

ELLA-30-WW

~55° wide beam. Assembly with black holder.

SPECIFICATION:

Dimensions	Ø 32.0 mm
Height	20 mm
Fastening	tape
ROHS compliant	yes ⓘ

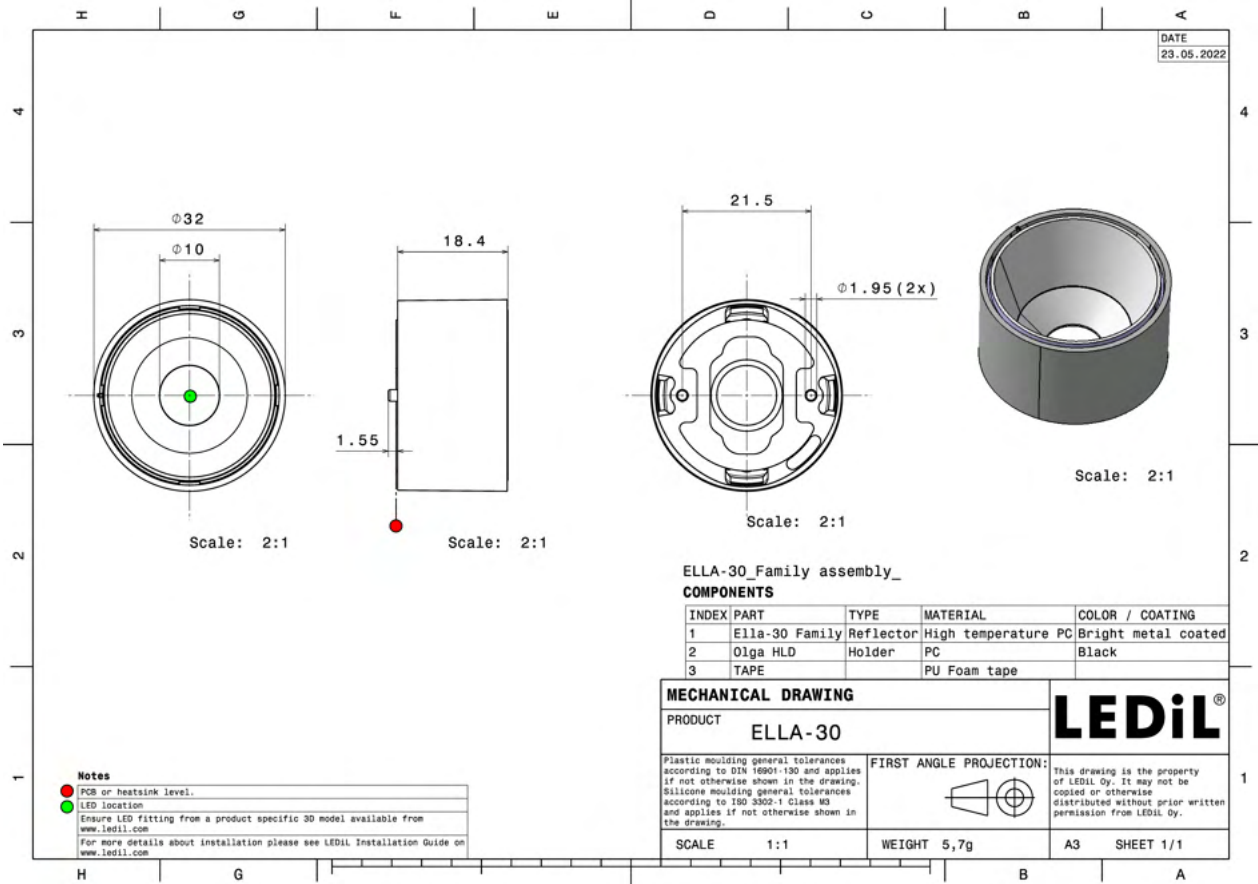
MATERIALS:

Component	Type	Material	Colour	Finish	Length
ELLA-30-WW	Reflector	HTPC	metal		29.6
OLGA-HLD	Holder	PC	black		32.0
SPUTNIK-TAPE3	Tape	Acrylic foam	black		25.0



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA17283_ELLA-30-WW » Box size: 480 x 280 x 300 mm	792	264	66	5.8

