

## ELLA-30-W

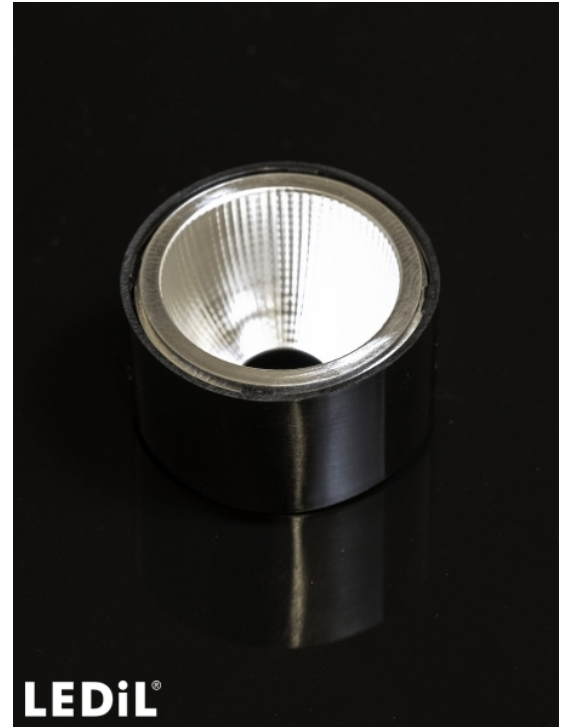
~38° wide beam. Assembly with black holder.

### SPECIFICATION:

Dimensions	Ø 32.0 mm
Height	20 mm
ROHS compliant	yes ⓘ

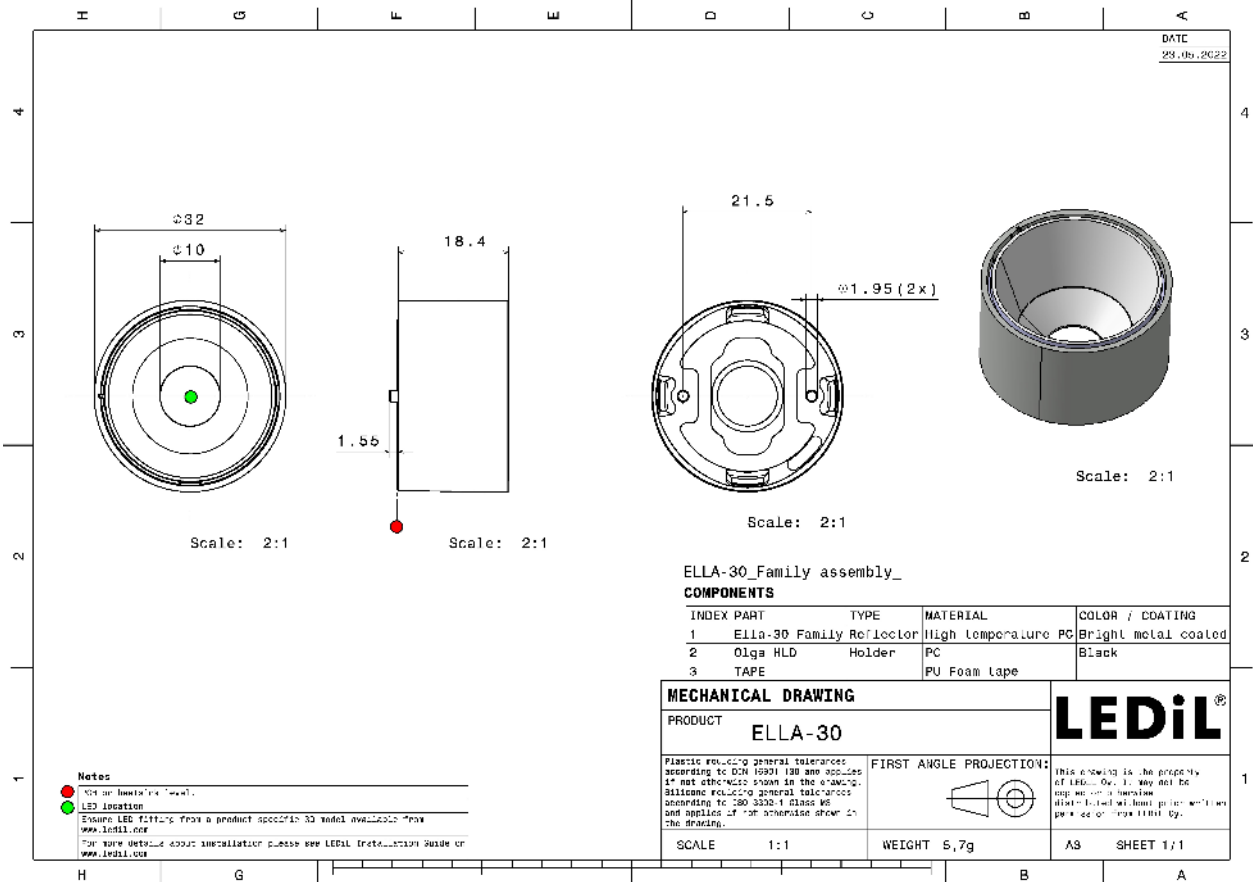
### MATERIALS:

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





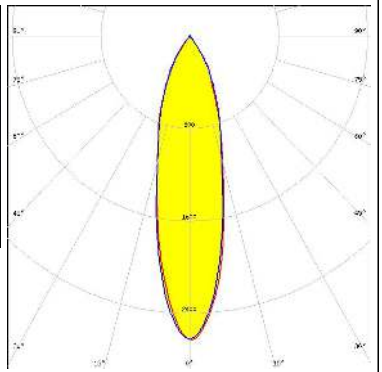


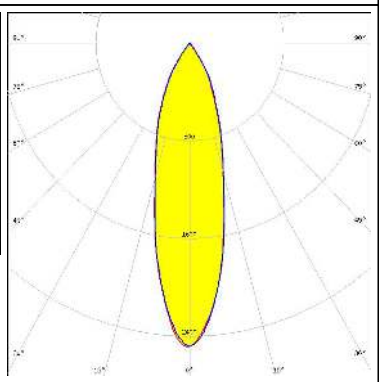

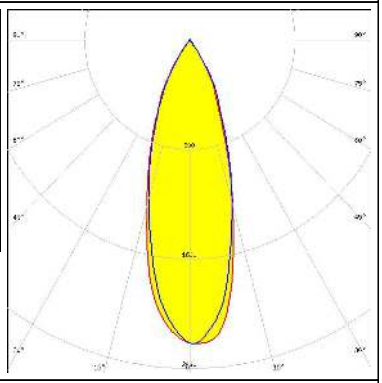

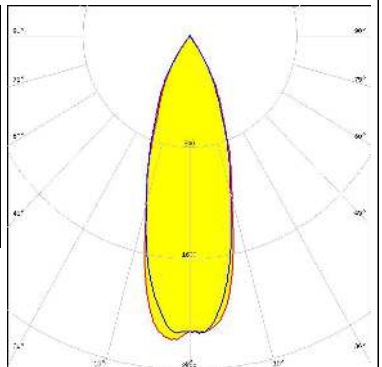
### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA17282_ELLA-30-W	Reflector	792	264	66	5.9
» Box size: 480 x 280 x 300 mm					


