FILIPPA-STVZO

10+20° asymmetric beam

SPECIFICATION:

Dimensions	Ø 32.8
Height	17.4 mm
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
FILIPPA-STVZO	Single lens	PMMA	clear		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18612_FILIPPA-STVZO » Box size: 480 x 280 x 300 mm	1260	252	84	10.6

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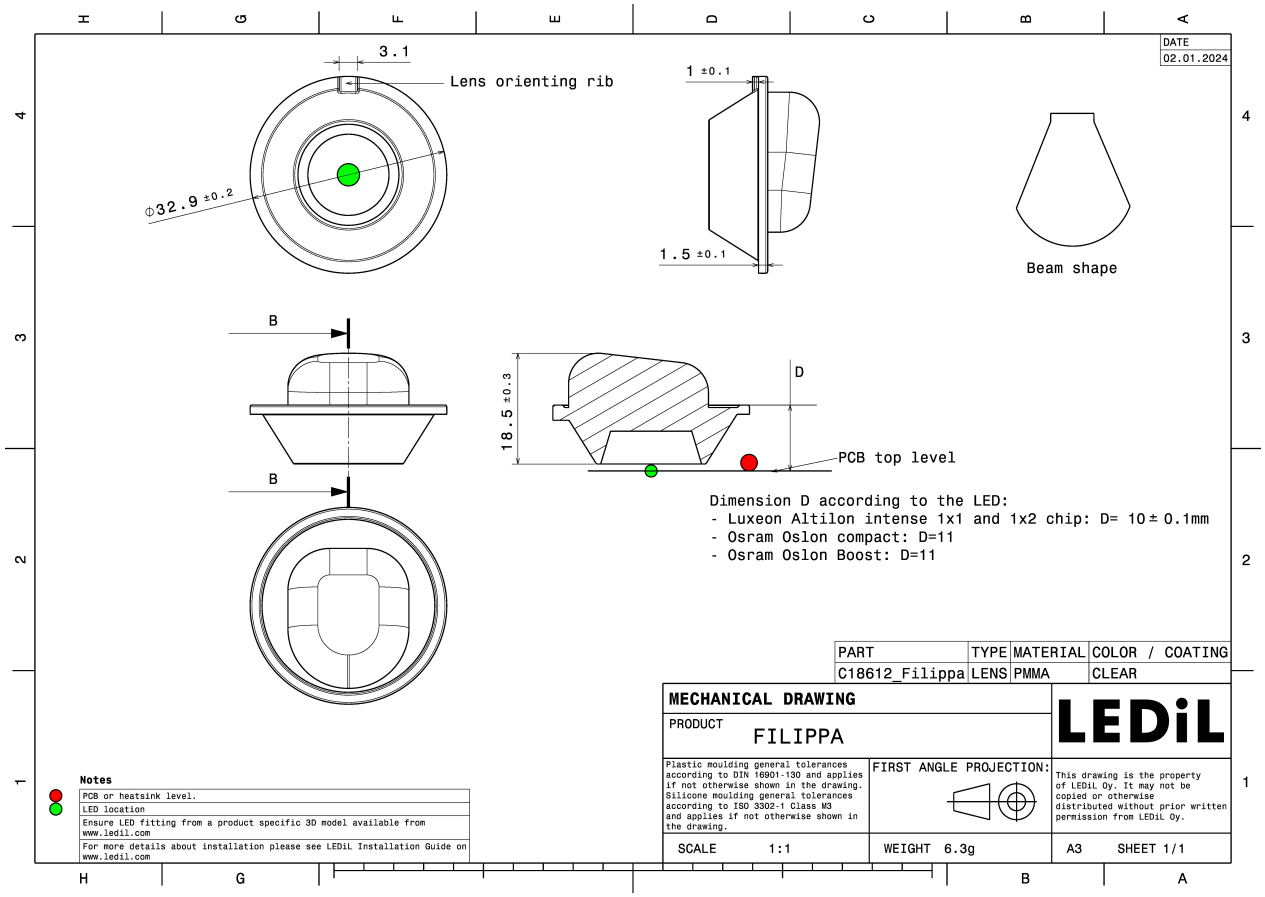

