

ELLA-30-M

~28° wide beam. Assembly with black holder.

SPECIFICATION:

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

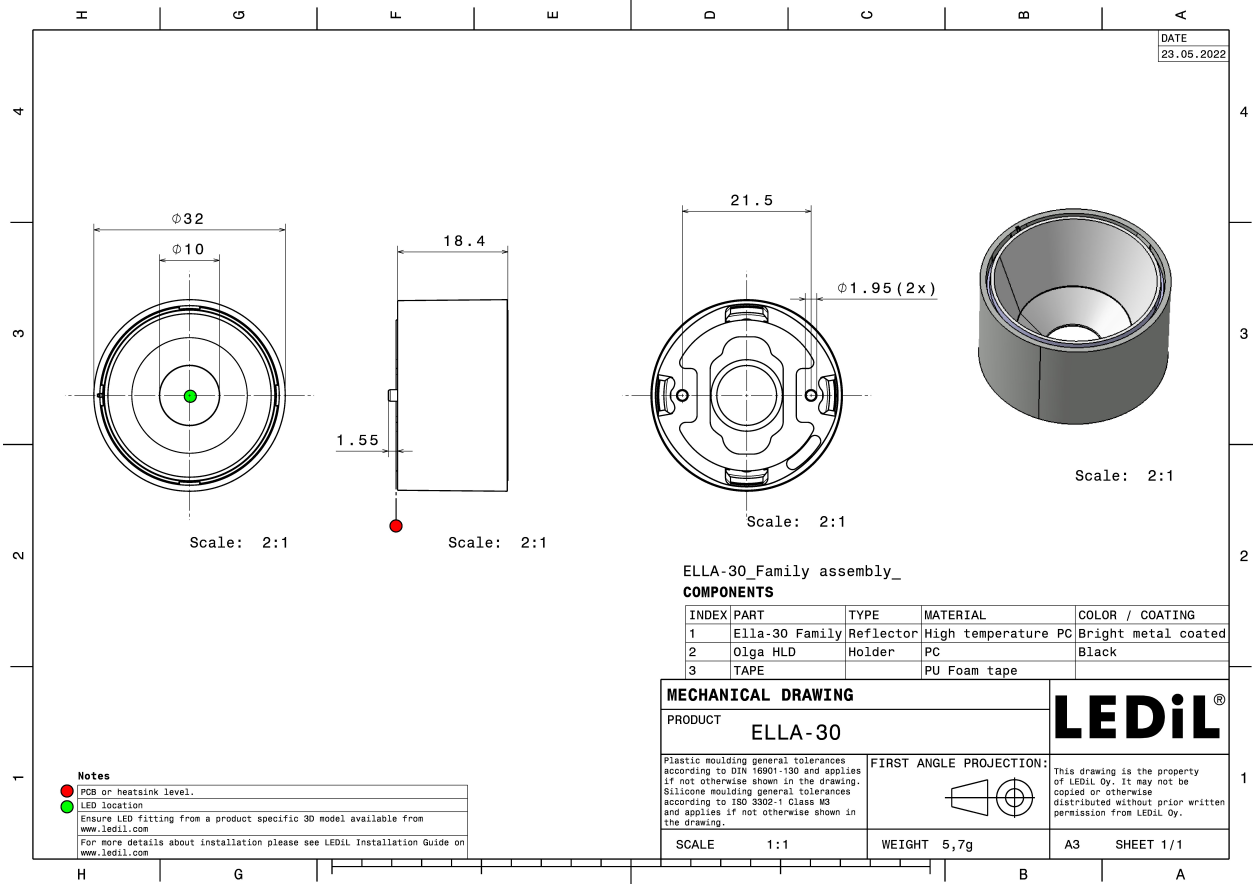
MATERIALS:

Component	Type	Material	Colour	Finish
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					

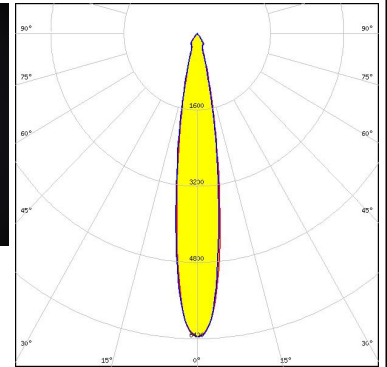


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

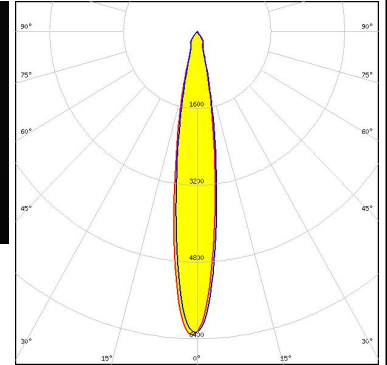
CREE LED

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:



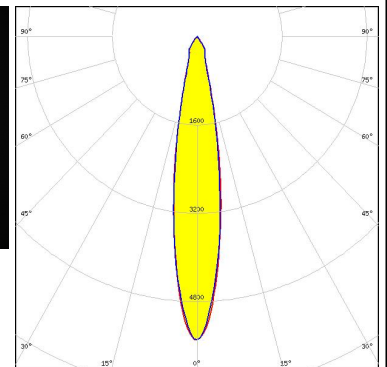
CREE LED

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:



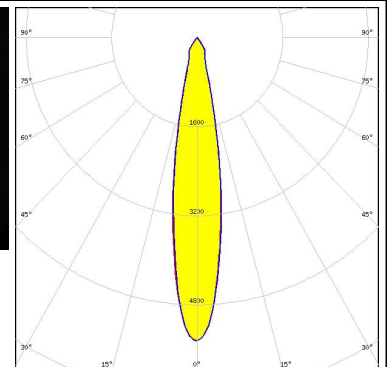
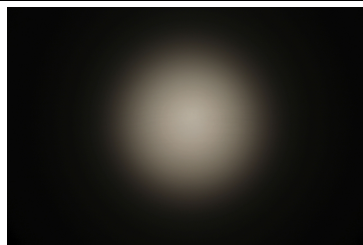
LUMILEDS

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

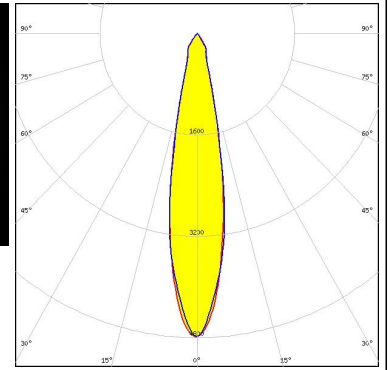
LED NFMW48xA
 FWHM / FWTM 19.0° / 37.0°
 Efficiency 91 %
 Peak intensity 5.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

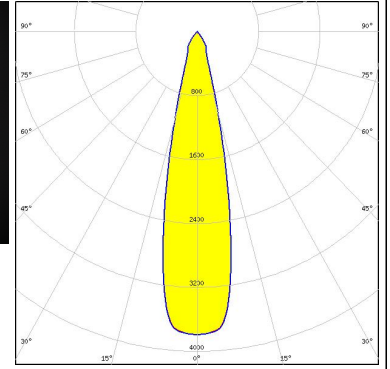
OSRAM
Opto Semiconductors

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

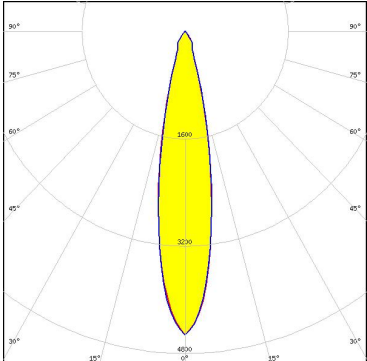
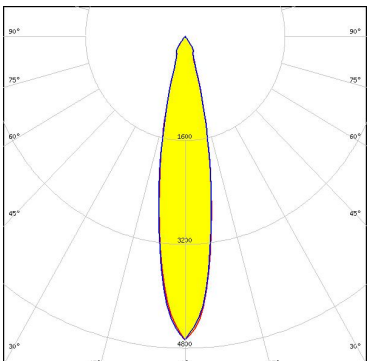
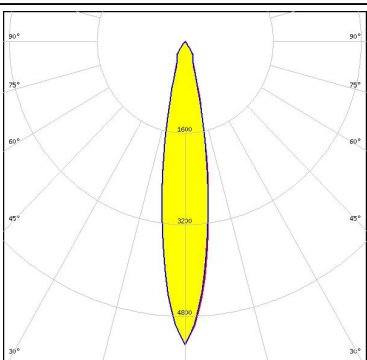


SEOUL
SEOUL SEMICONDUCTOR

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



OPTICAL RESULTS (SIMULATED):

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

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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