCONIQ C 2424
FWHM / FWTM	89.0 + 32.0° / 129.0 + 65.0°
Efficiency	95 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

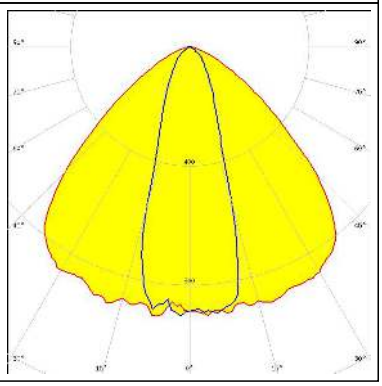
OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	98.0 + 32.0° / 140.0 + 70.0°
Efficiency	95 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	Far Red
Required components:	



SEOUL SEMICONDUCTOR

LED	SEOUL DC 3030C
FWHM / FWTM	98.0 + 32.0° / 131.0 + 73.0°
Efficiency	95 %
Peak intensity	1 cd/lm
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:

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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