

## ELLA-30-W

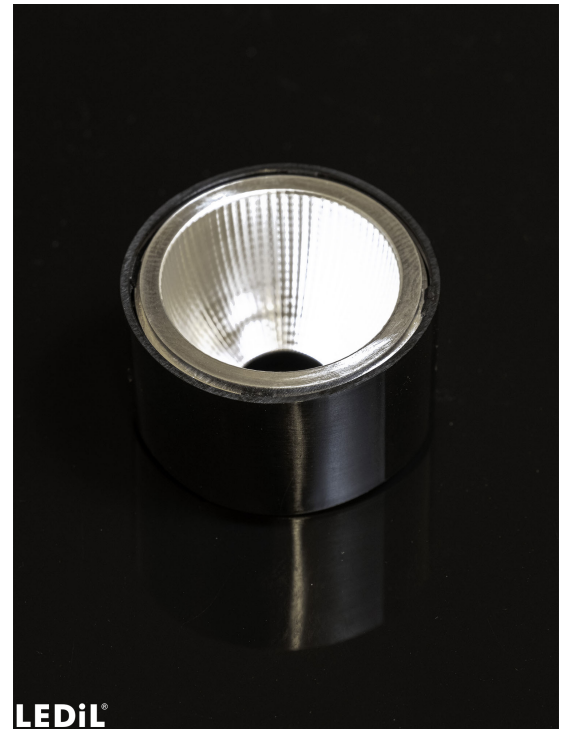
~38° wide beam. Assembly with black holder.

## SPECIFICATION:

Dimensions	Ø 32.0
Height	20 mm
ROHS compliant	yes ⓘ

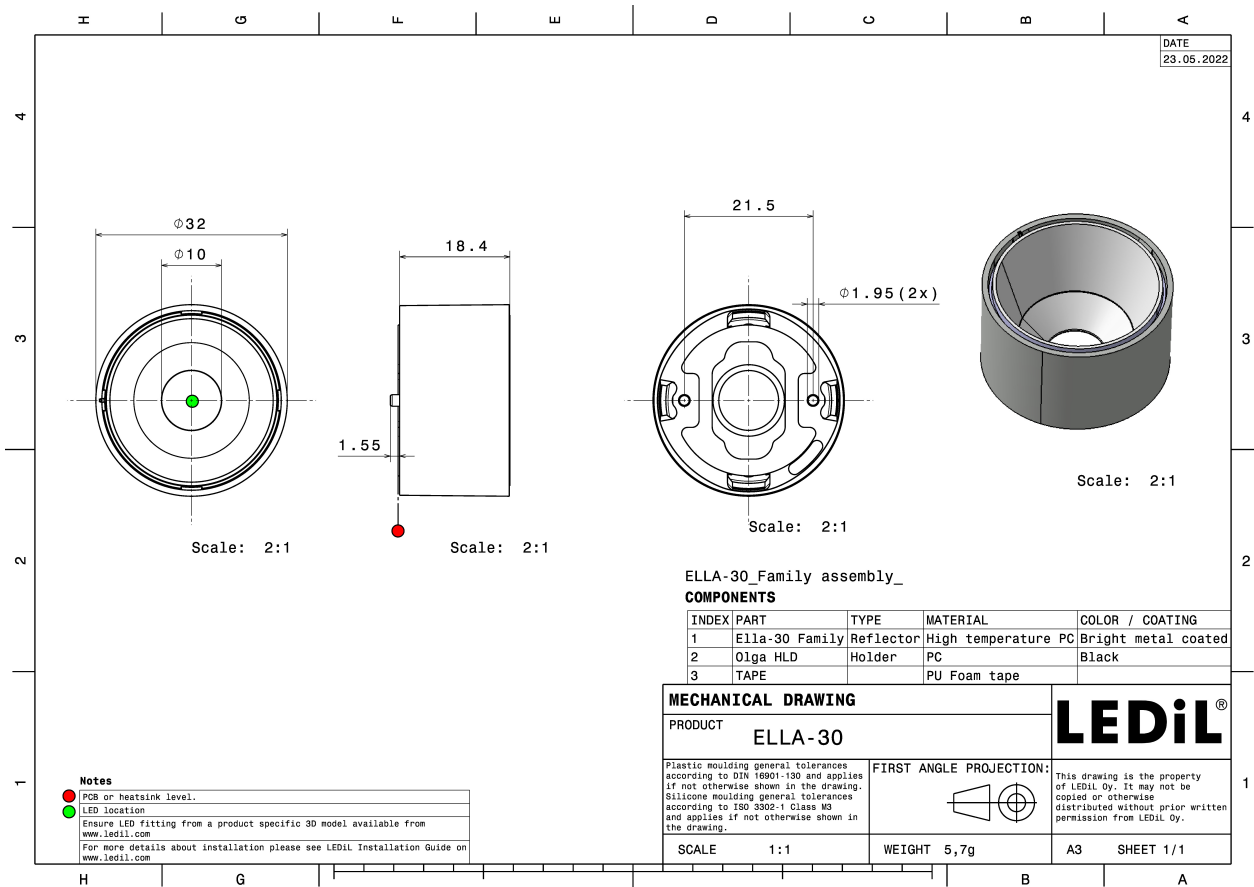
## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
ELLA-30-W	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)
CA17282_ELLA-30-W » Box size: 480 x 280 x 300 mm	792	264	66	5.9