See also our general installation guide: www.ledil.com/installation_guide

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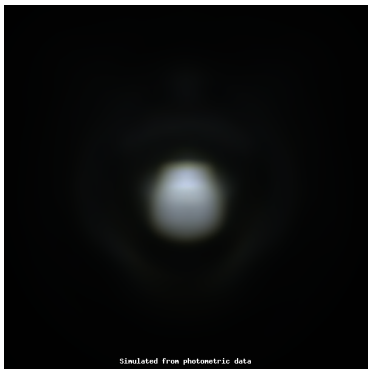
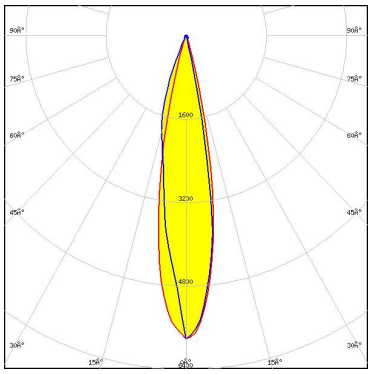
OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	XHP35.2 HI
FWHM / FWTM	20.0 + 18.0° / 32.0 + 36.0°
Efficiency	89 %
Peak intensity	5.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

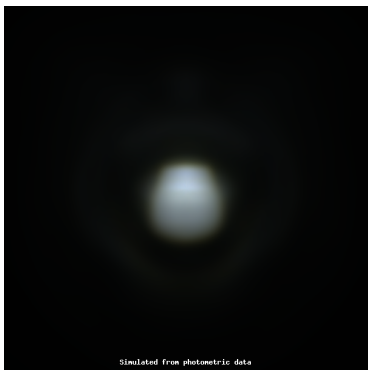


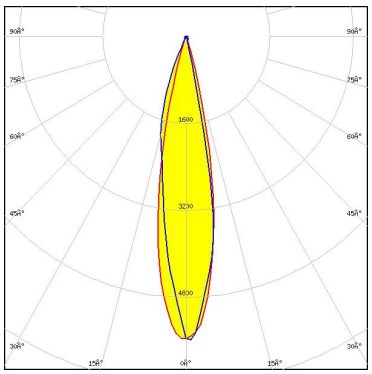


Light distribution files

CREE LEDs

LED	XHP50.3 HI
FWHM / FWTM	22.0 + 19.0° / 34.0 + 36.0°
Efficiency	89 %
Peak intensity	5.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

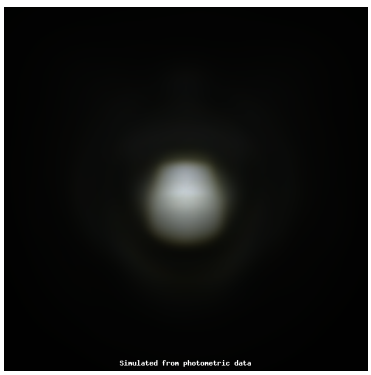


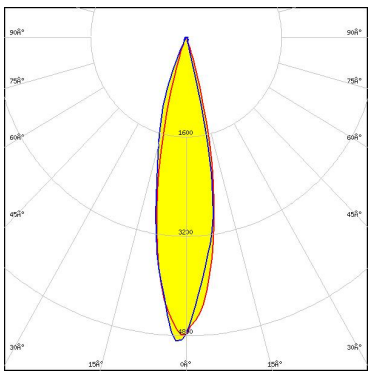


Light distribution files

CREE LEDs

LED	XHP70.3 HI
FWHM / FWTM	22.0° / 36.0 + 38.0°
Efficiency	89 %
Peak intensity	5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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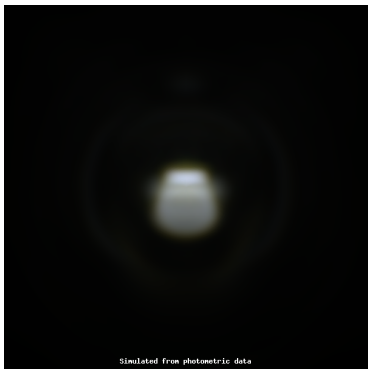
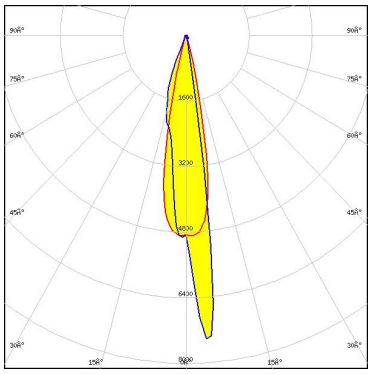
OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	XP-G4 HI
FWHM / FWTM	22.0 + 13.0° / 32.0°
Efficiency	89 %
Peak intensity	7.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

