

HEIDI-REC-90

~35° + 55° rectangular beam

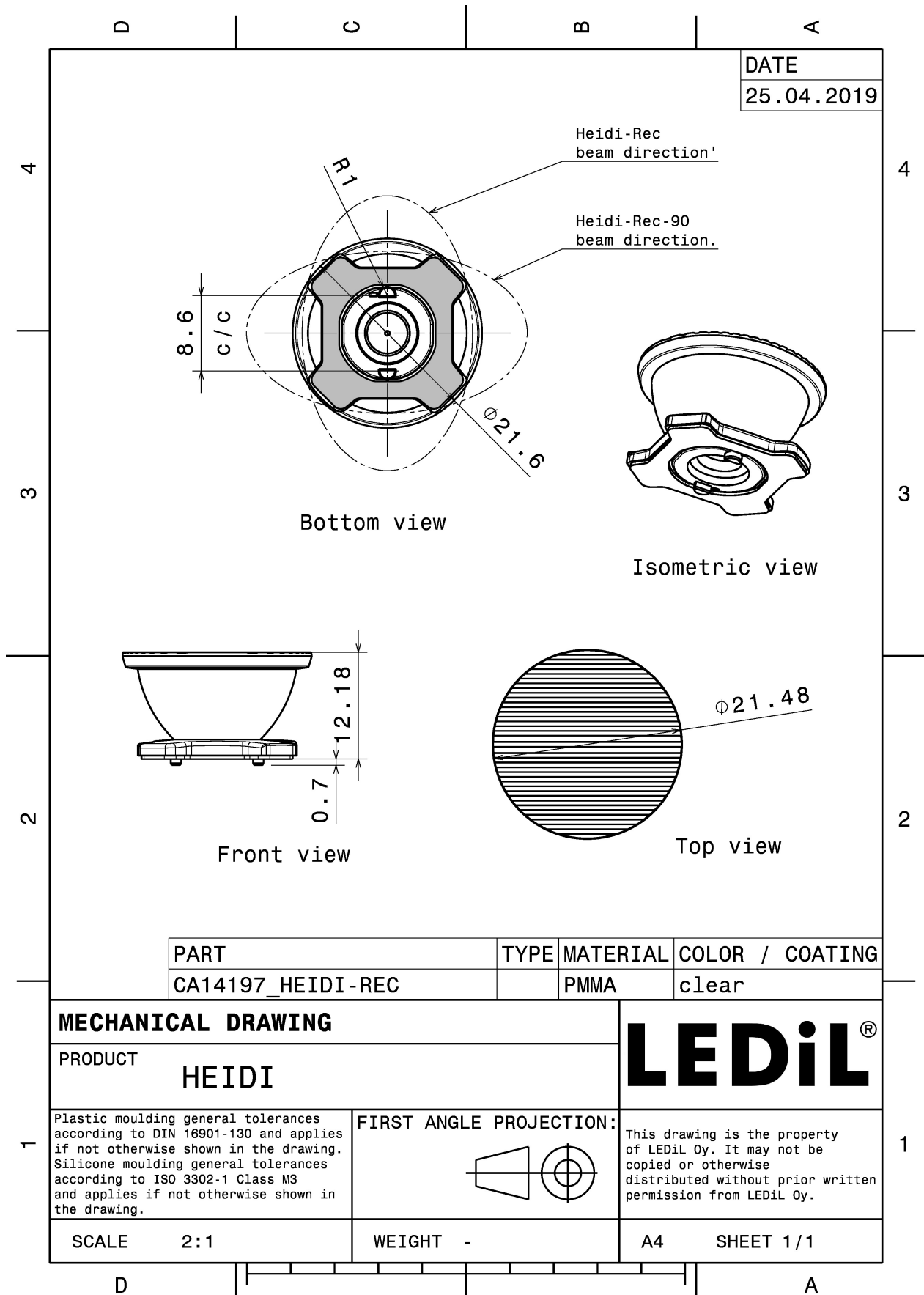
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	12.9 mm
Fastening	
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.4 kg
Quantity in Box	3264 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

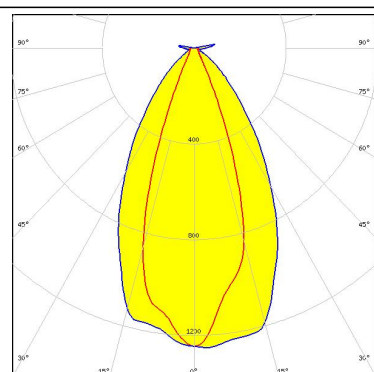
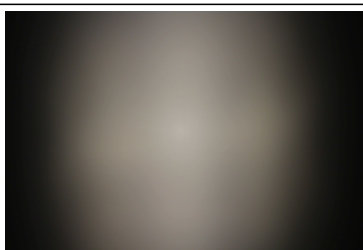
Component	Type	Material	Colour
HEIDI-REC-90	Single lens	PMMA	clear
HEIDI-TAPE	Tape	PU tape	black



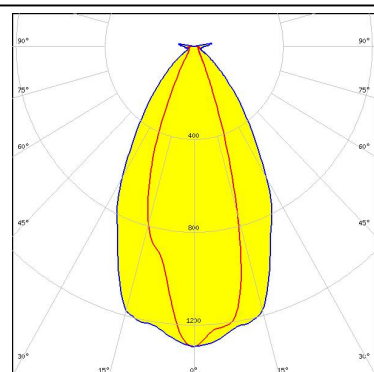
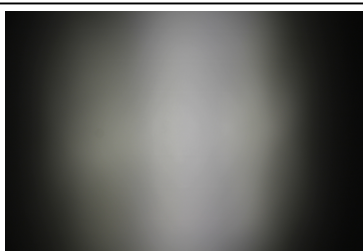
PHOTOMETRIC DATA (MEASURED):



