

## ELLA-30-M

~28° wide beam. Assembly with black holder.

### SPECIFICATION:

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

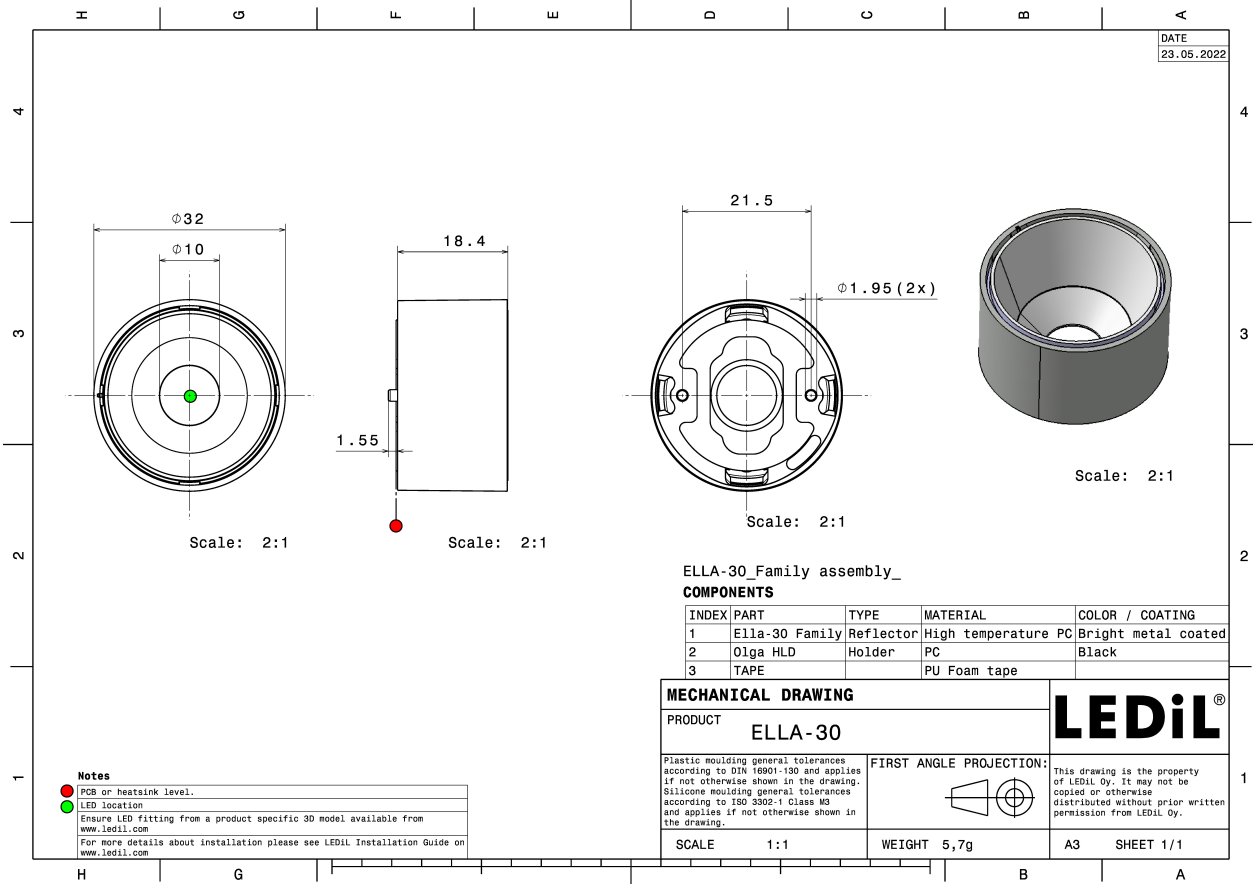
### MATERIALS:

Component	Type	Material	Colour	Finish	Length
ELLA-30-M	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)
CA17281_ELLA-30-M » Box size: 480 x 280 x 300 mm	792	264	66	5.6



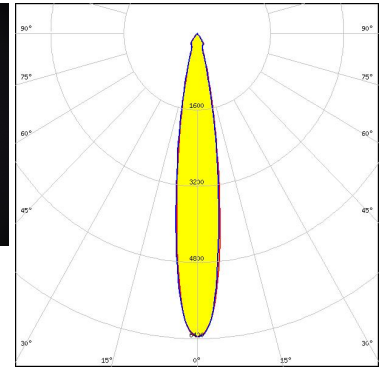


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



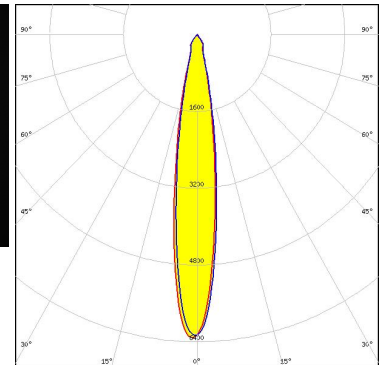
LED XHP35 HD  
FWHM / FWTM 17.0° / 33.0°  
Efficiency 89 %  
Peak intensity 6.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