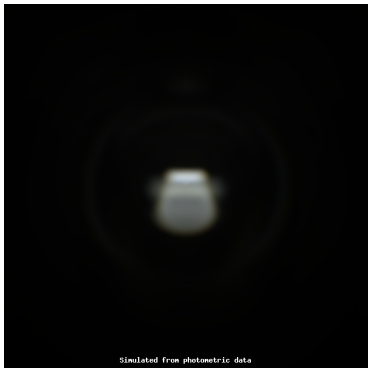


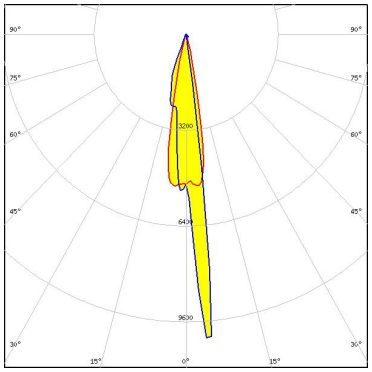


Light distribution files

CREE LEDs

LED	XP-GR
FWHM / FWTM	21.0 + 10.0° / 32.0 + 29.0°
Efficiency	90 %
Peak intensity	10.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

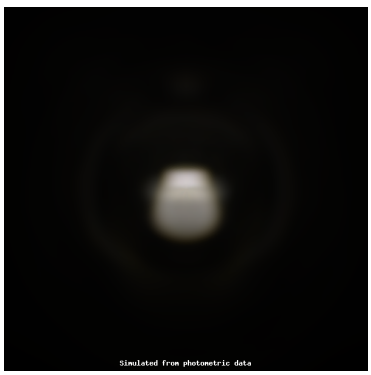


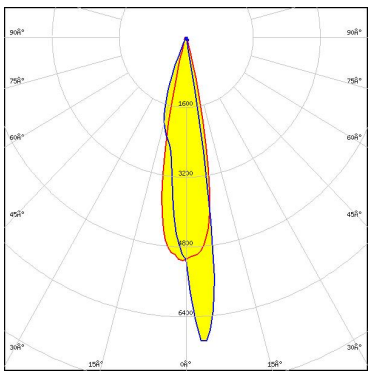


Light distribution files

CREE LEDs

LED	XP-L HI
FWHM / FWTM	22.0 + 13.0° / 32.0 + 33.0°
Efficiency	90 %
Peak intensity	7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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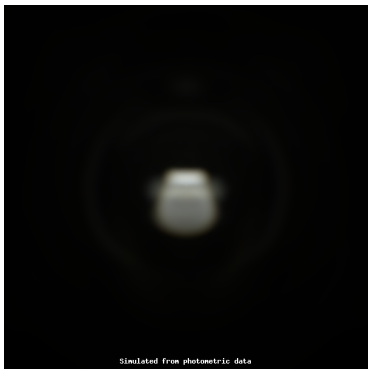
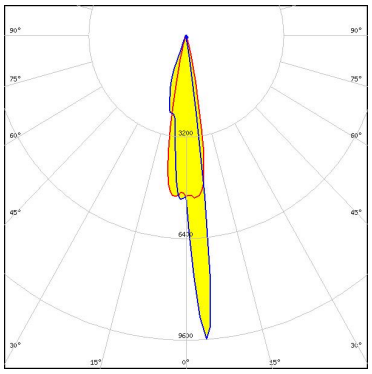
OPTICAL RESULTS (SIMULATED):

CREE LEDs

LED	XP-LR
FWHM / FWTM	21.0 + 11.0° / 32.0 + 30.0°
Efficiency	90 %
Peak intensity	9.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

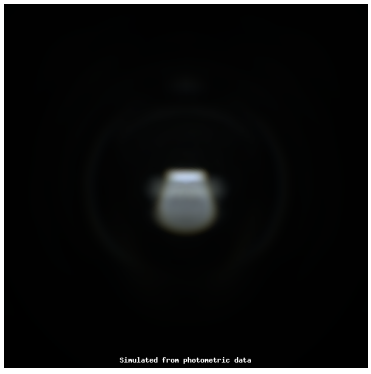


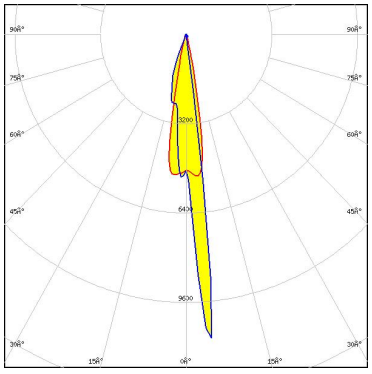


Light distribution files

CREE LEDs

LED	XP-P
FWHM / FWTM	21.0 + 6.0° / 32.0 + 29.0°
Efficiency	90 %
Peak intensity	11 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

