

HEIDI-REC-90

~35° + 55° rectangular beam

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	12.9 mm
ROHS compliant	yes ⓘ

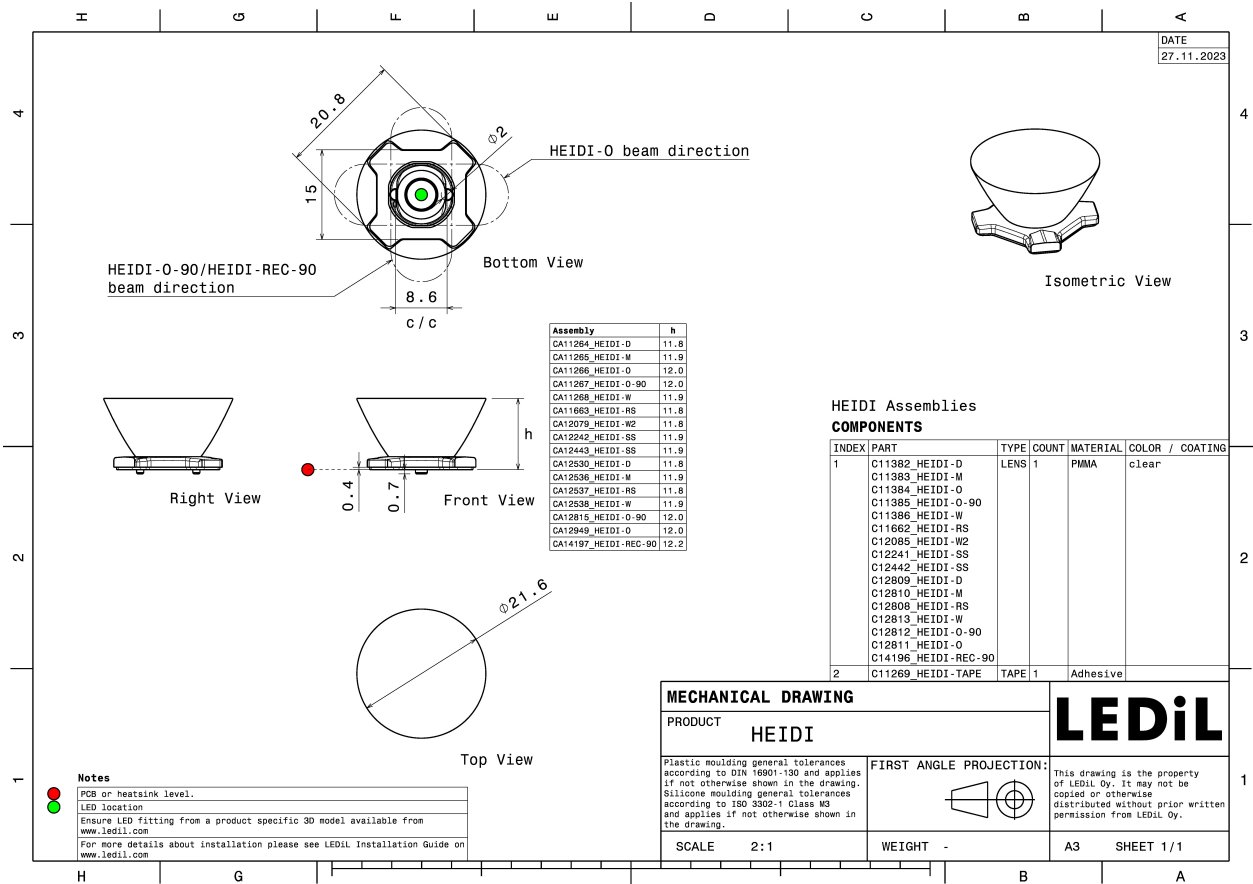
MATERIALS:

Component	Type	Material	Colour	Finish
HEIDI-REC-90	Single lens	PMMA	clear	
HEIDI-TAPE	Tape	Acrylic foam	black	



ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA14197_HEIDI-REC-90	Single lens	3264	204	204	10.4
» Box size: 480 x 280 x 300 mm					

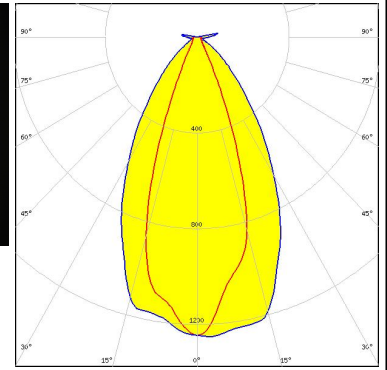
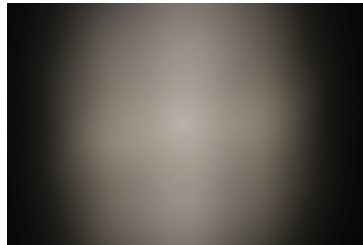


See also our general installation guide: www.ledil.com/installation_guide

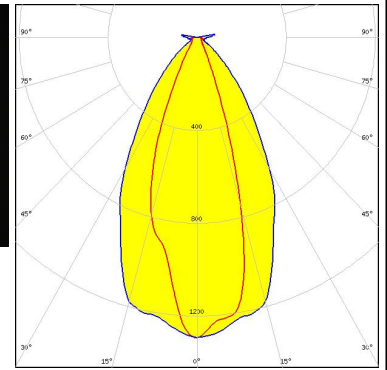
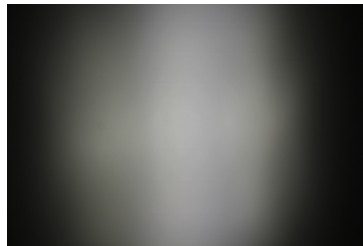
OPTICAL RESULTS (MEASURED):