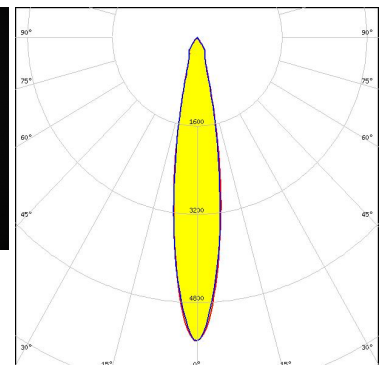
LED XP-L2  
FWHM / FWTM 16.0° / 34.0°  
Efficiency 87 %  
Peak intensity 6.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON 5050 Square LES  
FWHM / FWTM 19.0° / 37.0°  
Efficiency 91 %  
Peak intensity 5.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:


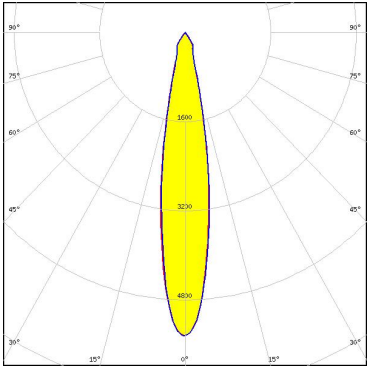


Light distribution files

#### OPTICAL RESULTS (MEASURED):

**NICHIA**


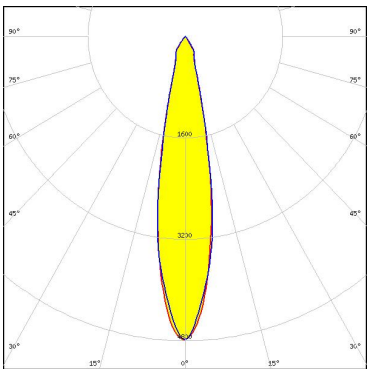
LED	NFMW48xA
FWHM / FWTM	19.0° / 37.0°
Efficiency	91 %
Peak intensity	5.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

**OSRAM**  
Opto Semiconductors

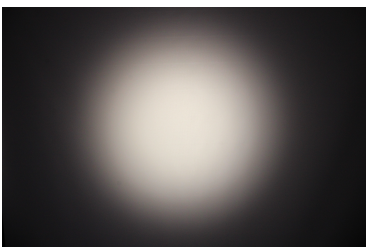
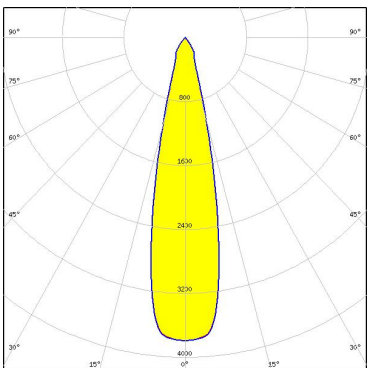
LED	Duris S8
FWHM / FWTM	21.0° / 40.0°
Efficiency	91 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

**SEAGULL**  
SEOUL SEMICONDUCTOR

LED	WICOP 5050
FWHM / FWTM	24.0° / 43.0°
Efficiency	86 %
Peak intensity	3.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

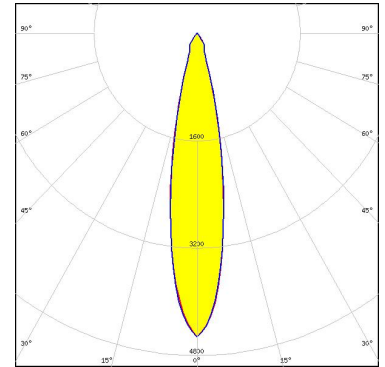



Light distribution files

### OPTICAL RESULTS (SIMULATED):



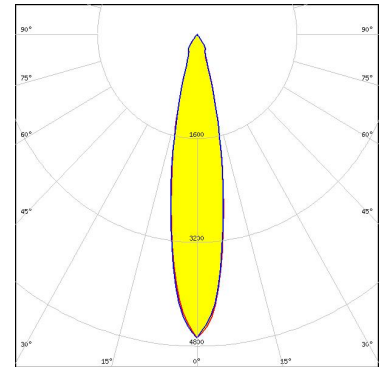
**LED** XHP35.2 HD  
**FWHM / FWTM** 21.0° / 39.0°  
**Efficiency** 85 %  
**Peak intensity** 1.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