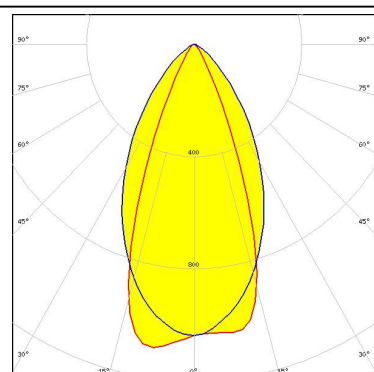
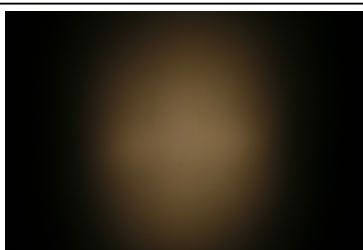
LED XQ-E HD
FWHM 37.0 + 60.0°
Efficiency 88 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



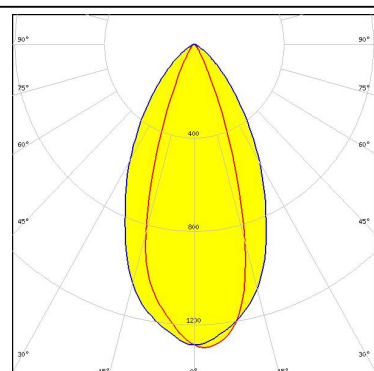
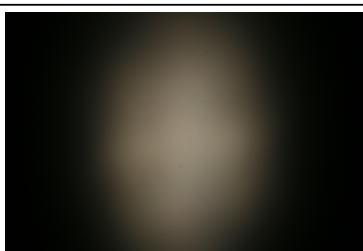
LED XQ-E HI
FWHM 35.0 + 60.0°
Efficiency 87 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Rebel
FWHM 42.0 + 59.0°
Efficiency 78 %
Peak intensity 1.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



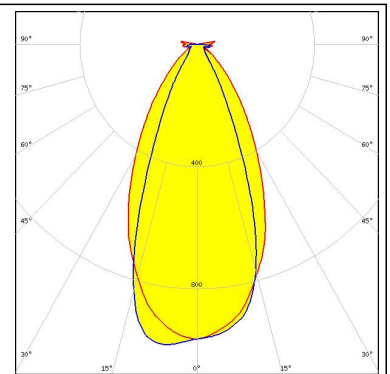
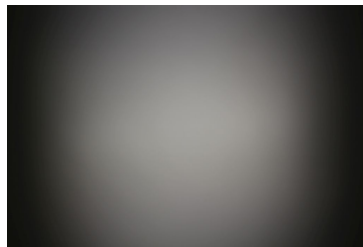
LED OSLOM SSL 150
FWHM 36.0 + 57.0°
Efficiency 78 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):



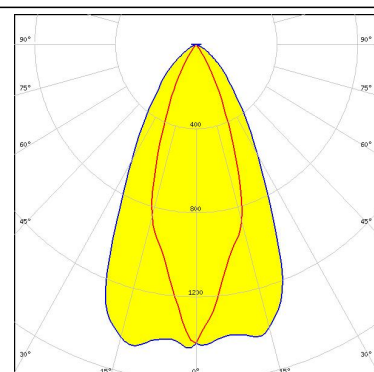
LED Z8Y22P
FWHM 42.0 + 54.0°
Efficiency 88 %
Peak intensity 0.990 cd/lm
LEDs/each optic 1
Light colour White
Required components:



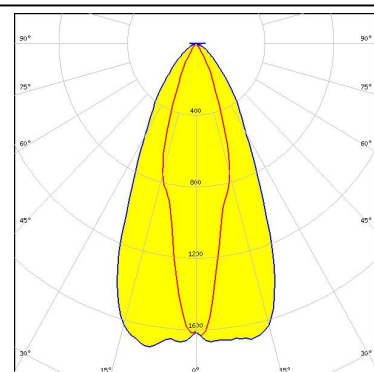
PHOTOMETRIC DATA (SIMULATED):



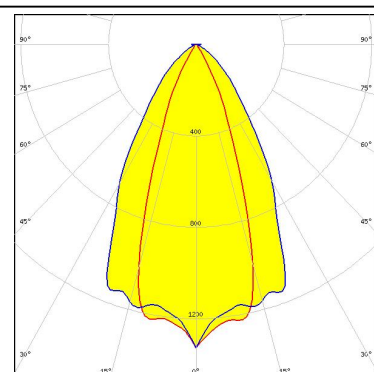
LED LUXEON SunPlus 20 Line (120 deg)
 FWHM 35.0 + 56.0°
 Efficiency 88 %
 Peak intensity 1.466 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



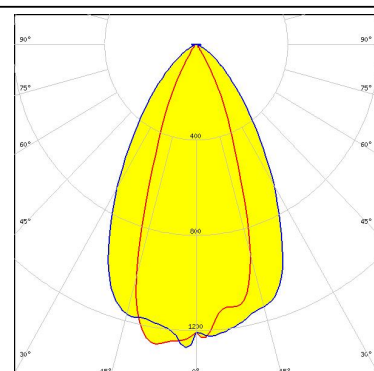
LED LUXEON SunPlus 20 Line (150 deg)
 FWHM 26.0 + 50.0°
 Efficiency 83 %
 Peak intensity 1.718 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON Z ES
 FWHM 37.0 + 62.0°
 Efficiency 89 %
 Peak intensity 1.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSCONIQ P 3030
 FWHM 38.0 + 62.0°
 Efficiency 89 %
 Peak intensity 1.286 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:

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