

## ELLA-30-S

~15° spot beam. Assembly with black holder.

### SPECIFICATION:

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

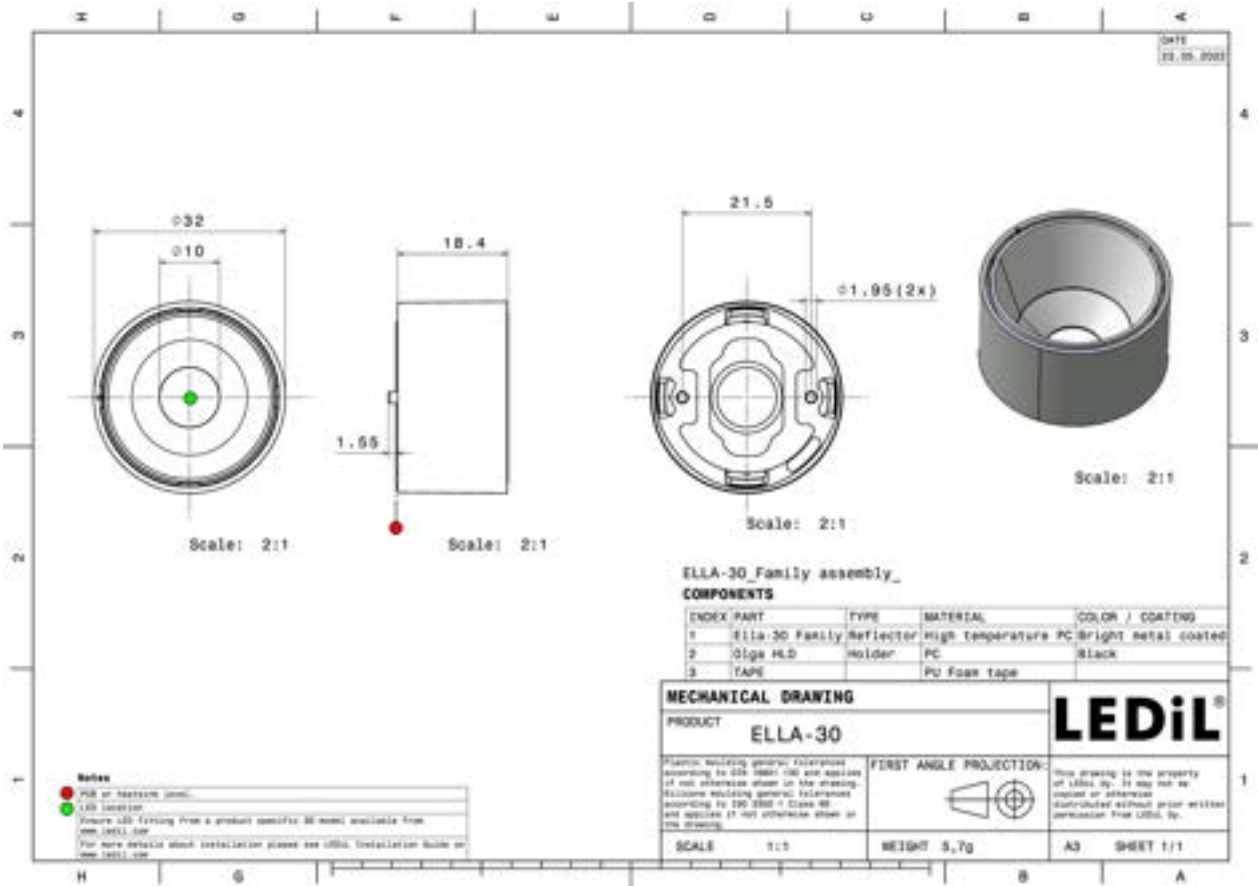
### MATERIALS:

Component	Type	Material	Colour	Finish	Length
ELLA-30-S	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)
CA17280_ELLA-30-S	792	264	66	5.8
» Box size: 480 x 280 x 300 mm				

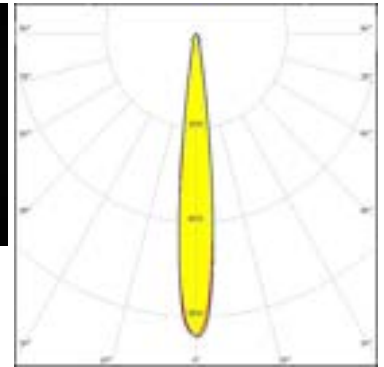


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



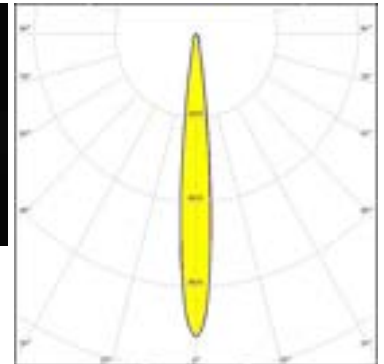
LED XHP35 HD  
FWHM / FWTM 13.0° / 23.0°  
Efficiency 88 %  
Peak intensity 10.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



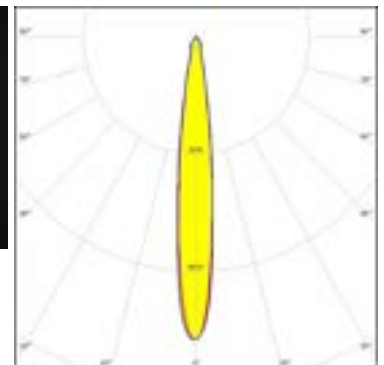
LED XP-L2  
FWHM / FWTM 12.0° / 23.0°  
Efficiency 86 %  
Peak intensity 11.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