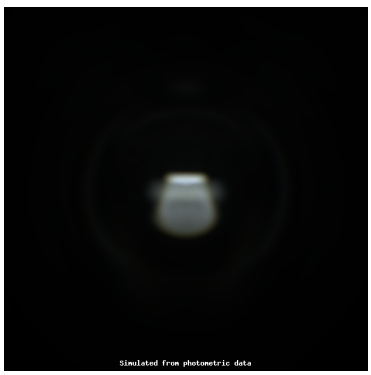


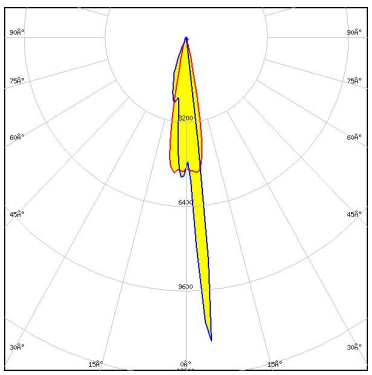


Light distribution files

LUMILEDS

LED	LUXEON Altilon intense 1x1
FWHM / FWTM	22.0 + 5.0° / 32.0 + 28.0°
Efficiency	89 %
Peak intensity	11.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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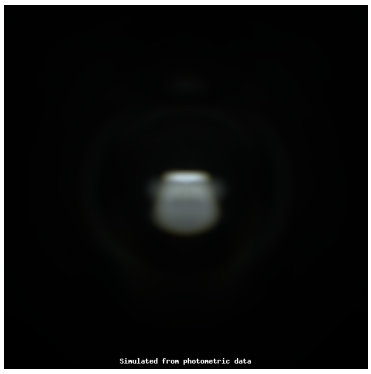
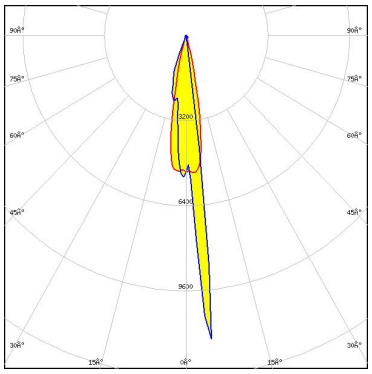
OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED	LUXEON Altilon Intense 1x2
FWHM / FWTM	22.0 + 5.0° / 32.0 + 28.0°
Efficiency	89 %
Peak intensity	11.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

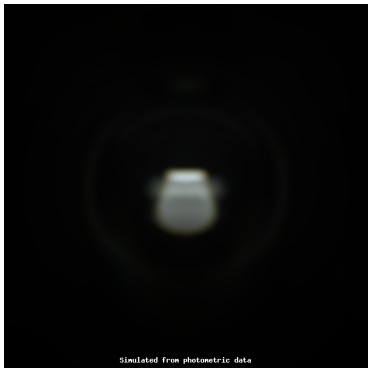


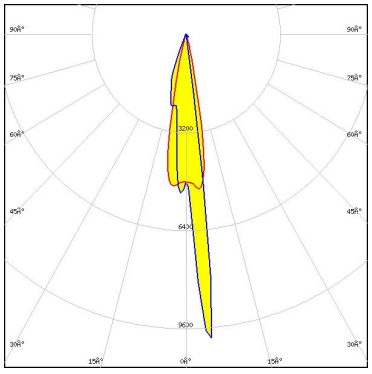


Light distribution files

LUMILEDS

LED	LUXEON Rubix
FWHM / FWTM	22.0 + 10.0° / 32.0 + 30.0°
Efficiency	89 %
Peak intensity	10.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