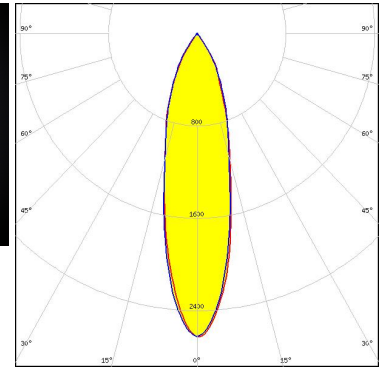
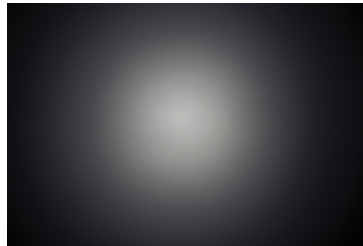


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



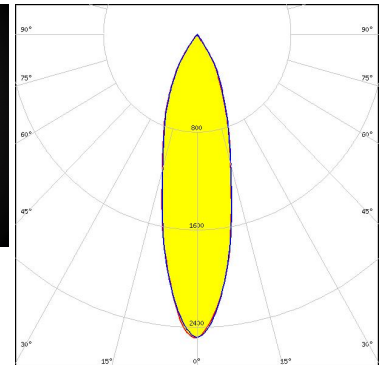
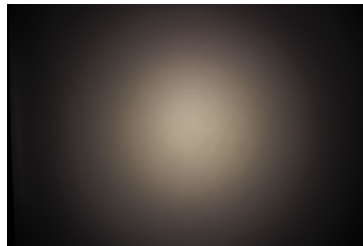
LED XHP35 HD  
FWHM / FWTM 26.0° / 65.0°  
Efficiency 87 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



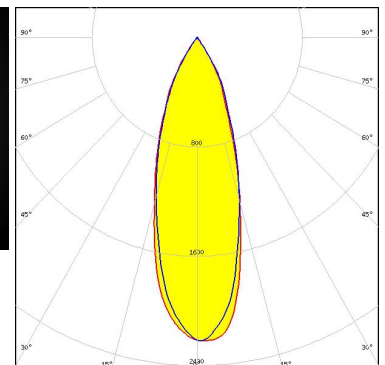
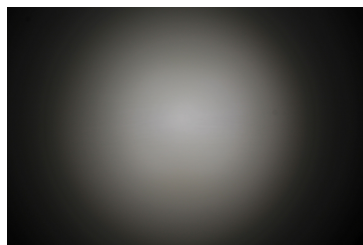
LED XP-L2  
FWHM / FWTM 28.0° / 65.0°  
Efficiency 85 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON 5050 Square LES  
FWHM / FWTM 33.0° / 65.0°  
Efficiency 88 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