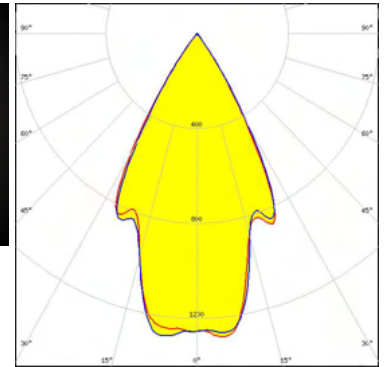
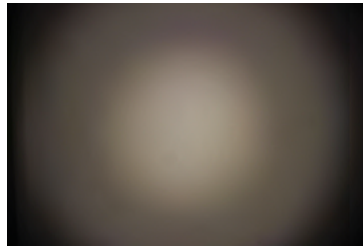


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



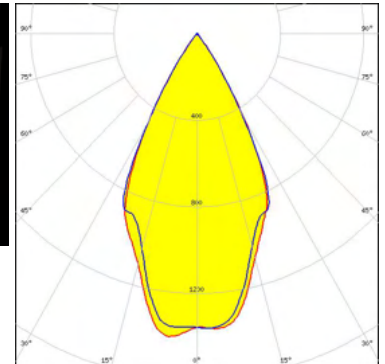
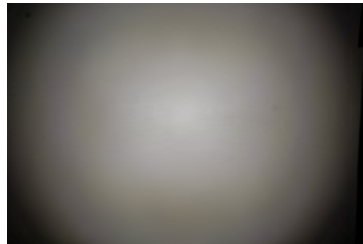
LED XP-L2
FWHM / FWTM 57.0° / 73.0°
Efficiency 86 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



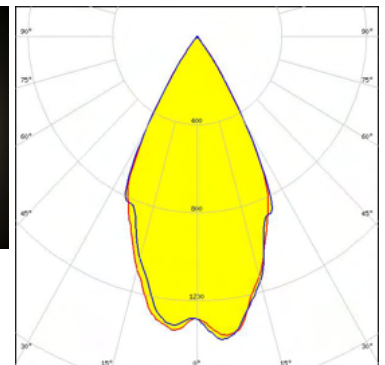
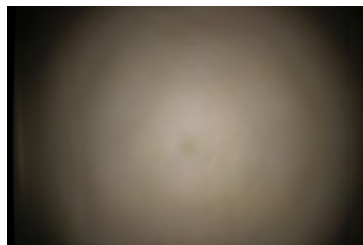
LED LUXEON 5050 Square LES
FWHM / FWTM 54.0° / 71.0°
Efficiency 90 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NFMW48xA
FWHM / FWTM 54.0° / 72.0°
Efficiency 89 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

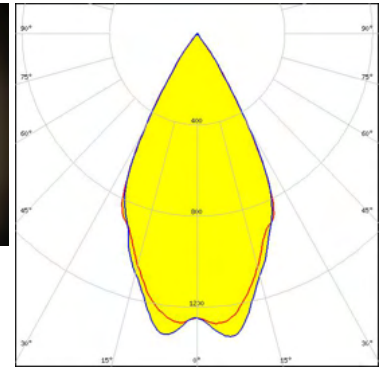
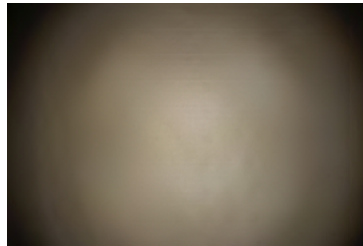


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

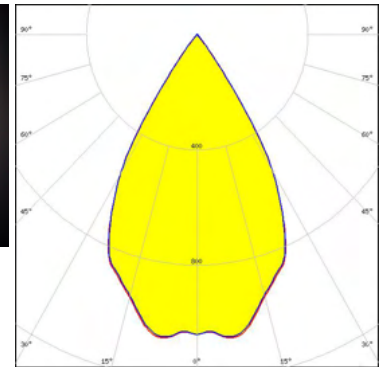
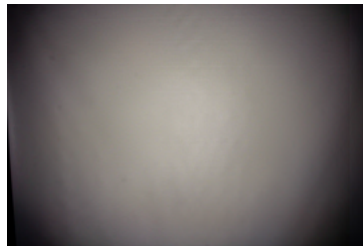
LED Duris S8
FWHM / FWTM 55.0° / 72.0°
Efficiency 90 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SEOLIA
SEOUL SEMICONDUCTOR

LED WICOP 5050
FWHM / FWTM 61.0° / 75.0°
Efficiency 86 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

