

ELLA-30-S

~15° spot beam. Assembly with black holder.

SPECIFICATION:

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

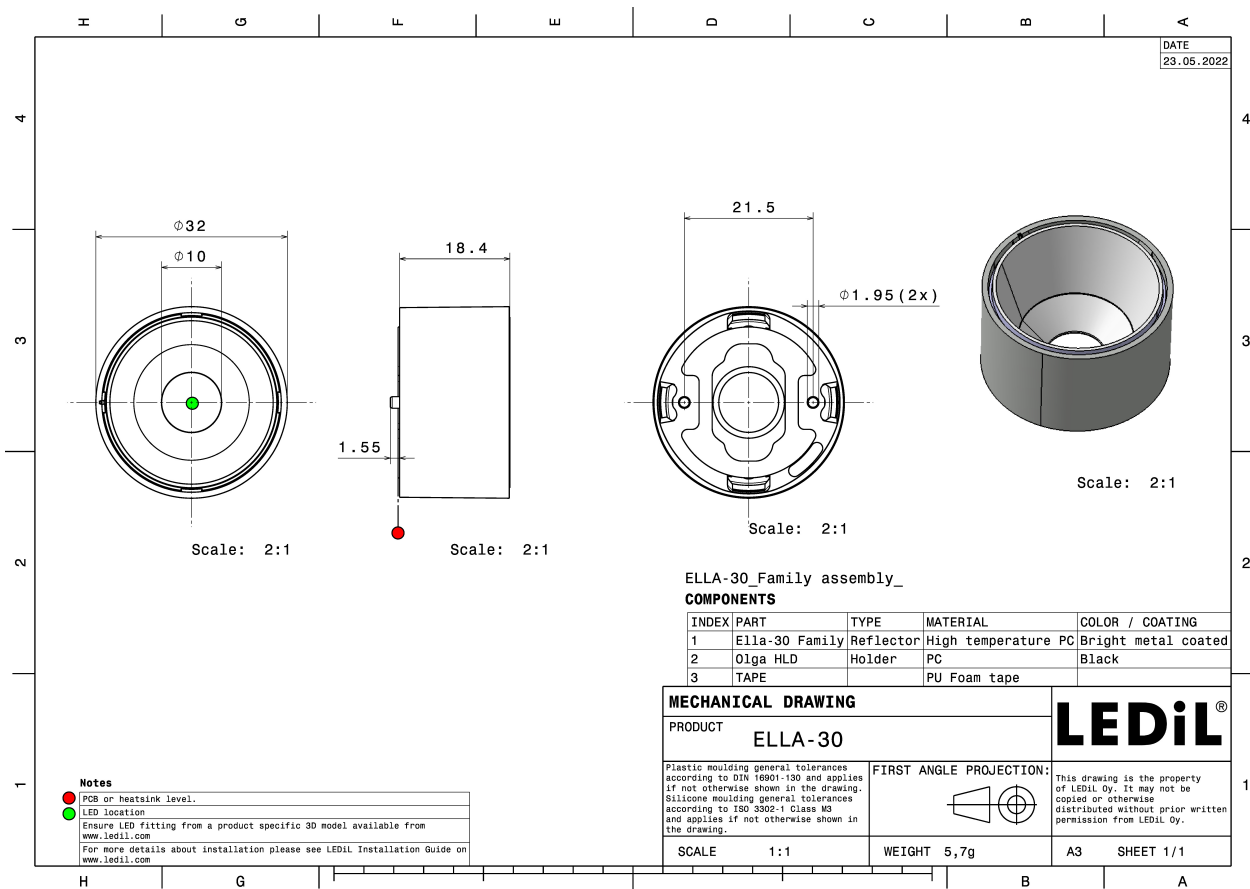
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
ELLA-30-S	Reflector	HTPC	metal		
OLGA-HLD	Holder	PC	black		
SPUTNIK-TAPE3	Tape	Acrylic foam tape	black		



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA17280_ELLA-30-S	792	264	66	5.8
» Box size: 480 x 280 x 300 mm				

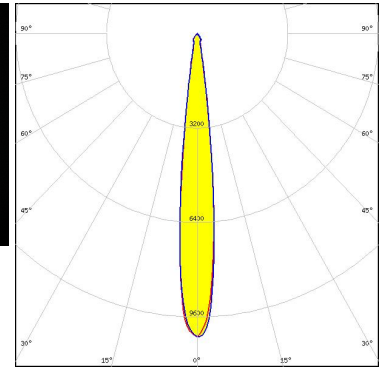


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



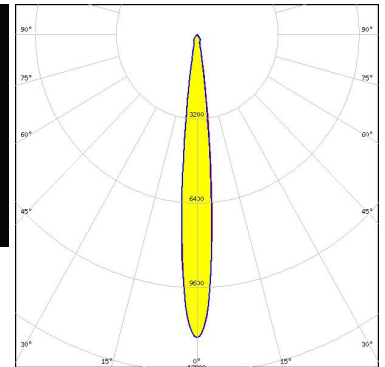
LED XHP35 HD
FWHM / FWTM 13.0° / 23.0°
Efficiency 88 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