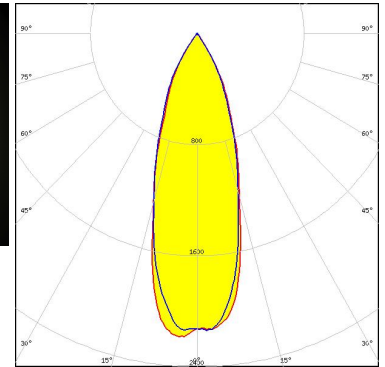
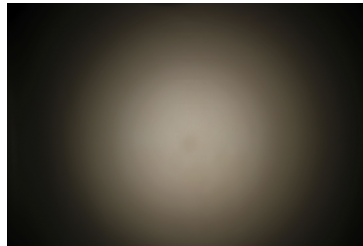


Light distribution files

#### OPTICAL RESULTS (MEASURED):



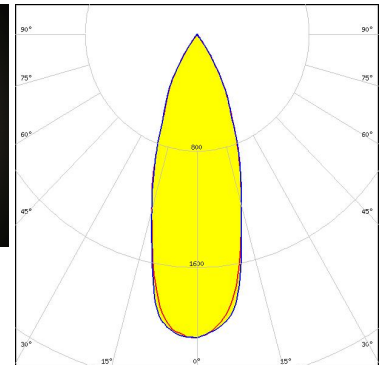
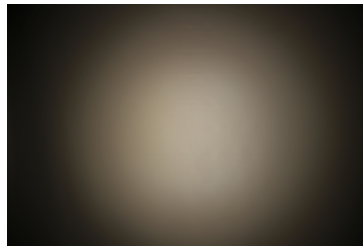
LED NFMW48xA  
FWHM / FWTM 34.0° / 65.0°  
Efficiency 87 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



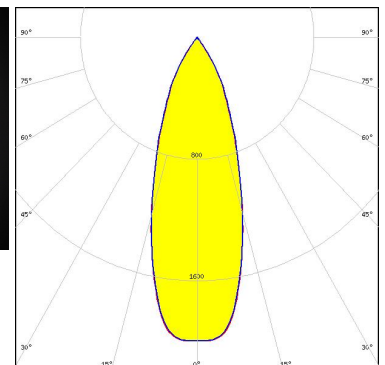
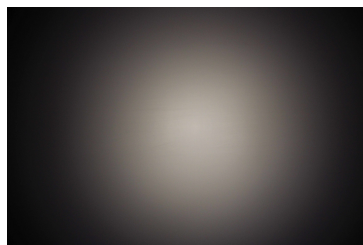
LED Duris S8  
FWHM / FWTM 35.0° / 66.0°  
Efficiency 88 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED WICOP 5050  
FWHM / FWTM 35.0° / 66.0°  
Efficiency 85 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



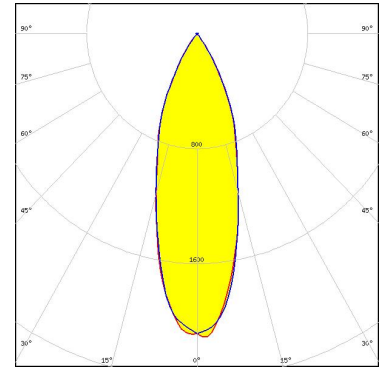
Light distribution files



#### OPTICAL RESULTS (SIMULATED):



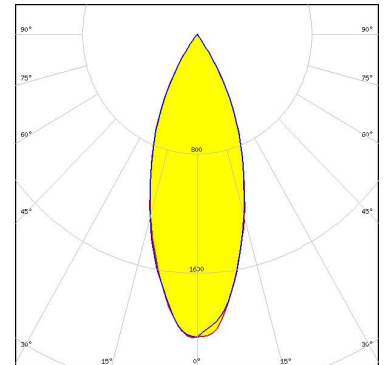
LED XHP35.2 HD  
FWHM / FWTM 32.0° / 65.0°  
Efficiency 85 %  
Peak intensity 2.2 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