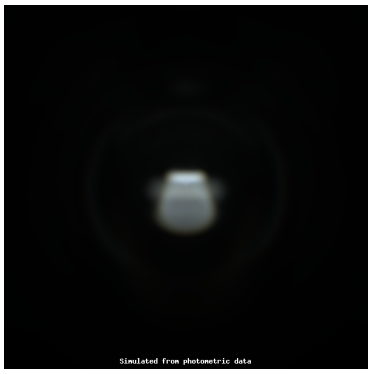


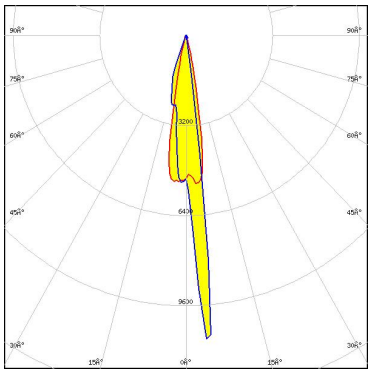


Light distribution files

LUMINUS

LED	SFT-12R-W-A
FWHM / FWTM	20.0 + 6.0° / 32.0 + 28.0°
Efficiency	89 %
Peak intensity	11.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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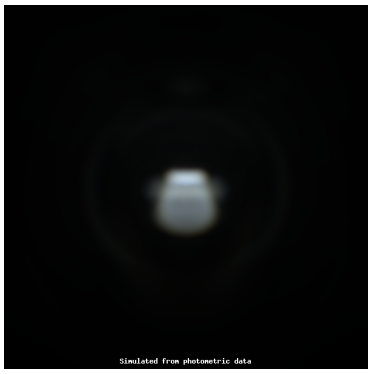
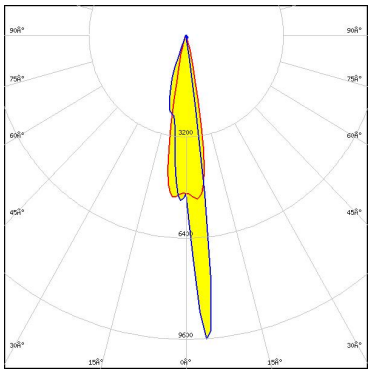
OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	SFT-25R-W-A
FWHM / FWTM	20.0 + 11.0° / 32.0 + 29.0°
Efficiency	89 %
Peak intensity	9.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

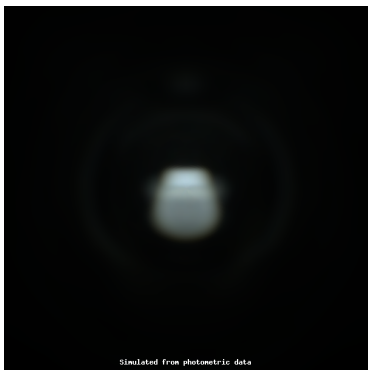


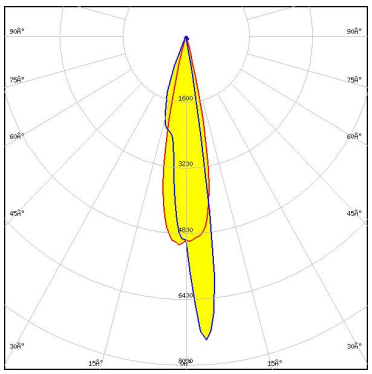


Light distribution files

LUMINUS

LED	SFT-40 Gen2
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	7.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

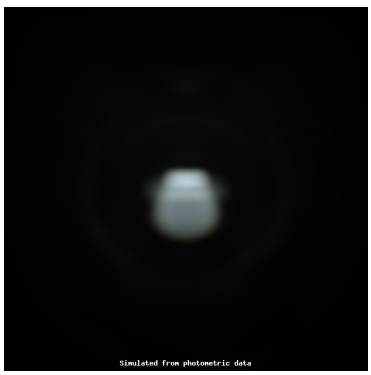


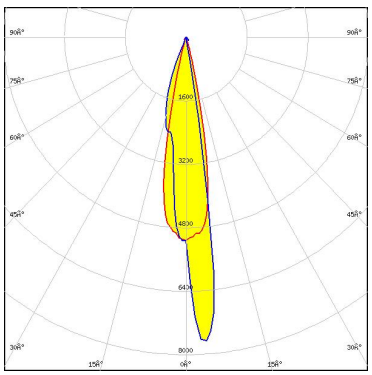


Light distribution files

LUMINUS

LED	SFT-40-WCS
FWHM / FWTM	22.0 + 13.0° / 31.0 + 32.0°
Efficiency	90 %
Peak intensity	7.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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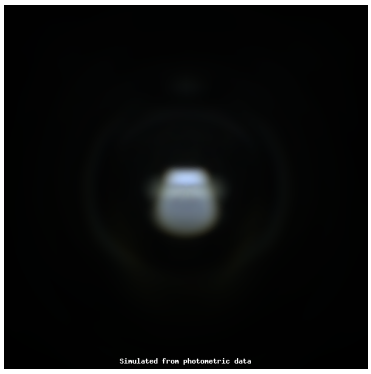
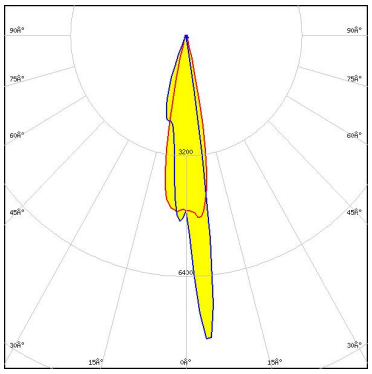
OPTICAL RESULTS (SIMULATED):