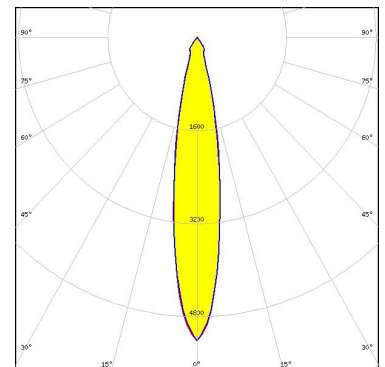
**LED** XHP50.3 HD  
**FWHM / FWTM** 20.0° / 40.0°  
**Efficiency** 91 %  
**Peak intensity** 4.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



**LED** XP-L2  
**FWHM / FWTM** 18.0° / 37.0°  
**Efficiency** 88 %  
**Peak intensity** 5.2 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**

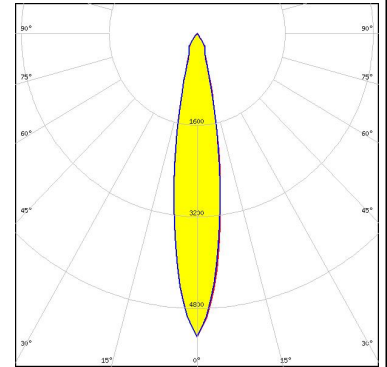


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



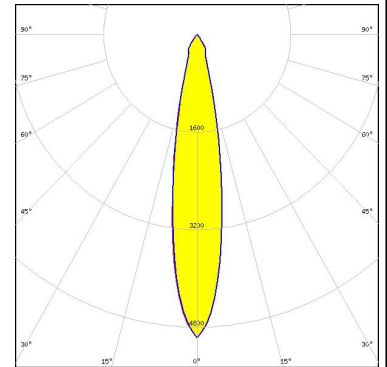
LED LUXEON 5050 Round LES  
 FWHM / FWTM 18.0° / 38.0°  
 Efficiency 89 %  
 Peak intensity 5.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



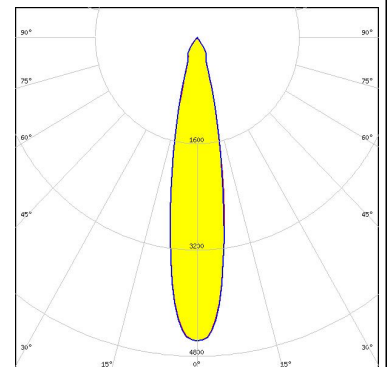
LED LUXEON 5050 Square LES  
 FWHM / FWTM 19.0° / 39.0°  
 Efficiency 91 %  
 Peak intensity 5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED NFMW48xA  
 FWHM / FWTM 21.0° / 41.0°  
 Efficiency 90 %  
 Peak intensity 4.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

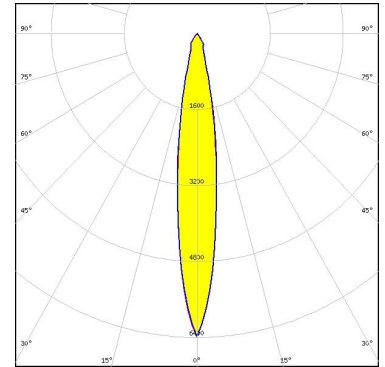


Light distribution files

### OPTICAL RESULTS (SIMULATED):



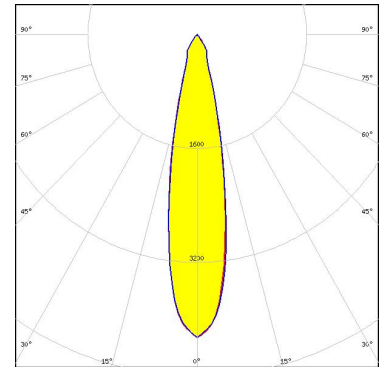
LED NV4WB35AM  
FWHM / FWTM 16.0° / 34.0°  
Efficiency 89 %  
Peak intensity 6.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED Duris S8  
FWHM / FWTM 22.0° / 43.0°  
Efficiency 90 %  
Peak intensity 4.3 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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