

TINA-Y-WWW

~75° wide beam. Assembly with holder, installation tape and pins.

SPECIFICATION:

Dimensions	Ø 16.1
Height	10 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ



MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
TINA-Y-WWW	Single lens	PMMA	clear	gloss	
TINA-Y-HLD	Holder	PC	black	gloss	
TINA-Y-TAPE	Tape	Acryl tape			

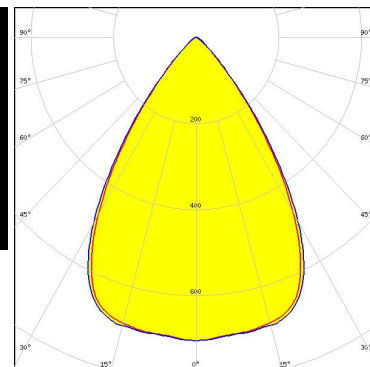
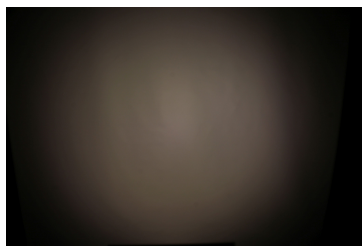
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA19888_TINA-Y-WWW » Box size: 476 x 273 x 197 mm	3900	300	300	6.1

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LM301B
FWHM / FWTM	68.0° / 92.0°
Efficiency	85 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

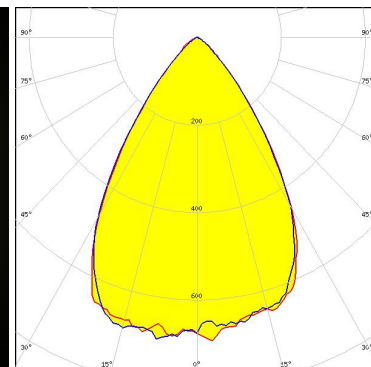


Light distribution files

OPTICAL RESULTS (SIMULATED):



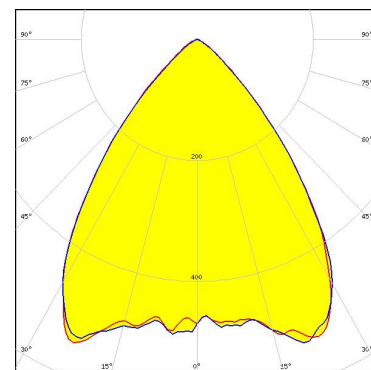
LED JB3030 HE B Class
FWHM / FWTM 68.0° / 96.0°
Efficiency 83 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



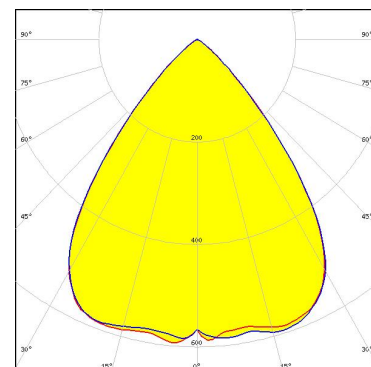
LED XM-L2
FWHM / FWTM 77.0° / 105.0°
Efficiency 81 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-E2
FWHM / FWTM 78.0° / 100.0°
Efficiency 88 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

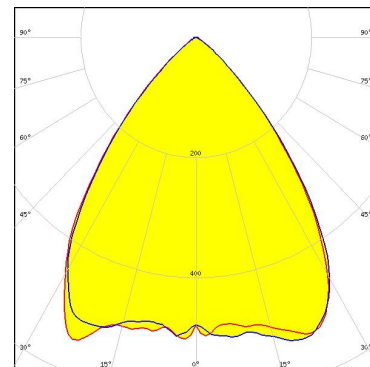


Light distribution files

OPTICAL RESULTS (SIMULATED):



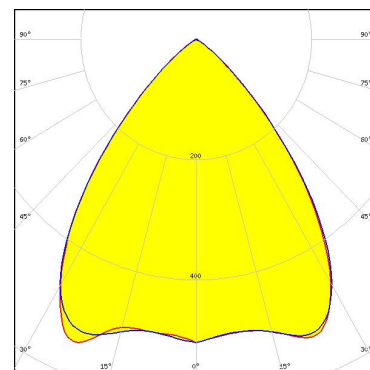
LED XP-G3
 FWHM / FWTM 76.0° / 101.0°
 Efficiency 80 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