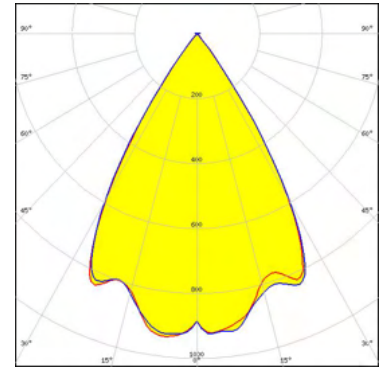


Light distribution files

OPTICAL RESULTS (SIMULATED):



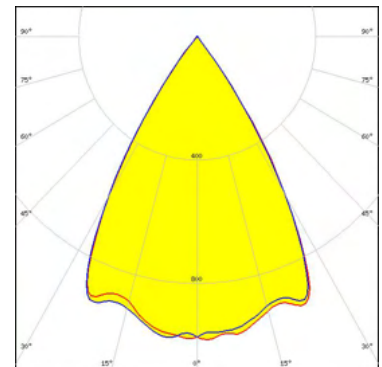
LED XHP35.2 HD
FWHM / FWTM 63.0° / 76.0°
Efficiency 85 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



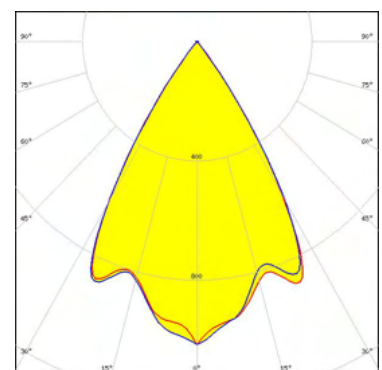
LED XHP50.3 HD
FWHM / FWTM 63.0 + 64.0° / 76.0°
Efficiency 92 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-L2
FWHM / FWTM 62.0° / 75.0°
Efficiency 87 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

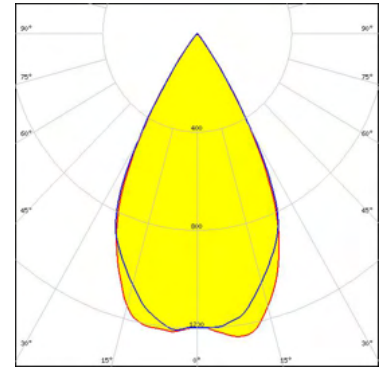


Light distribution files

OPTICAL RESULTS (SIMULATED):



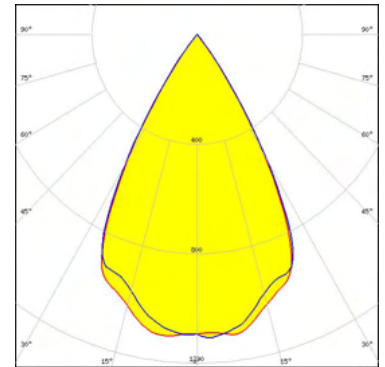
LED LUXEON 5050 Round LES
FWHM / FWTM 56.0° / 72.0°
Efficiency 89 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



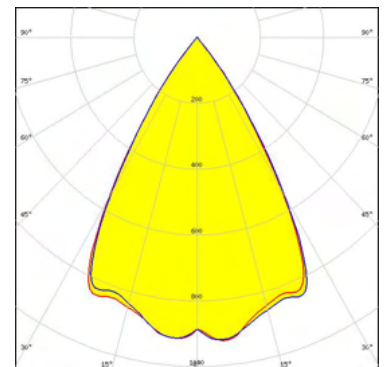
LED LUXEON 5050 Square LES
FWHM / FWTM 59.0° / 74.0°
Efficiency 90 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