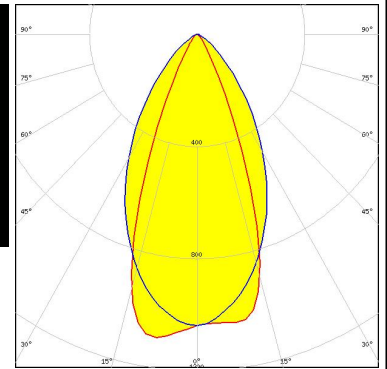
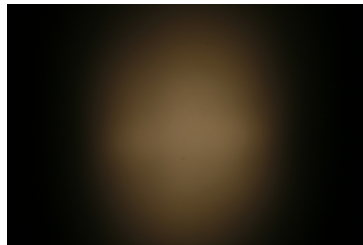
LED XQ-E HD
 FWHM / FWTM 37.0 + 60.0° / 57.0 + 103.0°
 Efficiency 88 %
 Peak intensity 1.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



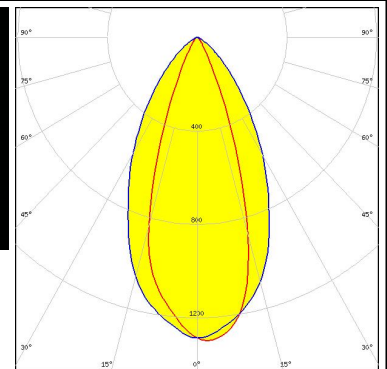
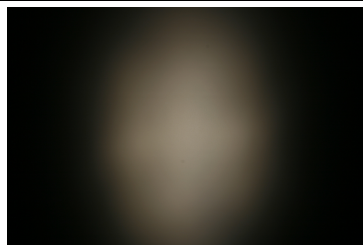
LED XQ-E HI
 FWHM / FWTM 35.0 + 60.0° / 58.0 + 102.0°
 Efficiency 87 %
 Peak intensity 1.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON Rebel
 FWHM / FWTM 42.0 + 59.0° / 63.0 + 103.0°
 Efficiency 78 %
 Peak intensity 1.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSLOM SSL 150
 FWHM / FWTM 36.0 + 57.0° / 57.0 + 100.0°
 Efficiency 78 %
 Peak intensity 1.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:



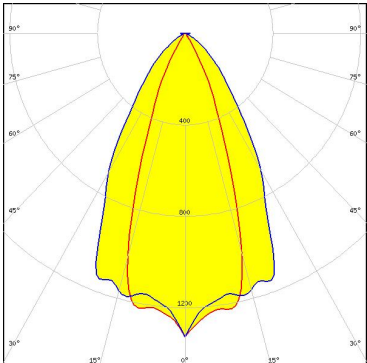
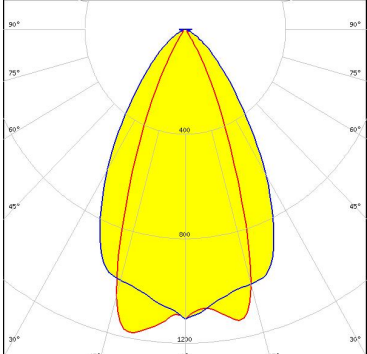
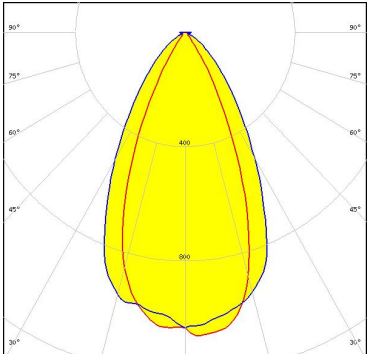
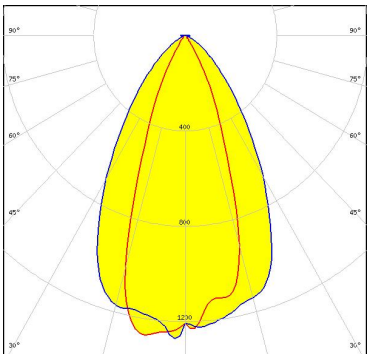
OPTICAL RESULTS (MEASURED):



OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON HL2Z</p> <p>FWHM / FWTM: 44.0 + 60.0° / 66.0 + 103.0°</p> <p>Efficiency: 87 %</p> <p>Peak intensity: 1.1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON SunPlus 20 Line (120 deg)</p> <p>FWHM / FWTM: 35.0 + 56.0° / 61.0 + 100.0°</p> <p>Efficiency: 88 %</p> <p>Peak intensity: 1.5 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON SunPlus 20 Line (150 deg)</p> <p>FWHM / FWTM: 26.0 + 50.0° / 56.0 + 94.0°</p> <p>Efficiency: 83 %</p> <p>Peak intensity: 1.7 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON TX</p> <p>FWHM / FWTM: 42.0 + 59.0° / 65.0 + 101.0°</p> <p>Efficiency: 89 %</p> <p>Peak intensity: 1.1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON Z ES</p> <p>FWHM / FWTM 37.0 + 62.0° / 60.0 + 102.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED NCSxx19A</p> <p>FWHM / FWTM 41.0 + 64.0° / 61.0 + 104.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C</p> <p>FWHM / FWTM 45.0 + 60.0° / 68.0 + 102.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3030</p> <p>FWHM / FWTM 38.0 + 62.0° / 61.0 + 104.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	43.0 + 58.0° / 65.0 + 100.0°
Efficiency	89 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