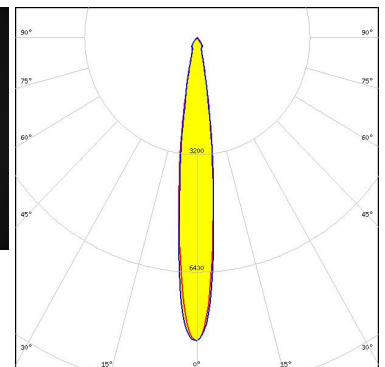
LED XP-L2
FWHM / FWTM 12.0° / 23.0°
Efficiency 86 %
Peak intensity 11.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON 5050 Round LES
FWHM / FWTM 14.0° / 29.0°
Efficiency 91 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

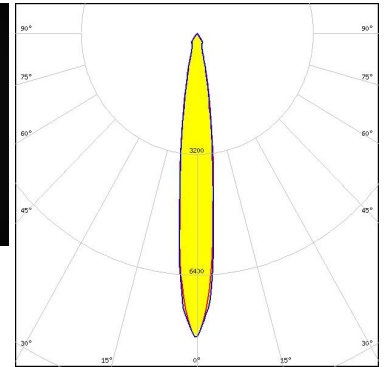
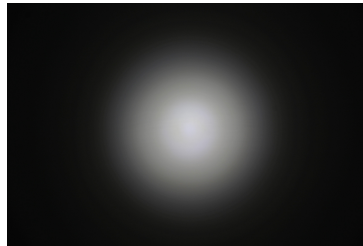


Light distribution files

OPTICAL RESULTS (MEASURED):



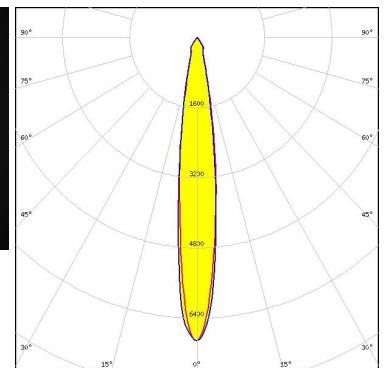
LED NFMW48xA
FWHM / FWTM 13.0 + 14.0° / 30.0°
Efficiency 90 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



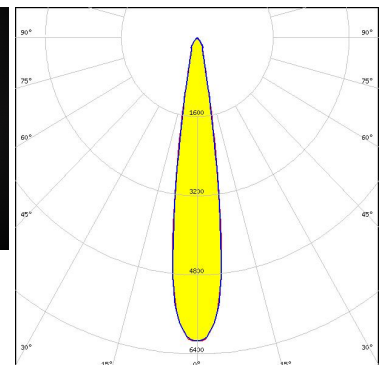
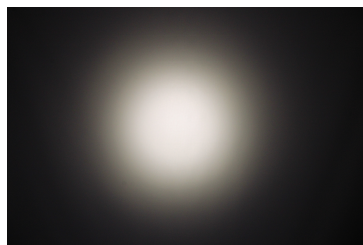
LED Duris S8
FWHM / FWTM 15.0° / 33.0°
Efficiency 90 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED WICOP 5050
FWHM / FWTM 17.0° / 32.0°
Efficiency 86 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

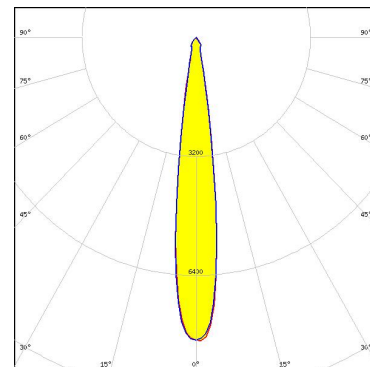


Light distribution files

OPTICAL RESULTS (SIMULATED):



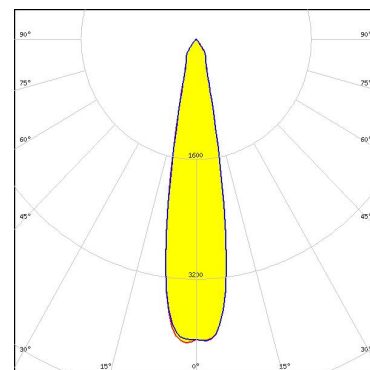
LED XHP50.3 HD
FWHM / FWTM 14.0° / 27.0°
Efficiency 91 %
Peak intensity 8.2 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