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:


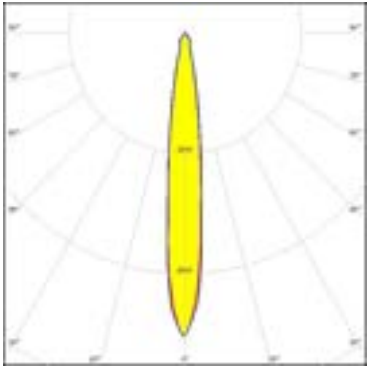


Light distribution files

#### OPTICAL RESULTS (MEASURED):

**NICHIA**


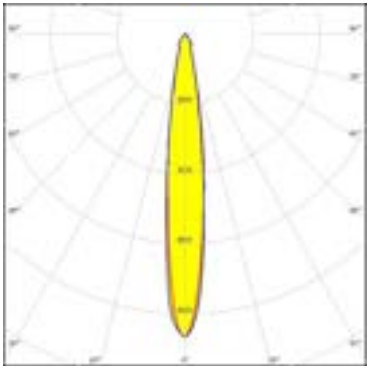
LED	NFMW48xA
FWHM / FWTM	13.0 + 14.0° / 30.0°
Efficiency	90 %
Peak intensity	8 cd/m
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

**OSRAM**  
Light Semiconductors


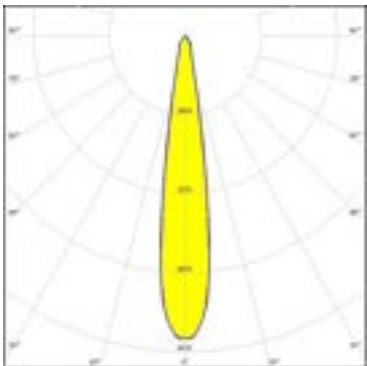
LED	Duris S8
FWHM / FWTM	15.0° / 33.0°
Efficiency	90 %
Peak intensity	6.9 cd/m
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

**WORLD SEMICONDUCTOR**

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

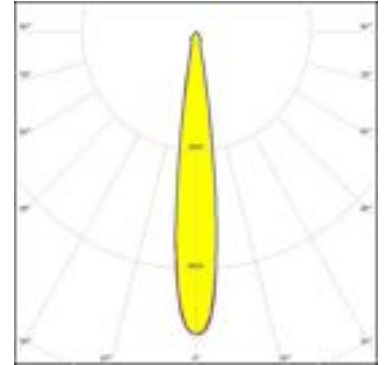



Light distribution files

#### OPTICAL RESULTS (SIMULATED):



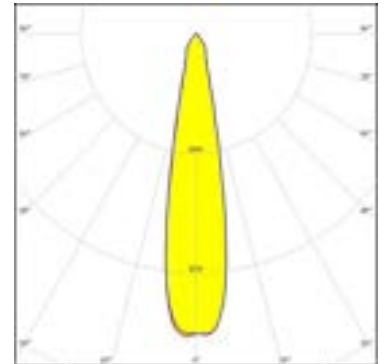
LED XHP50.3 HD  
FWHM / FWTM 14.0° / 27.0°  
Efficiency 91 %  
Peak intensity 8.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



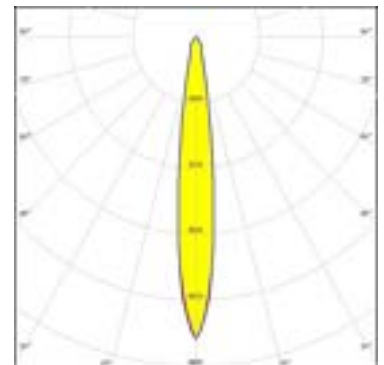
LED XHP70.3 HD  
FWHM / FWTM 22.0° / 42.0°  
Efficiency 86 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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

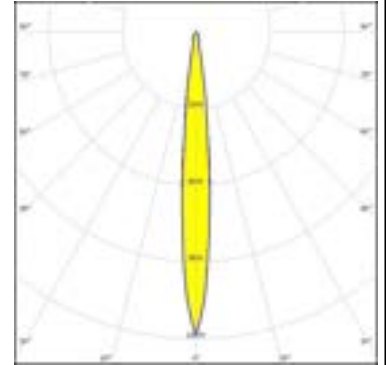


Light distribution files

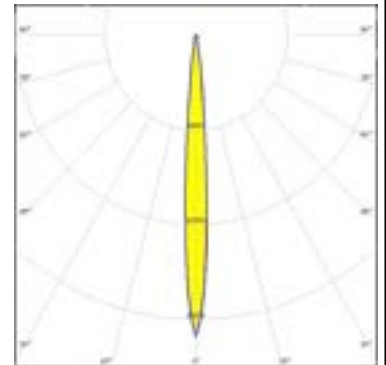
#### OPTICAL RESULTS (SIMULATED):



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



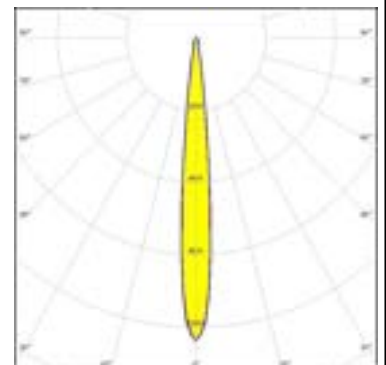
LED LH351C  
FWHM / FWTM 8.0° / 16.0°  
Efficiency 90 %  
Peak intensity 20.5 cd/m  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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