


## HEIDI-REC-90

~35° + 55° rectangular beam

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	12.9 mm
Fastening	
ROHS compliant	yes 

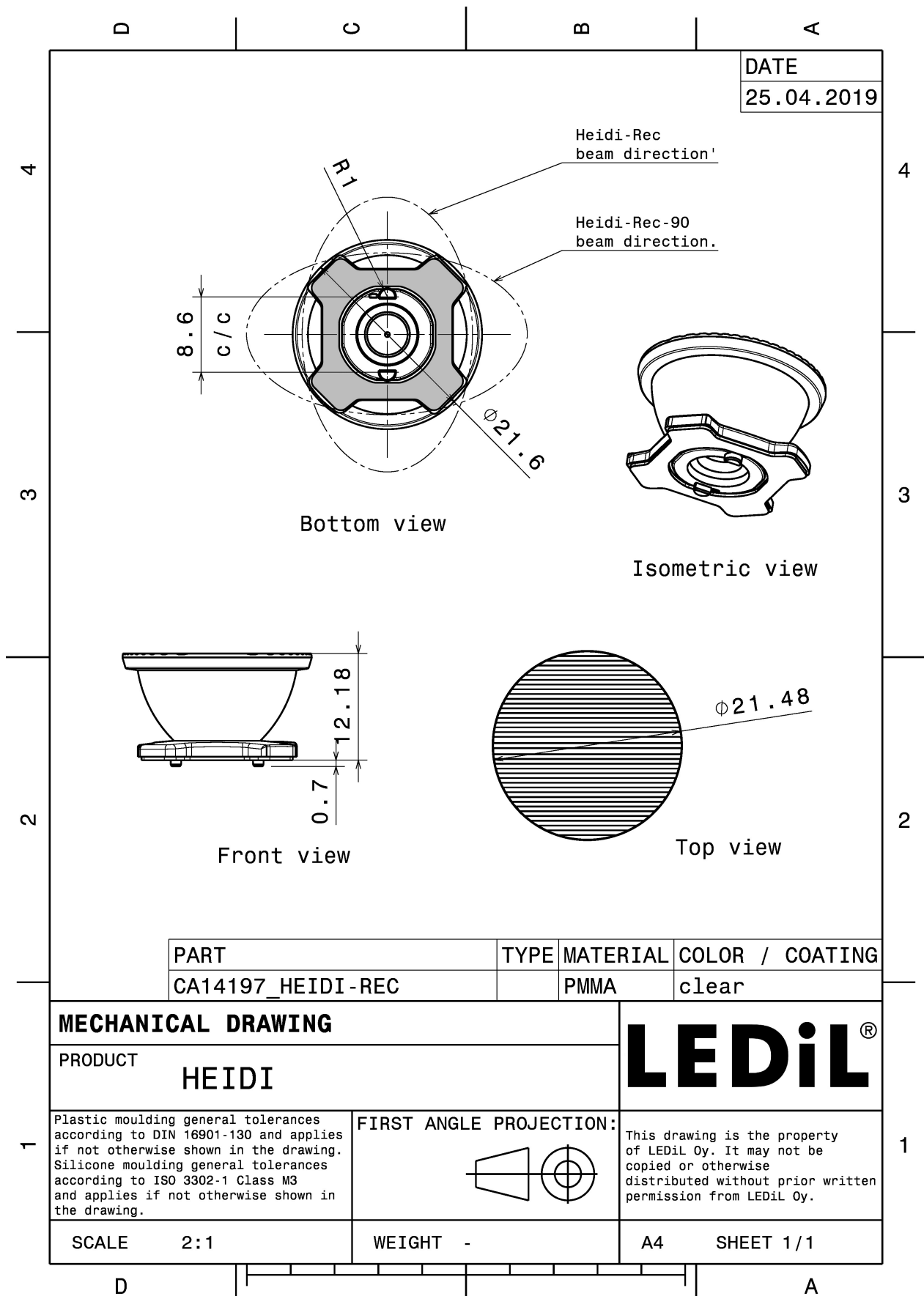
### MATERIAL SPECIFICATIONS:

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



### ORDERING INFORMATION:

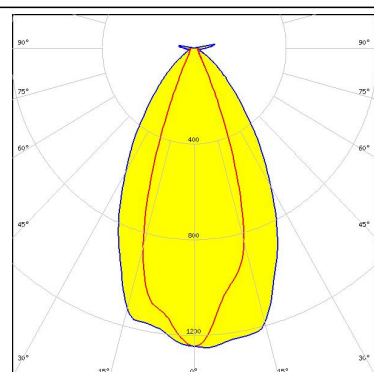
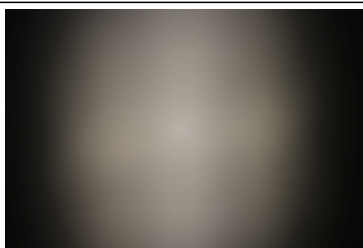
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14197_HEIDI-REC-90	Single lens	3264	204	204	10.4
» Box size: 480 x 280 x 300 mm					