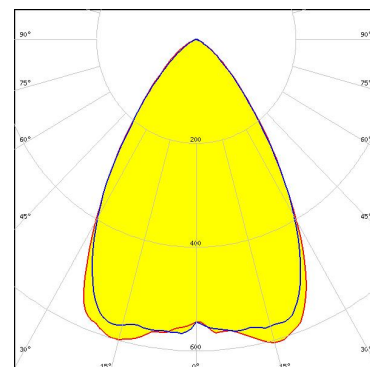
LED XP-G4
 FWHM / FWTM 78.0° / 103.0°
 Efficiency 82 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON 5050 Round LES
 FWHM / FWTM 68.0° / 106.0°
 Efficiency 78 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

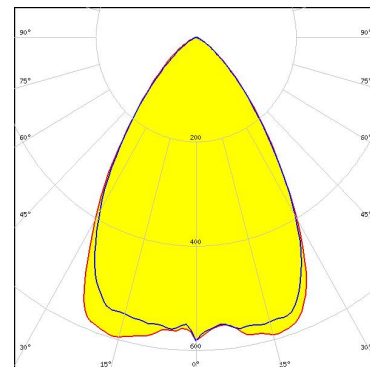


Light distribution files

OPTICAL RESULTS (SIMULATED):



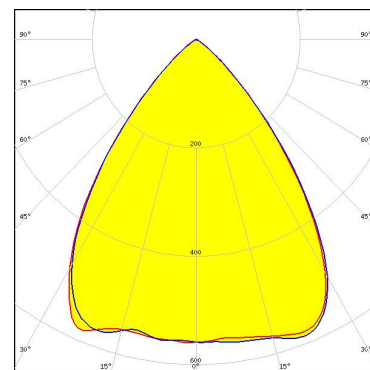
LED LUXEON 5050 Square LES
 FWHM / FWTM 69.0° / 106.0°
 Efficiency 78 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



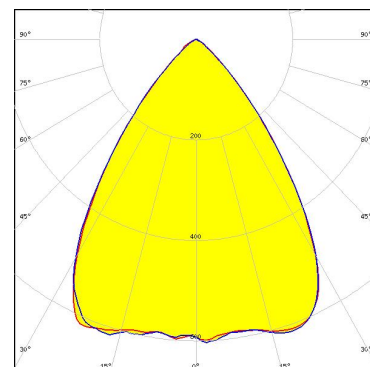
LED LUXEON TX
 FWHM / FWTM 75.0° / 100.0°
 Efficiency 84 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NFSW757H
 FWHM / FWTM 72.0° / 99.0°
 Efficiency 86 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

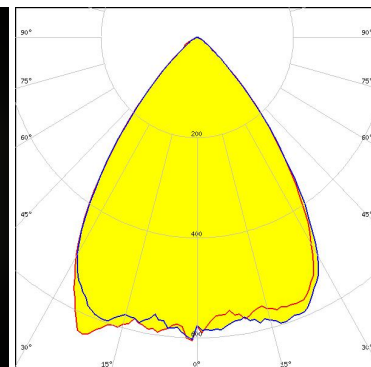


Light distribution files

OPTICAL RESULTS (SIMULATED):



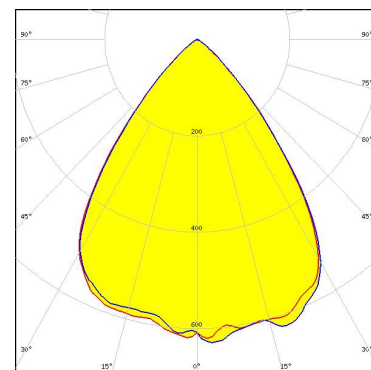
LED NFSW757H
FWHM / FWTM 74.0° / 99.0 + 100.0°
Efficiency 86 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