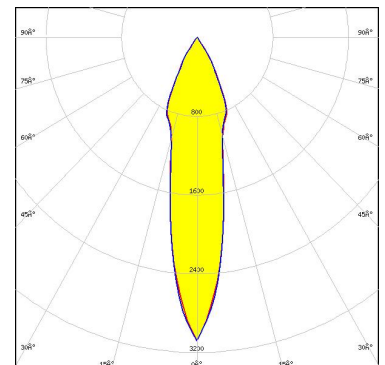
LED XHP50.3 HD  
FWHM / FWTM 38.0° / 66.0°  
Efficiency 91 %  
Peak intensity 2 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XP-G4  
FWHM / FWTM 22.0° / 63.0°  
Efficiency 90 %  
Peak intensity 3.1 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:

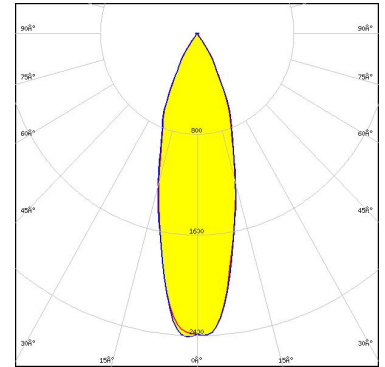


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



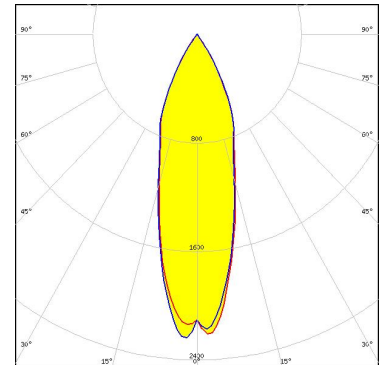
LED XP-G4 HI  
FWHM / FWTM 30.0° / 64.0°  
Efficiency 87 %  
Peak intensity 2.4 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



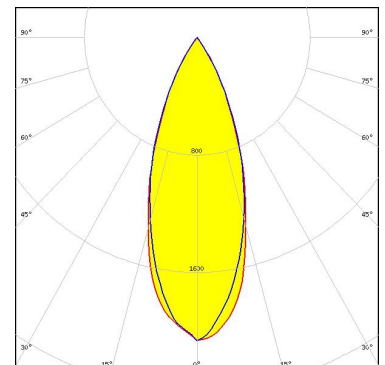
LED XP-L2  
FWHM / FWTM 30.0° / 66.0°  
Efficiency 87 %  
Peak intensity 2.2 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON 5050 Round LES  
FWHM / FWTM 38.0° / 66.0°  
Efficiency 89 %  
Peak intensity 2.1 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:

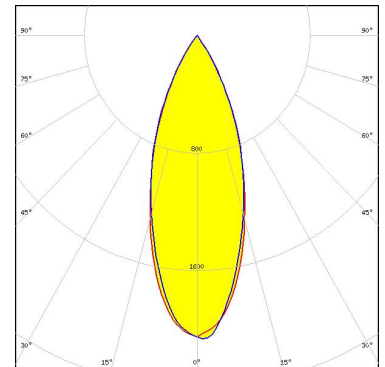


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



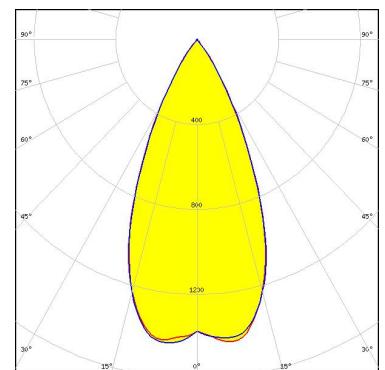
LED LUXEON 5050 Square LES  
 FWHM / FWTM 37.0° / 66.0°  
 Efficiency 90 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