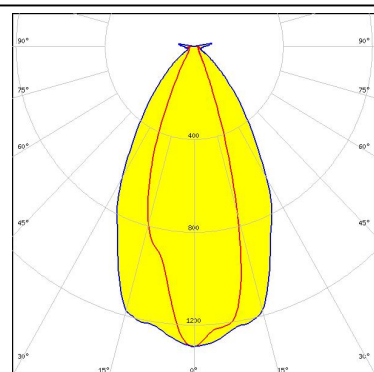
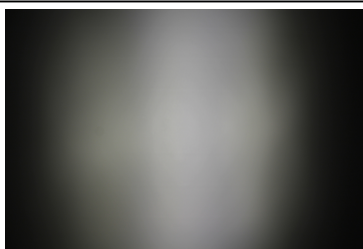
### PHOTOMETRIC DATA (MEASURED):



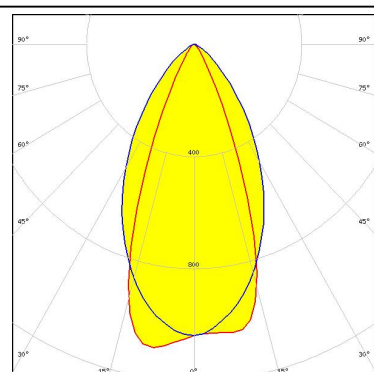
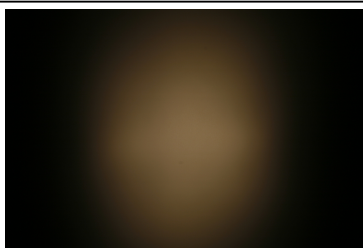
LED XQ-E HD  
FWHM 37.0 + 60.0°  
Efficiency 88 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



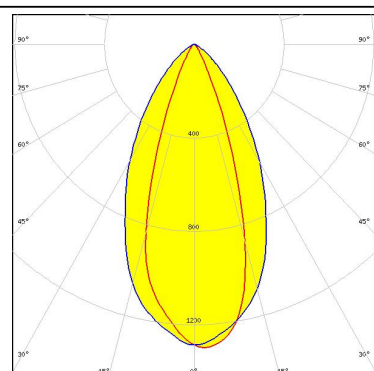
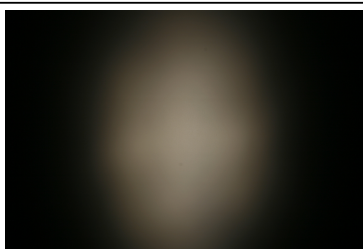
LED XQ-E HI  
FWHM 35.0 + 60.0°  
Efficiency 87 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



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



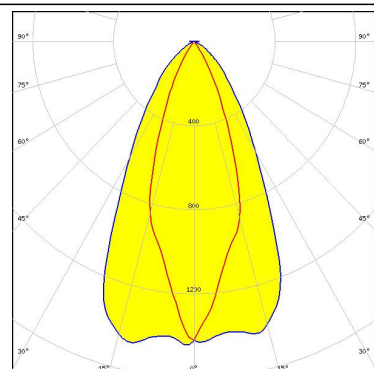
### PHOTOMETRIC DATA (MEASURED):



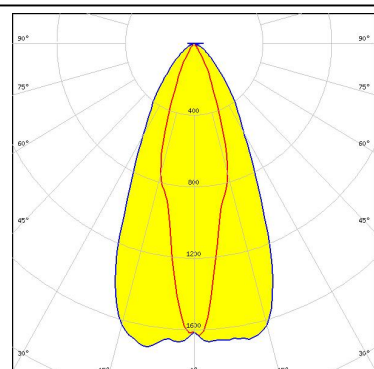
### PHOTOMETRIC DATA (SIMULATED):



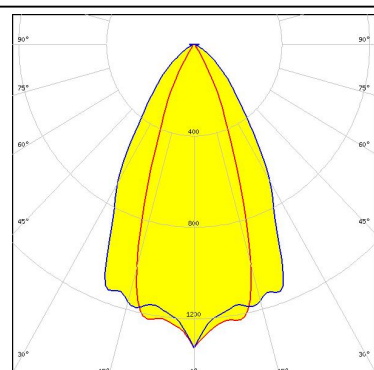
LED LUXEON SunPlus 20 Line (120 deg)  
 FWHM 35.0 + 56.0°  
 Efficiency 88 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



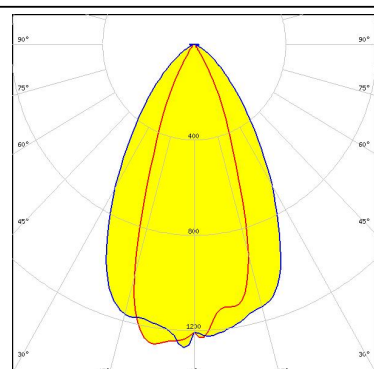
LED LUXEON SunPlus 20 Line (150 deg)  
 FWHM 26.0 + 50.0°  
 Efficiency 83 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON Z ES  
 FWHM 37.0 + 62.0°  
 Efficiency 89 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSCONIQ P 3030  
 FWHM 38.0 + 62.0°  
 Efficiency 89 %  
 Peak intensity 1.3 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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