LUMINUS

LED	SST-12 Gen2
FWHM / FWTM	22.0 + 12.0° / 32.0 + 31.0°
Efficiency	89 %
Peak intensity	8.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

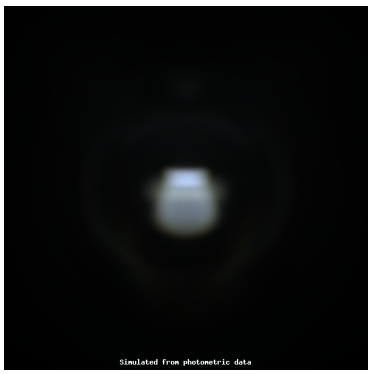


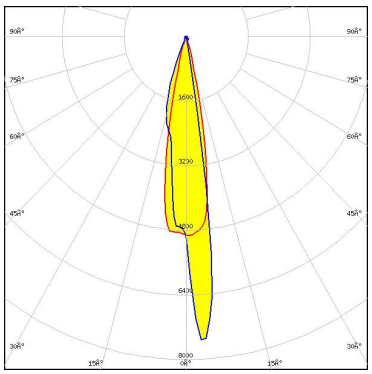


Light distribution files

LUMINUS

LED	SST-20 Gen2
FWHM / FWTM	22.0 + 13.0° / 32.0 + 31.0°
Efficiency	89 %
Peak intensity	7.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

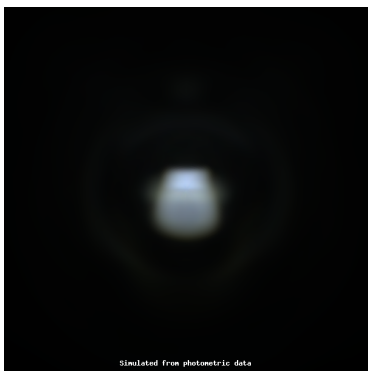


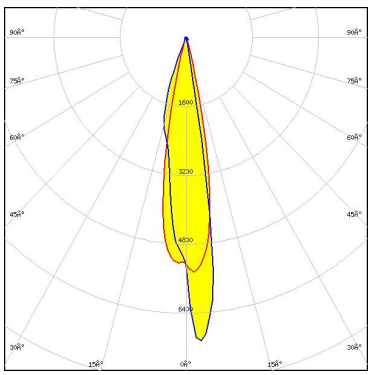


Light distribution files

LUMINUS

LED	SST-25-W
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	7.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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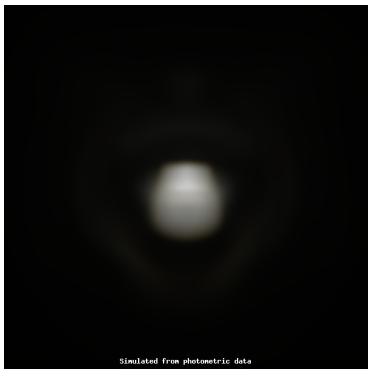
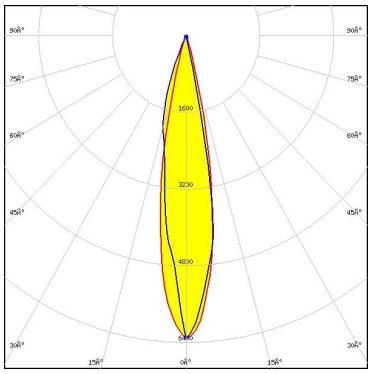
OPTICAL RESULTS (SIMULATED):

NICHIA

LED	NV4WB35AM
FWHM / FWTM	20.0 + 18.0° / 32.0 + 34.0°
Efficiency	89 %
Peak intensity	6.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