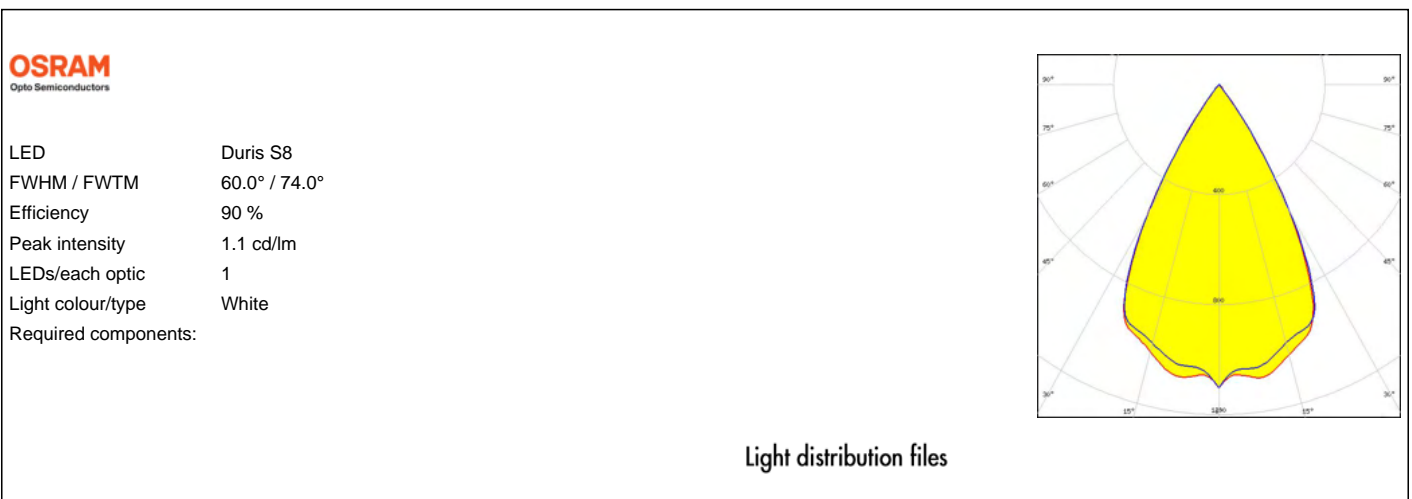
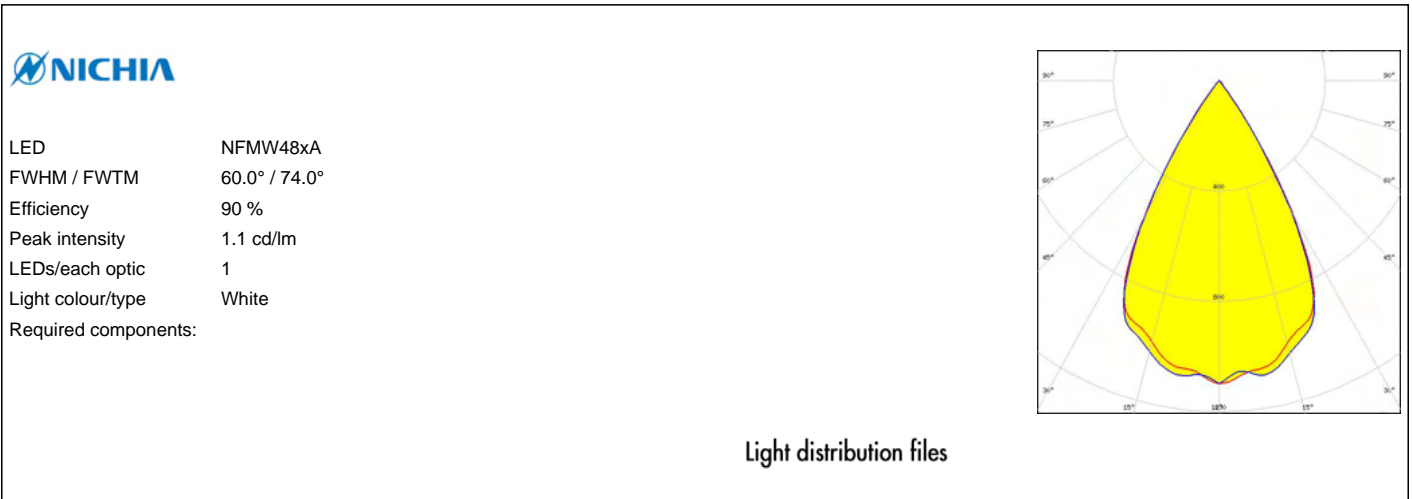


LED LUXEON HL2X
FWHM / FWTM 62.0° / 78.0°
Efficiency 88 %
Peak intensity 1.1 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:



Light distribution files

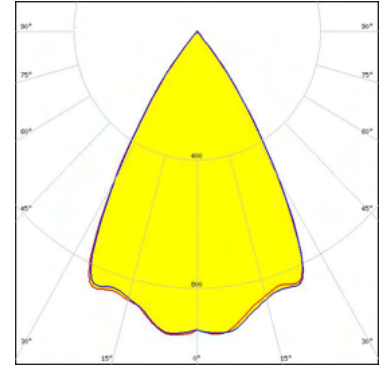
OPTICAL RESULTS (SIMULATED):



OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH351C
FWHM / FWTM	62.0° / 78.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	4
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:

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.

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