

ELLA-30-WW

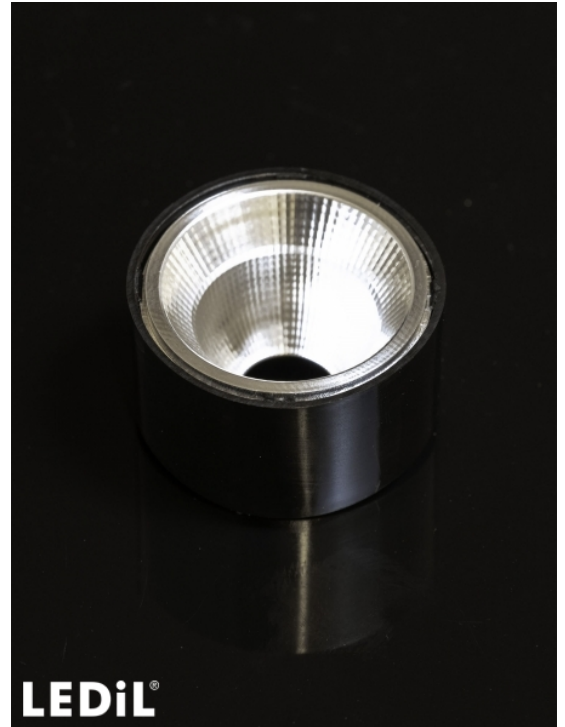
~55° wide beam. Assembly with black holder.

SPECIFICATION:

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

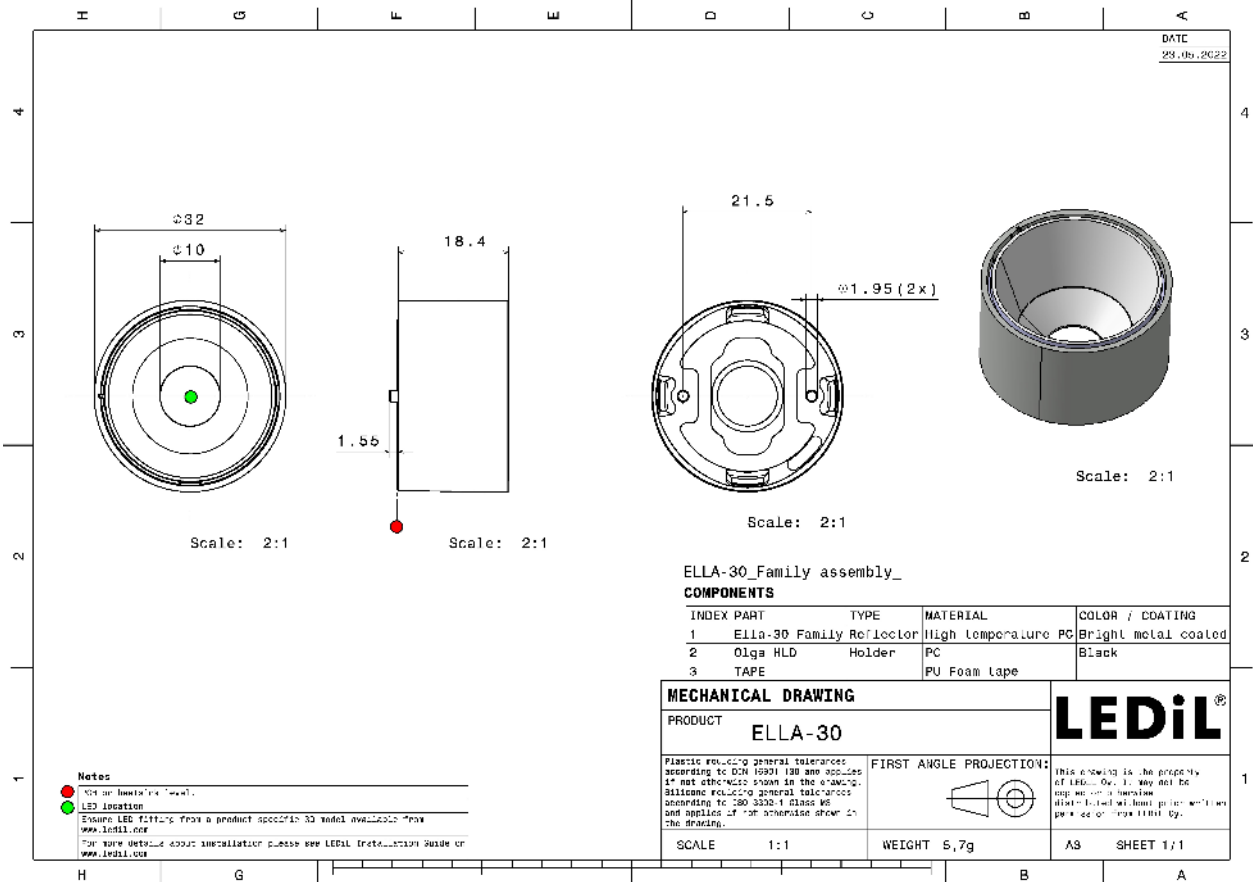
MATERIALS:

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




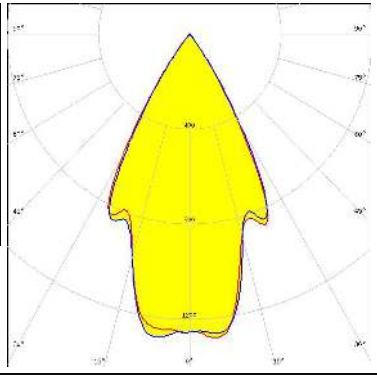

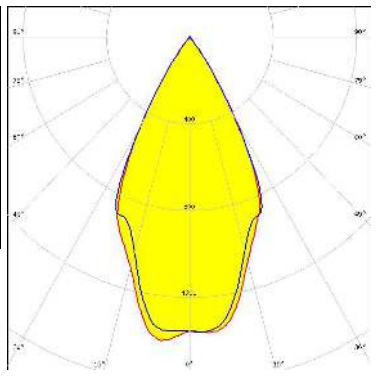
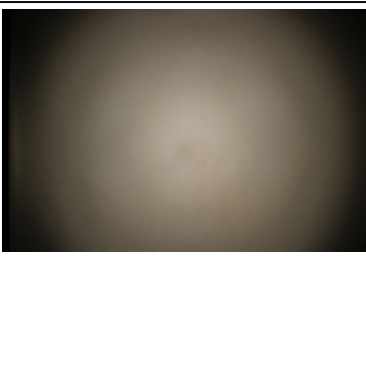
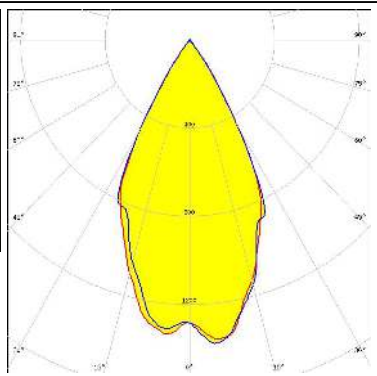
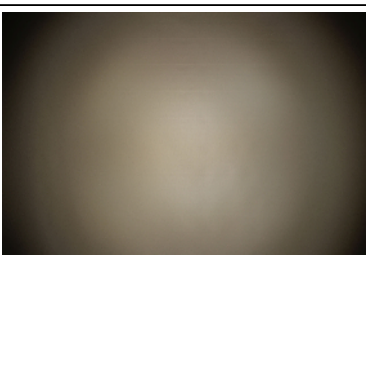
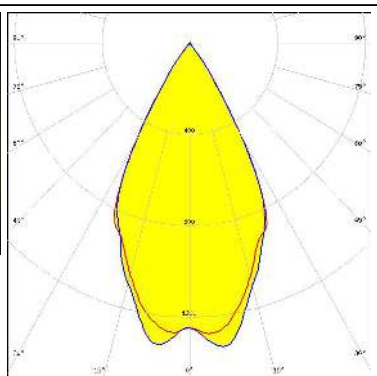
ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA17283_ELLA-30-WW	Reflector	792	264	66	5.8
» Box size: 480 x 280 x 300 mm					

