

## ELLA-30-M

~28° wide beam. Assembly with black holder.

### TECHNICAL SPECIFICATIONS:

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

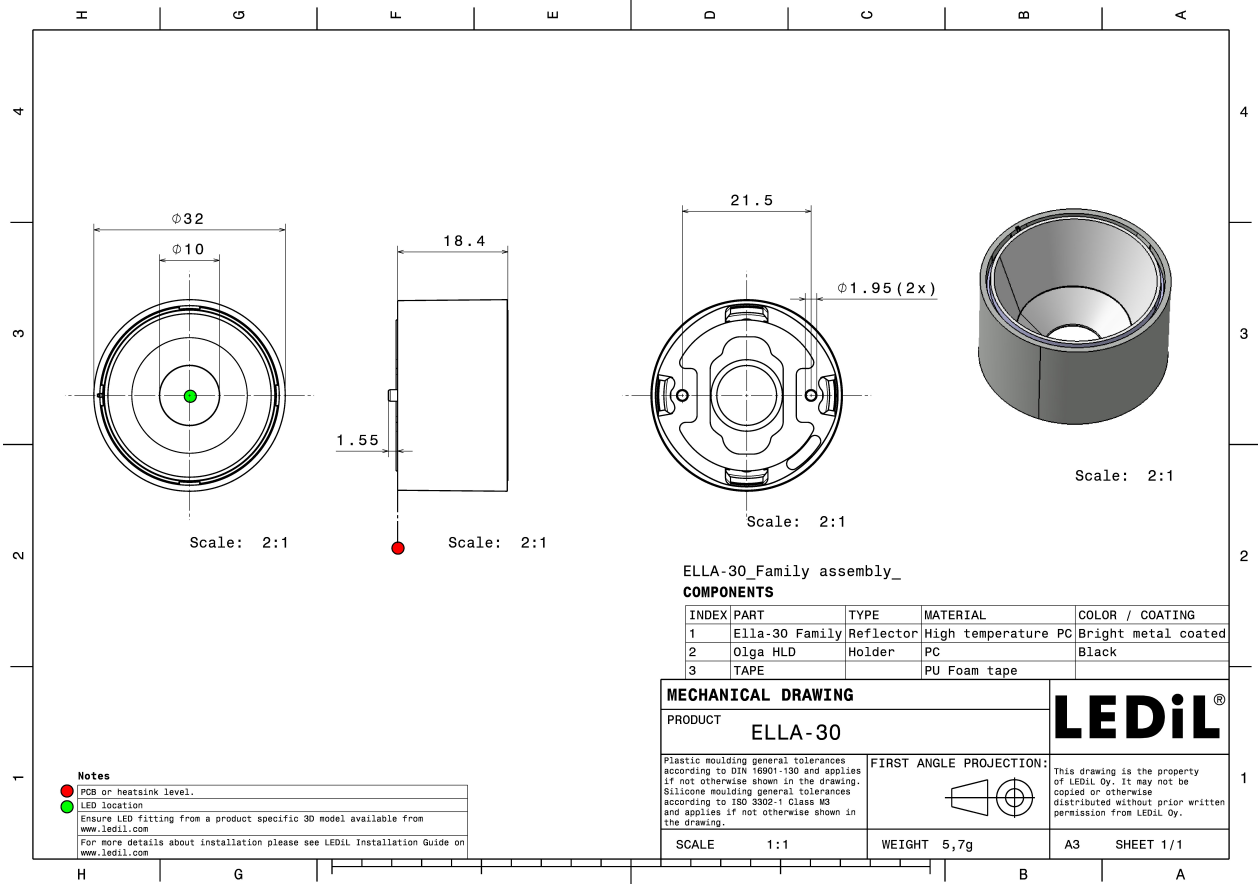
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ELLA-30-M	Reflector	HTPC	metal	
OLGA-HLD	Holder	PC	black	
SPUTNIK-TAPE3	Tape	Acrylic foam	black	



### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA17281_ELLA-30-M	Reflector	792	264	66	5.6
» Box size: 480 x 280 x 300 mm					