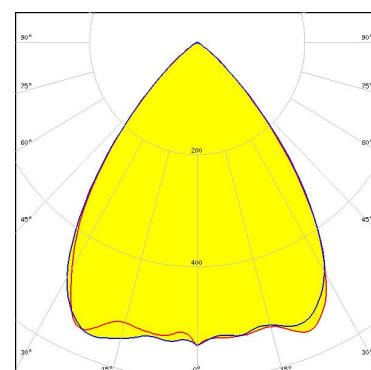
LED OSLOM Signal
FWHM / FWTM 76.0° / 100.0°
Efficiency 88 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type Blue
Required components:



Light distribution files



LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 78.0° / 103.0°
Efficiency 83 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

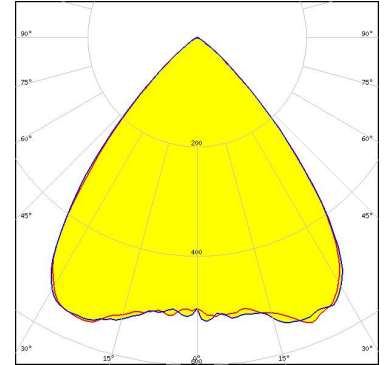


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

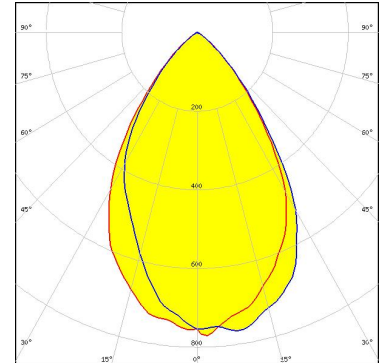
LED OSLON SSL 150
FWHM / FWTM 80.0° / 101.0°
Efficiency 87 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

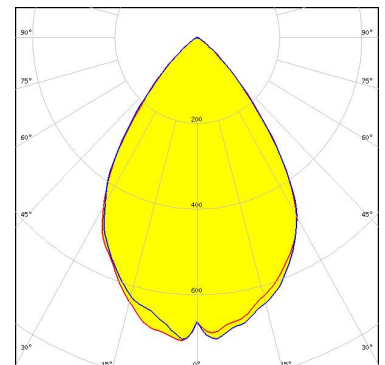
LED OSLON SSL 80
FWHM / FWTM 66.0° / 98.0°
Efficiency 85 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 71.0° / 100.0°
Efficiency 85 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

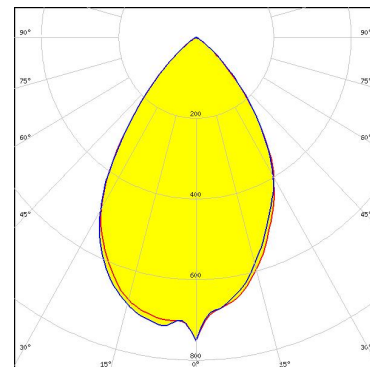


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

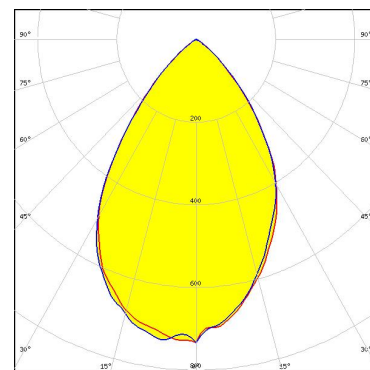
LED OSLON SSL 80
FWHM / FWTM 67.0° / 100.0°
Efficiency 84 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type True Green
Required components:



Light distribution files

OSRAM
Opto Semiconductors

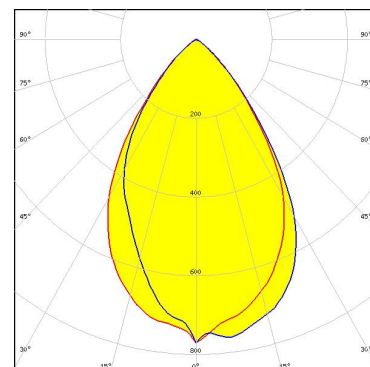
LED OSLON SSL 80
FWHM / FWTM 67.0° / 100.0°
Efficiency 85 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type True Green
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 65.0° / 98.0°
Efficiency 84 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type Red
Required components:

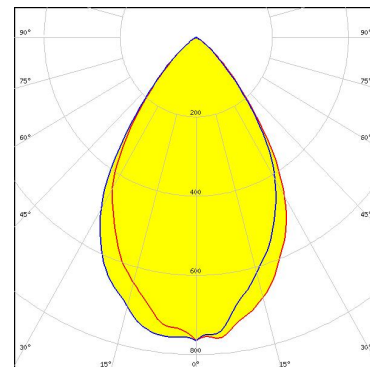


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

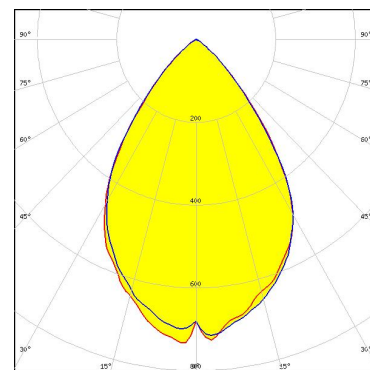
LED OSLOM SSL 80
FWHM / FWTM 67.0° / 98.0°
Efficiency 84 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour/type Blue
Required components:



Light distribution files

OSRAM
Opto Semiconductors

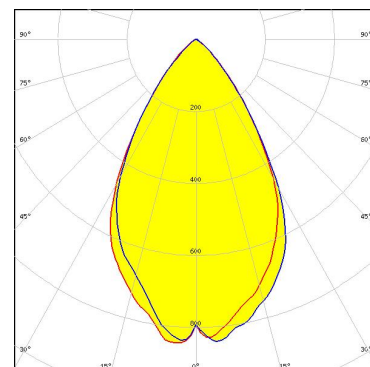
LED OSLOM SSL 80
FWHM / FWTM 70.0° / 99.0°
Efficiency 86 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED SFH 4715AS
FWHM / FWTM 62.0° / 93.0°
Efficiency 86 %
LEDs/each optic 1
Light colour/type White
Required components:

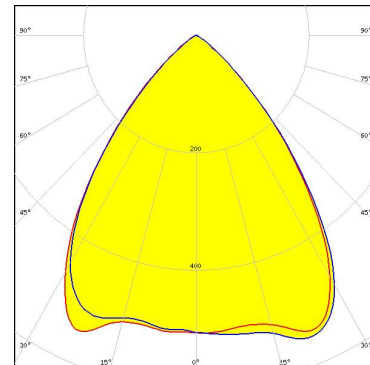


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

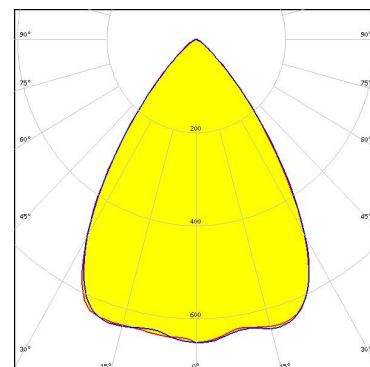
LED LH351B
FWHM / FWTM 77.0° / 104.0°
Efficiency 83 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

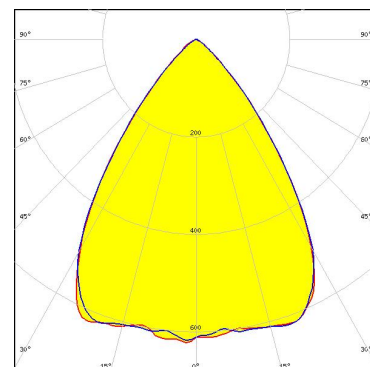
LED LM28xB Series
FWHM / FWTM 71.0° / 98.0°
Efficiency 85 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LM301B
FWHM / FWTM 73.0° / 99.0°
Efficiency 86 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

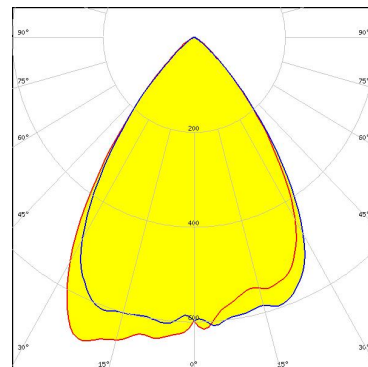


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED	SEOUL DC 3528
FWHM / FWTM	73.0° / 99.0°
Efficiency	86 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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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