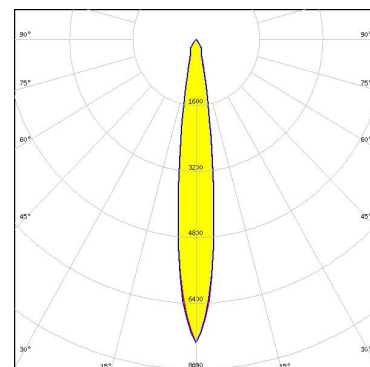
LED XHP70.3 HD
FWHM / FWTM 22.0° / 42.0°
Efficiency 86 %
Peak intensity 4.1 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XHP70.3 HI
FWHM / FWTM 14.0° / 30.0°
Efficiency 88 %
Peak intensity 7.4 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:

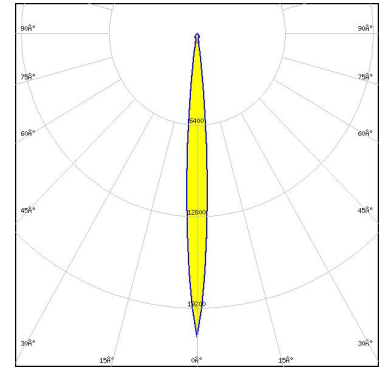


Light distribution files

OPTICAL RESULTS (SIMULATED):



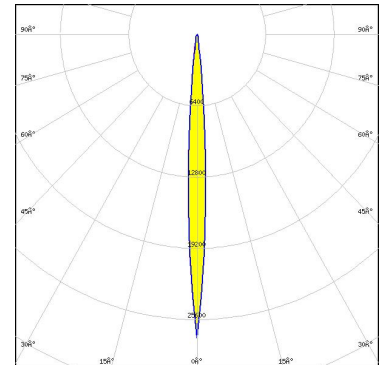
LED XP-G4
FWHM / FWTM 8.0° / 16.0°
Efficiency 91 %
Peak intensity 21.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



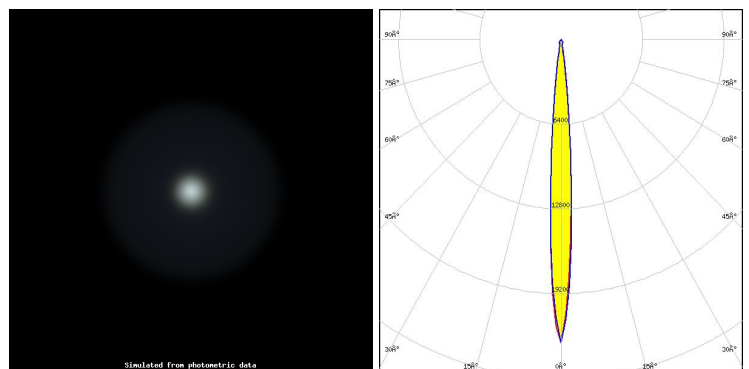
LED XP-G4 HI
FWHM / FWTM 6.0° / 14.0°
Efficiency 87 %
Peak intensity 27.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED SST-25-W
FWHM / FWTM 8.0° / 16.0°
Efficiency 93 %
Peak intensity 22.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

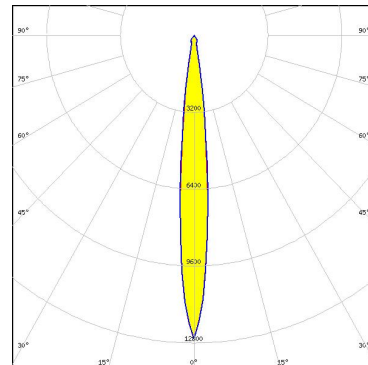


Light distribution files

OPTICAL RESULTS (SIMULATED):



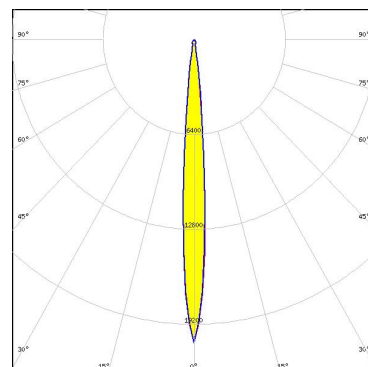
LED NV4WB35AM
 FWHM / FWTM 10.0° / 22.0°
 Efficiency 89 %
 Peak intensity 12.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



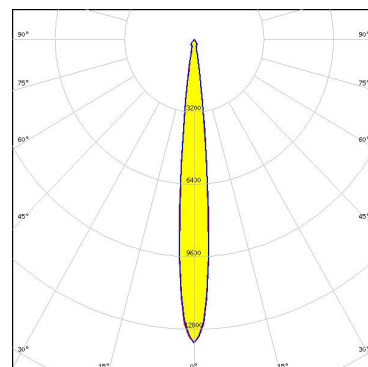
LED LH351C
 FWHM / FWTM 8.0° / 16.0°
 Efficiency 90 %
 Peak intensity 20.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LH351D
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 88 %
 Peak intensity 13.4 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:

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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