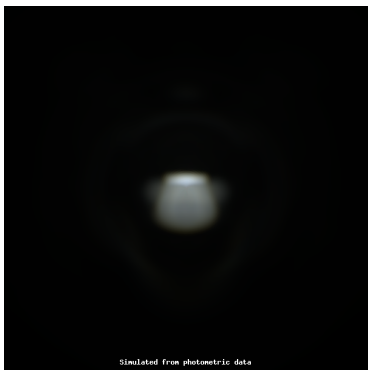


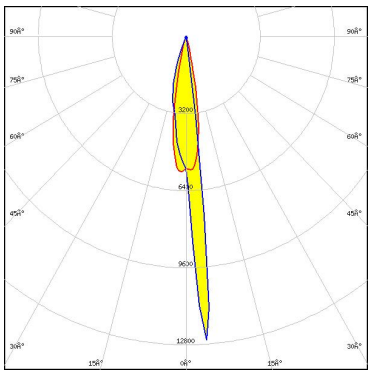


Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Black Flat (KW H2L531.TE)
FWHM / FWTM	20.0 + 5.0° / 32.0 + 26.0°
Efficiency	89 %
Peak intensity	12.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

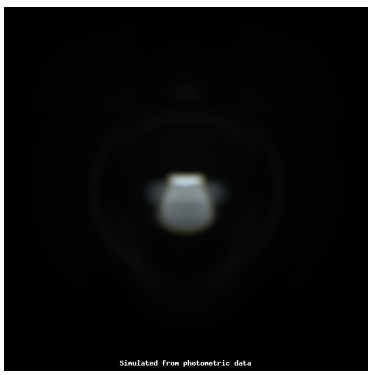


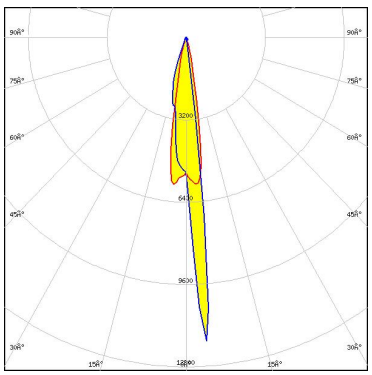


Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Black Flat S (KW HHL532.TK)
FWHM / FWTM	19.0 + 5.0° / 32.0 + 27.0°
Efficiency	89 %
Peak intensity	11.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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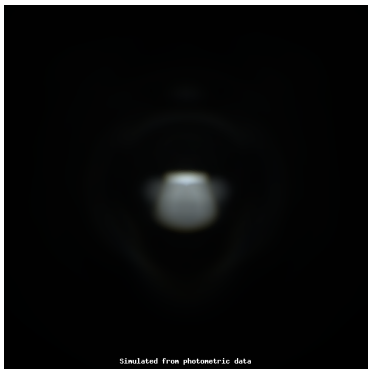
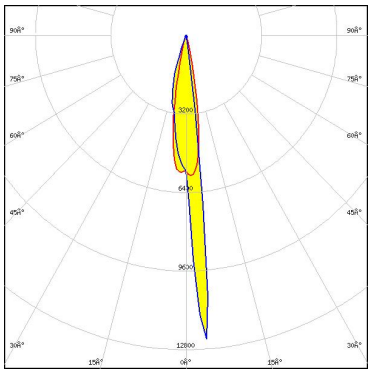
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON Black Flat S (KW2 HIL532.TK)
FWHM / FWTM	20.0 + 5.0° / 32.0 + 26.0°
Efficiency	89 %
Peak intensity	12.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

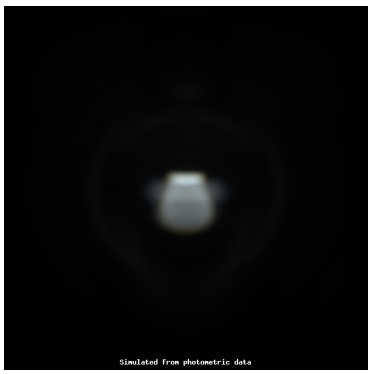


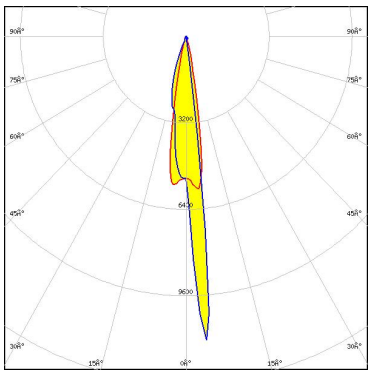


Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Black Flat X (KW HHL631.TK)
FWHM / FWTM	20.0 + 6.0° / 32.0 + 27.0°
Efficiency	89 %
Peak intensity	11.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