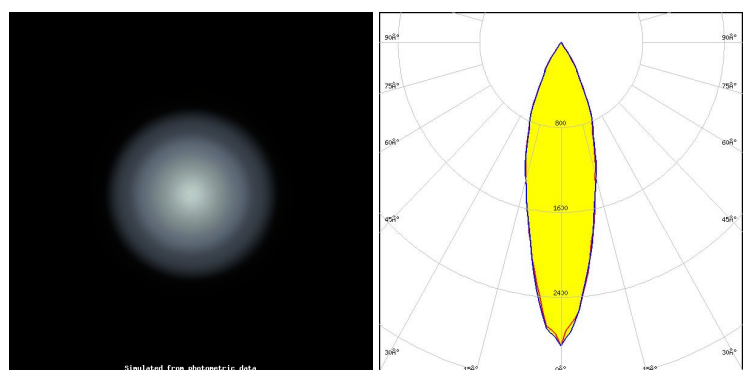
LED LUXEON HL2X  
 FWHM / FWTM 48.0° / 70.0°  
 Efficiency 87 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 4  
 Light colour/type White  
 Required components:



Light distribution files



LED SST-25-W  
 FWHM / FWTM 28.0° / 63.0 + 62.0°  
 Efficiency 93 %  
 Peak intensity 2.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

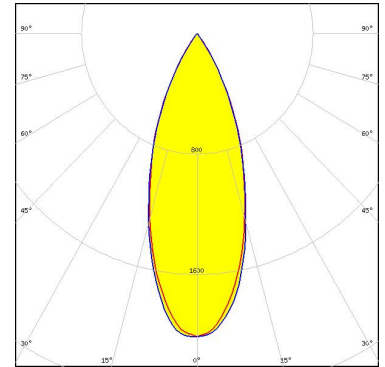


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



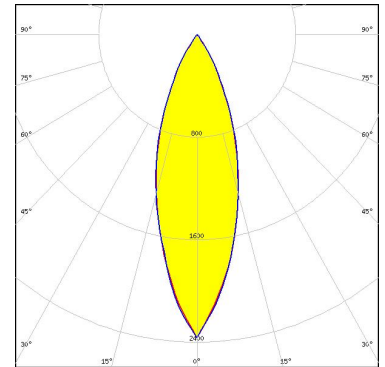
LED NFMW48xA  
 FWHM / FWTM 38.0° / 66.0°  
 Efficiency 90 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



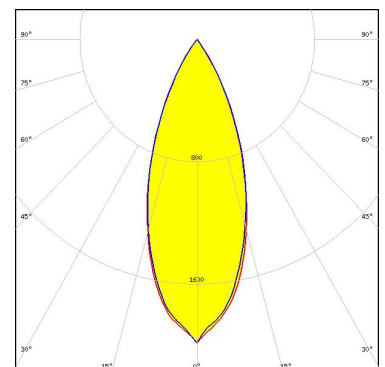
LED NV4WB35AM  
 FWHM / FWTM 32.0° / 64.0°  
 Efficiency 88 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED Duris S8  
 FWHM / FWTM 39.0° / 66.0°  
 Efficiency 89 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

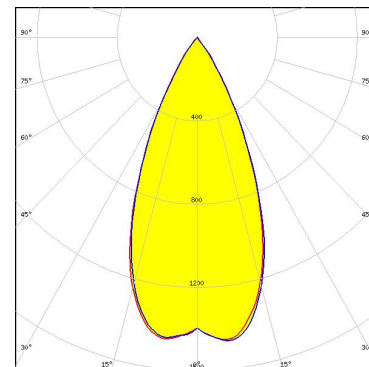


Light distribution files

## OPTICAL RESULTS (SIMULATED):

### SAMSUNG

LED	LH351C
FWHM / FWTM	46.0° / 70.0°
Efficiency	87 %
Peak intensity	1.5 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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