


## HELENA-B

~25° medium beam

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 72.8 mm
Height	11.1 mm
Fastening	
ROHS compliant	yes 

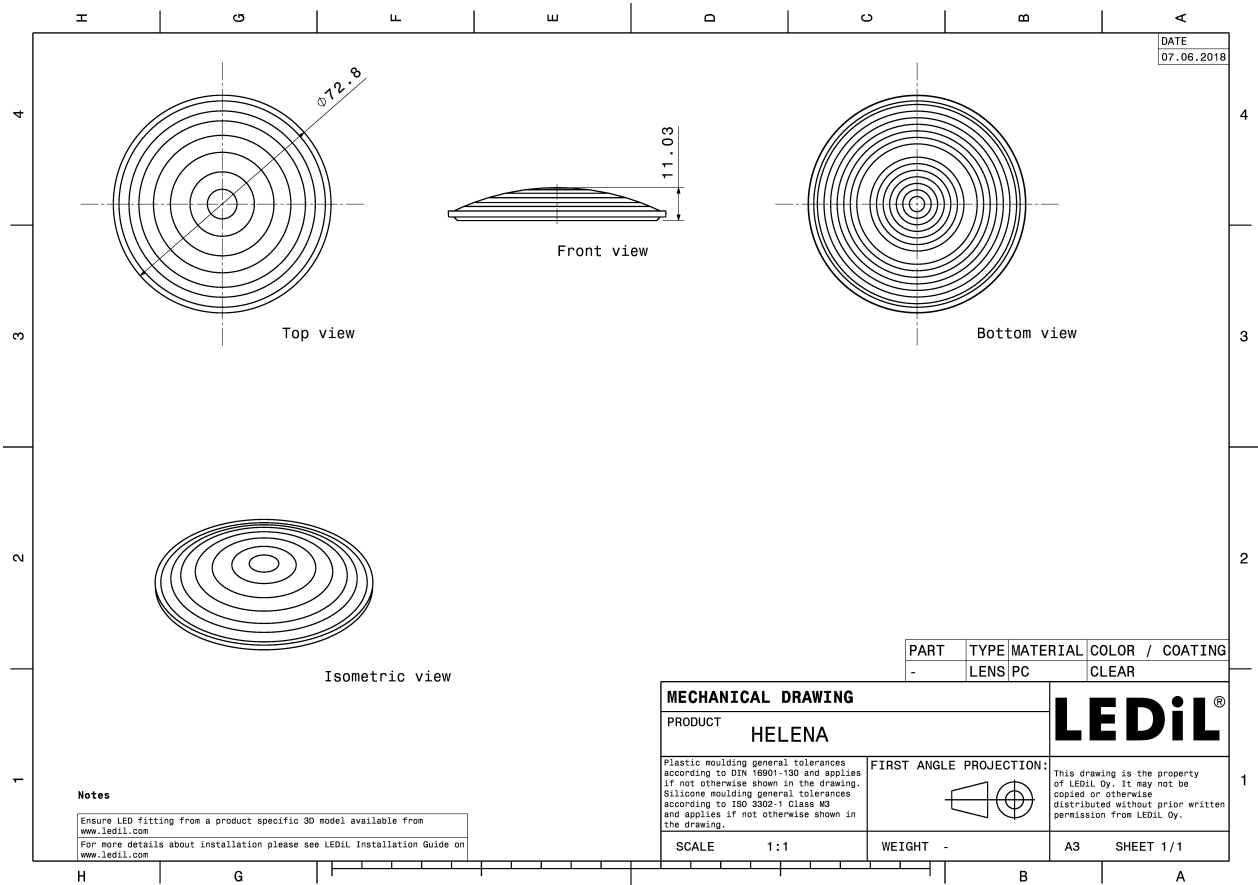
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
HELENA-B	Single lens	PC	clear	