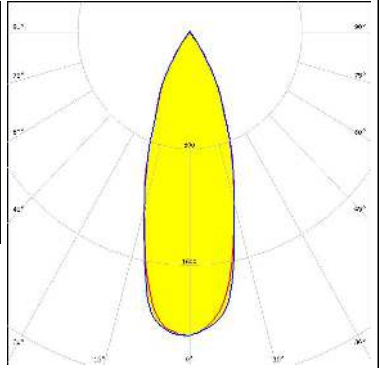

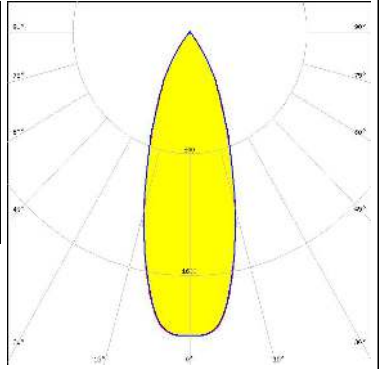


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

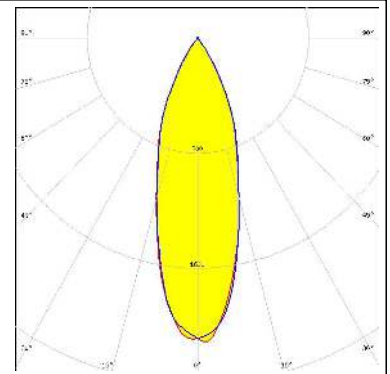
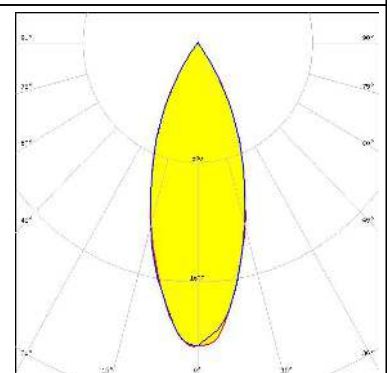
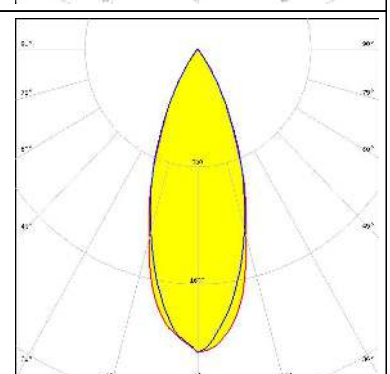
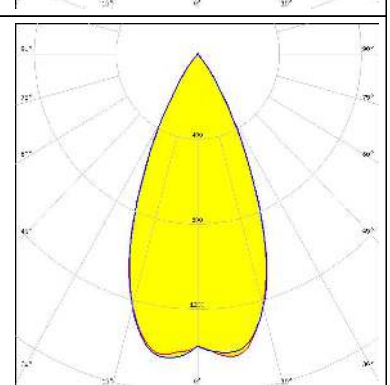
#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b>  LED</p> <p>LED: XHP35 HD            FWHM / FWTM: 26.0° / 65.0°            Efficiency: 87 %            Peak intensity: 2.6 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>CREE</b>  LED</p> <p>LED: XP-L2            FWHM / FWTM: 28.0° / 65.0°            Efficiency: 85 %            Peak intensity: 2.5 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 5050 Square LES            FWHM / FWTM: 33.0° / 65.0°            Efficiency: 88 %            Peak intensity: 2.2 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED: NFMW48xA            FWHM / FWTM: 34.0° / 65.0°            Efficiency: 87 %            Peak intensity: 2.2 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		

## OPTICAL RESULTS (MEASURED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris S8</p> <p>FWHM / FWTM 35.0° / 66.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 2.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED WICOP 5050</p> <p>FWHM / FWTM 35.0° / 66.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

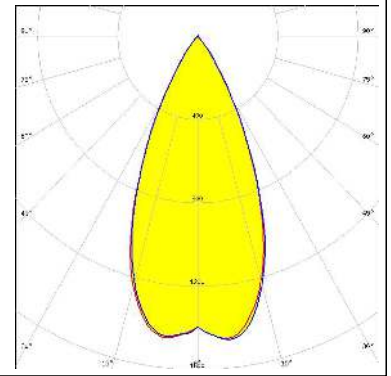
#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> → <b>LED</b></p> <p>LED: XHP35.2 HD            FWHM / FWTM: 32.0° / 65.0°            Efficiency: 85 %            Peak intensity: 2.2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>CREE</b> → <b>LED</b></p> <p>LED: XHP50.3 HD            FWHM / FWTM: 38.0° / 66.0°            Efficiency: 91 %            Peak intensity: 2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 5050 Round LES            FWHM / FWTM: 38.0° / 66.0°            Efficiency: 89 %            Peak intensity: 2.1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON HL2X            FWHM / FWTM: 48.0° / 70.0°            Efficiency: 87 %            Peak intensity: 1.5 cd/lm            LEDs/each optic: 4            Light colour: White            Required components:</p>	

## OPTICAL RESULTS (SIMULATED):

### SAMSUNG

LED	LH351C
FWHM / FWTM	46.0° / 70.0°
Efficiency	87 %
Peak intensity	1.5 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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