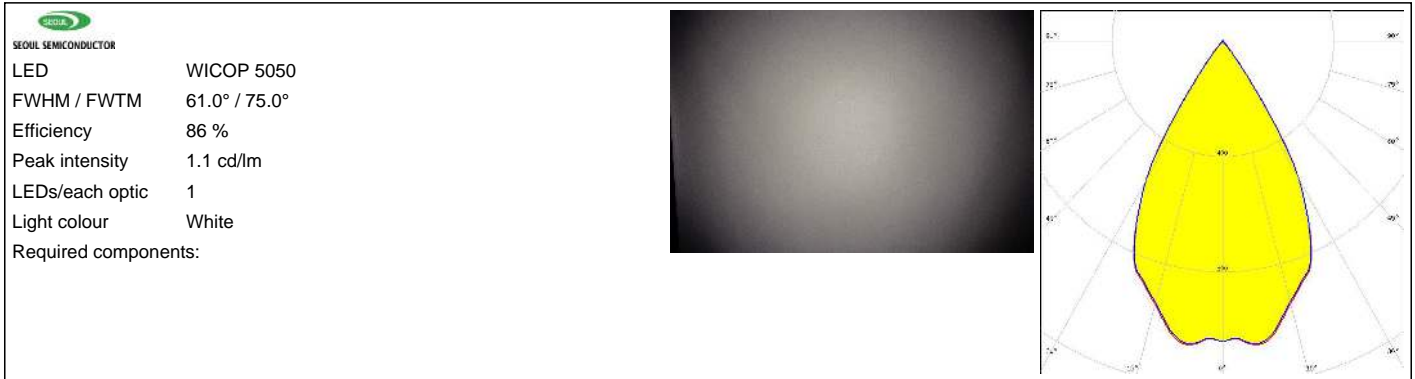


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

<p>CREE LED</p> <p>LED XP-L2 FWHM / FWTM 57.0° / 73.0° Efficiency 86 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON 5050 Square LES FWHM / FWTM 54.0° / 71.0° Efficiency 90 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NFMW48xA FWHM / FWTM 54.0° / 72.0° Efficiency 89 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris S8 FWHM / FWTM 55.0° / 72.0° Efficiency 90 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

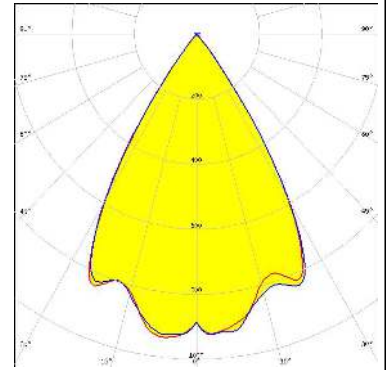
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):

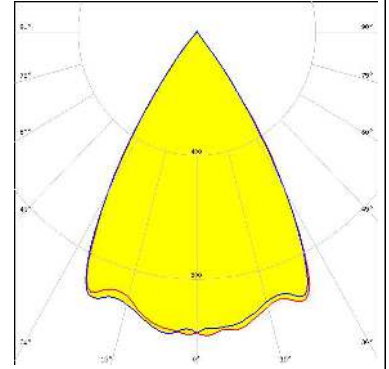
CREE LED

LED XHP35.2 HD
 FWHM / FWTM 63.0° / 76.0°
 Efficiency 85 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



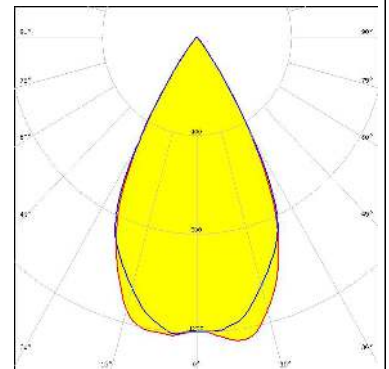
CREE LED

LED XHP50.3 HD
 FWHM / FWTM 63.0 + 64.0° / 76.0°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



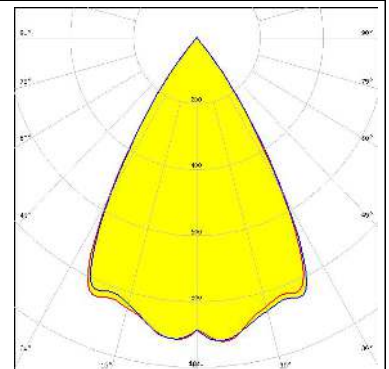
LUMILEDS

LED LUXEON 5050 Round LES
 FWHM / FWTM 56.0° / 72.0°
 Efficiency 89 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

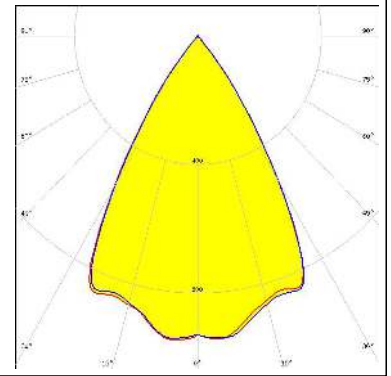
LED LUXEON HL2X
 FWHM / FWTM 62.0° / 78.0°
 Efficiency 88 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LH351C
FWHM / FWTM	62.0° / 78.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	4
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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