### ORDERING INFORMATION:

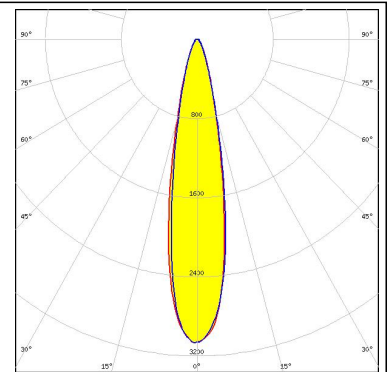
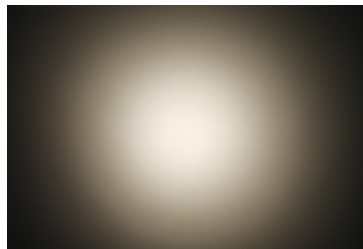
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13254_HELENA-B » Box size: 476 x 273 x 292 mm	420	90	15	9.1



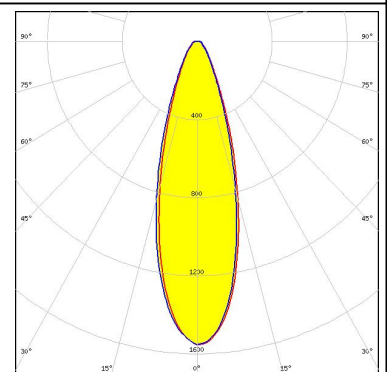
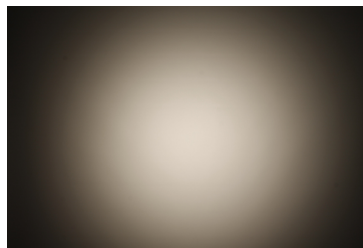
### PHOTOMETRIC DATA (MEASURED):



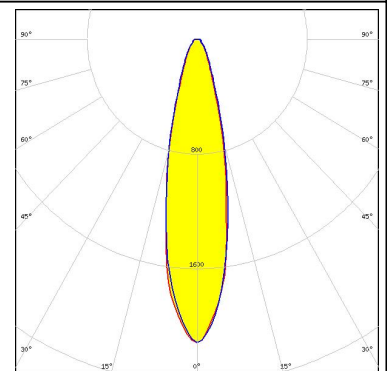
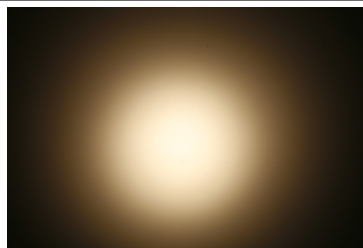
LED CXA/B 15xx  
 FWHM 21.0°  
 Efficiency 74 %  
 Peak intensity 3.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



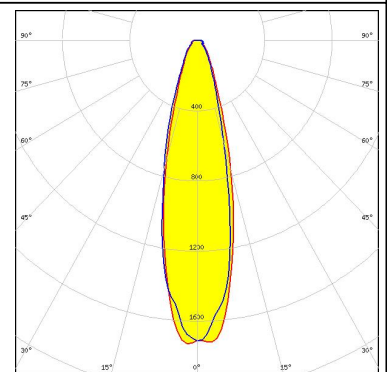
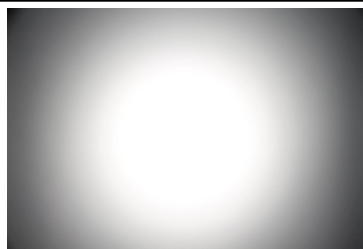
LED CXA/B 25xx  
 FWHM 31.0°  
 Efficiency 75 %  
 Peak intensity 1.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON K12  
 FWHM 24.0°  
 Efficiency 74 %  
 Peak intensity 2.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



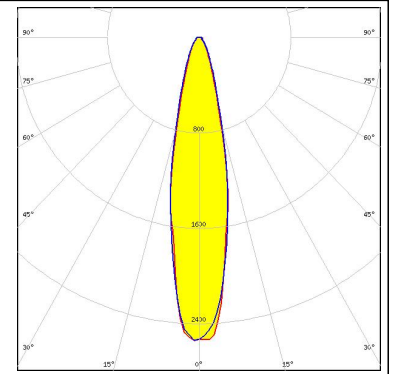
LED LUXEON K16  
 FWHM 27.0°  
 Efficiency 74 %  
 Peak intensity 1.730 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (MEASURED):



LED LUXEON K8  
FWHM 23.0°  
Efficiency 75 %  
Peak intensity 2.550 cd/m  
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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

### 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.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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