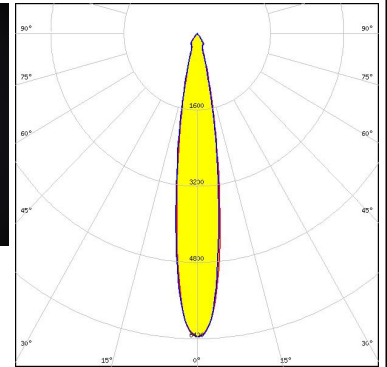


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

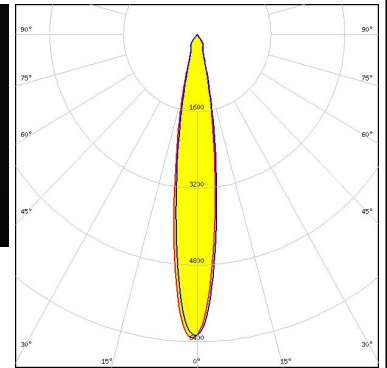
##### CREE LED

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



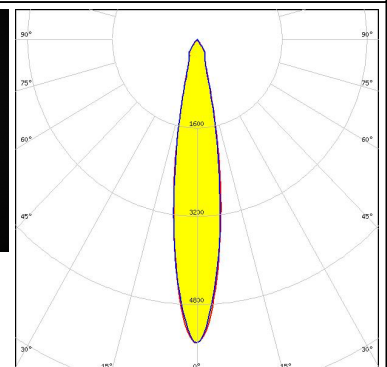
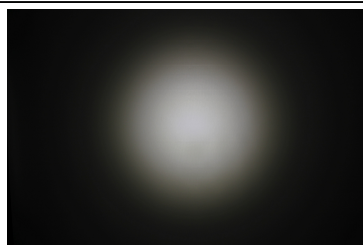
##### CREE LED

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



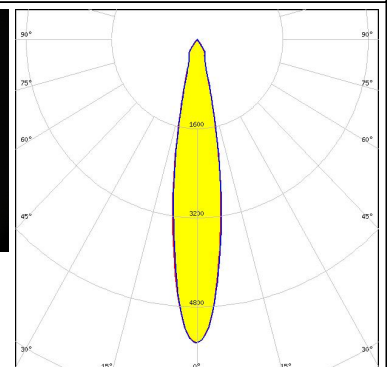
##### LUMILEDS

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 White  
 Required components:



##### NICHIA

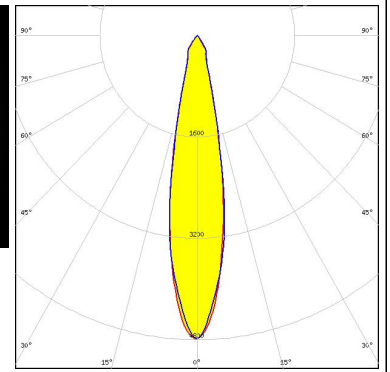
LED NFMW48xA  
 FWHM / FWTM 19.0° / 37.0°  
 Efficiency 91 %  
 Peak intensity 5.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

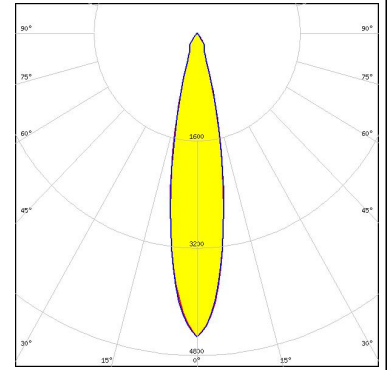
LED Duris S8  
FWHM / FWTM 21.0° / 40.0°  
Efficiency 91 %  
Peak intensity 4.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



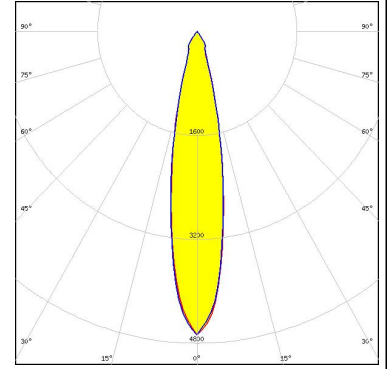
### PHOTOMETRIC DATA (SIMULATED):



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



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



### 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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