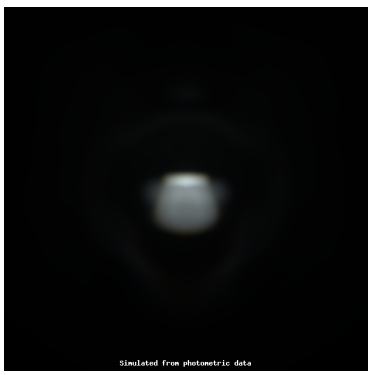


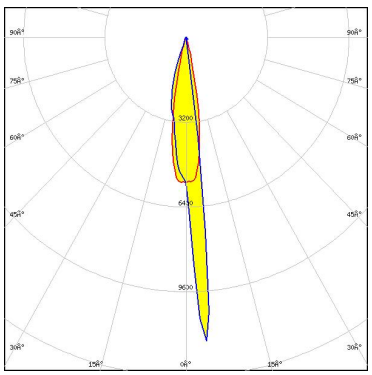


Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Black Flat X (KW2 HML631.TK)
FWHM / FWTM	20.0 + 6.0° / 32.0 + 27.0°
Efficiency	89 %
Peak intensity	11.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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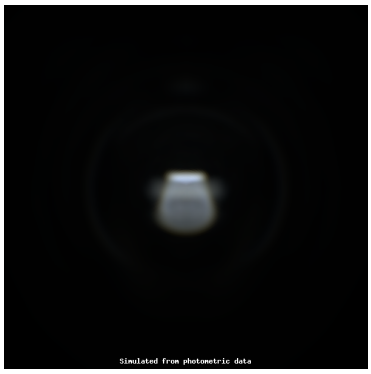
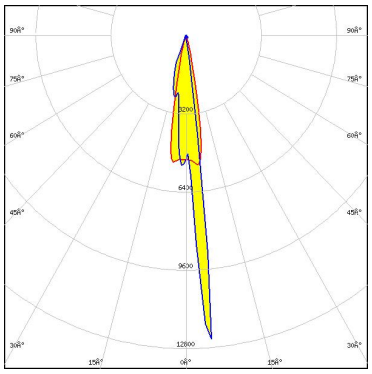
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON Boost HM (KW CELMM1.TG)
FWHM / FWTM	20.0 + 5.0° / 32.0 + 28.0°
Efficiency	90 %
Peak intensity	12.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

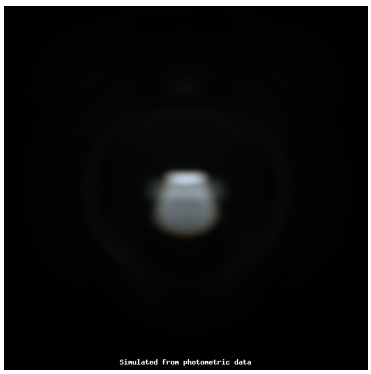


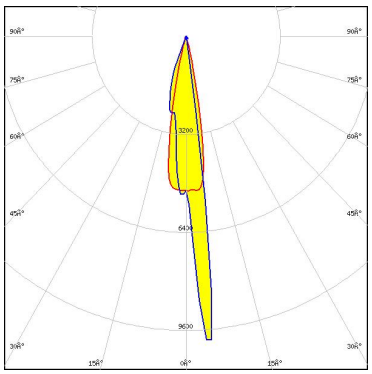


Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Boost HX (KW CULPM1.TG)
FWHM / FWTM	22.0 + 10.0° / 32.0 + 29.0°
Efficiency	90 %
Peak intensity	10 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

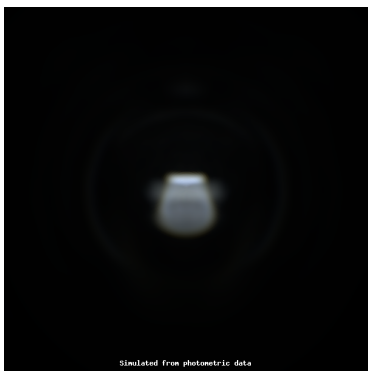


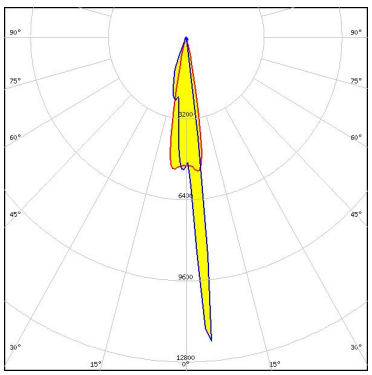


Light distribution files

OSRAM
Opto Semiconductors

LED	OSRAM OSLON Compact PM (KW CDLMM2.TK)
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	12.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	





Light distribution files

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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:

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