

## DARCY-4X1-M

~25° medium beam



### SPECIFICATION:

Dimensions	25.9 x 94.0
Height	21 mm
Fastening	clip, solder clip
ROHS compliant	yes 

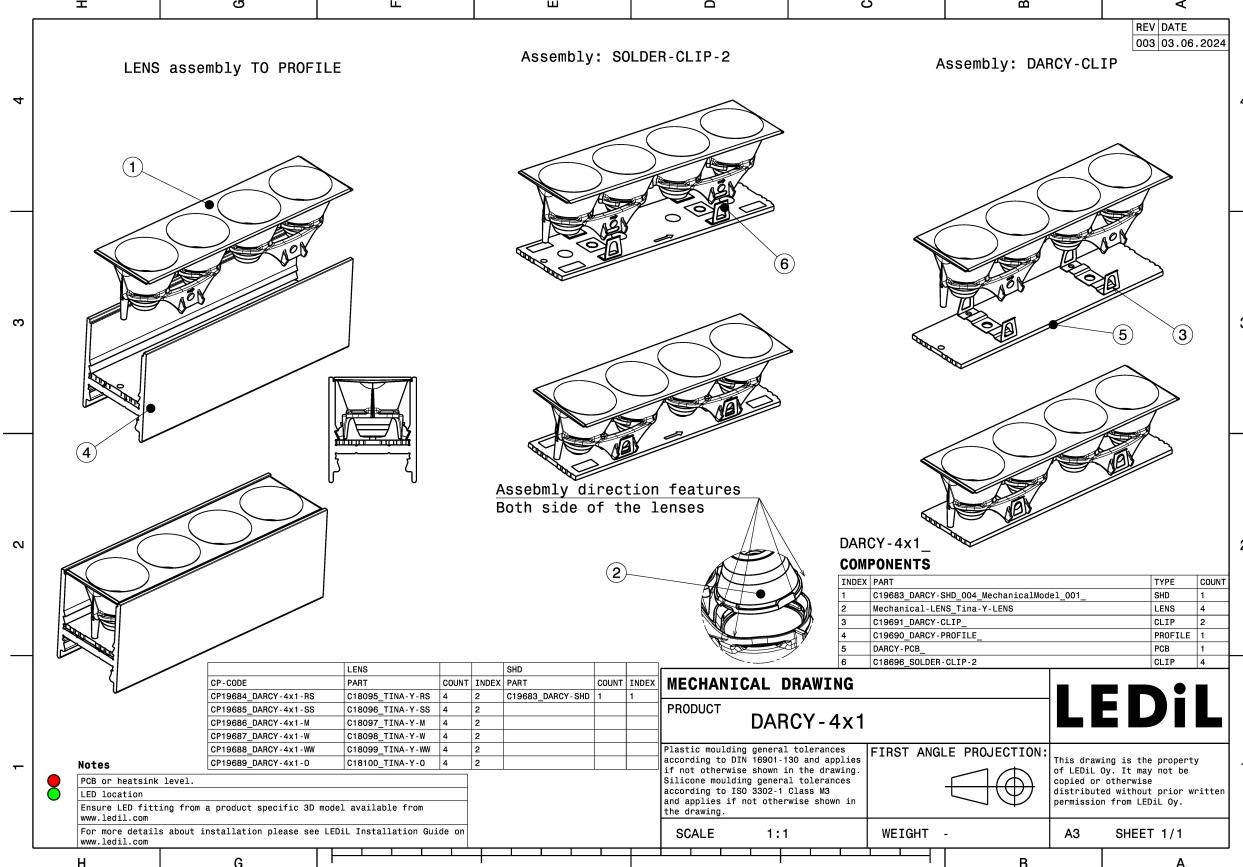
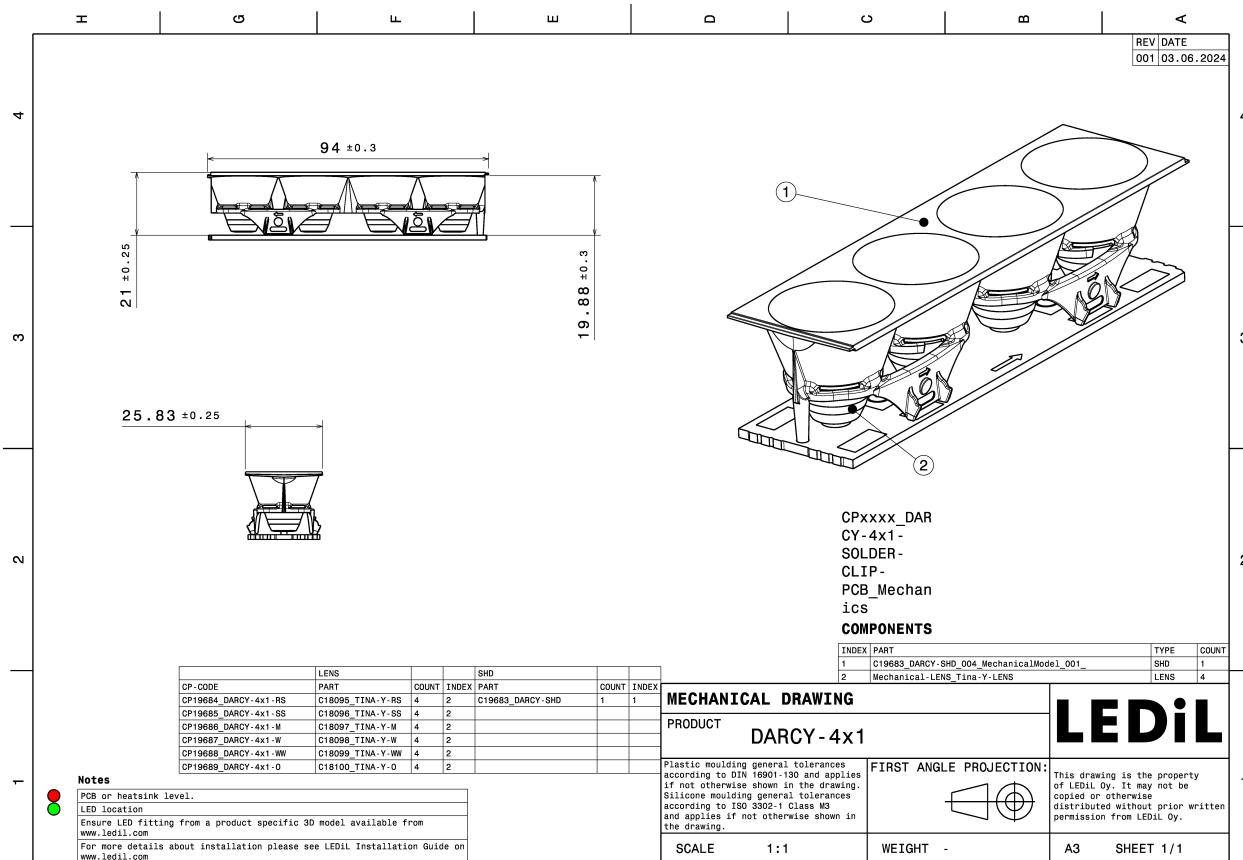
LEDiL®

### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
TINA-Y-M	Single lens	PMMA	clear	gloss	
DARCY-4X1-SHD	Shade	PC-ABS	black	matt	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP19686_DARCY-4X1-M	336	336	28	4.9
» Box size: 480 x 280 x 300 mm				

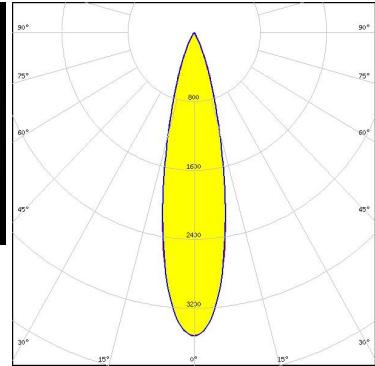
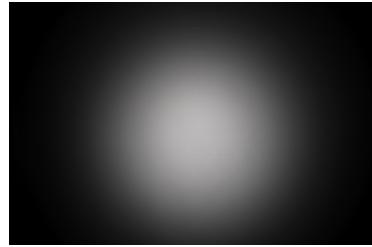


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

## OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM 24.0° / 46.0°  
Efficiency 74 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

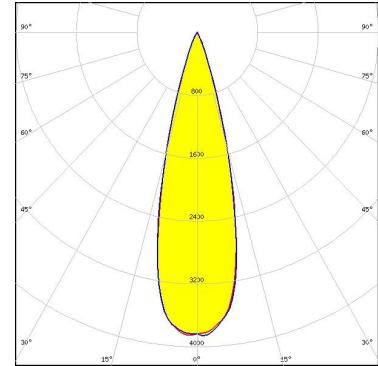


Light distribution files

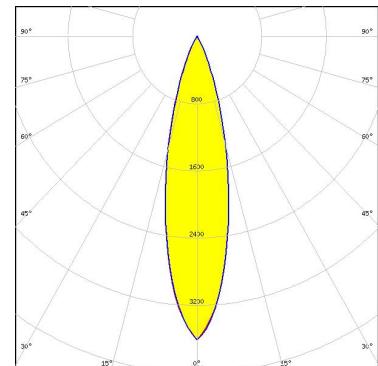
### OPTICAL RESULTS (SIMULATED):



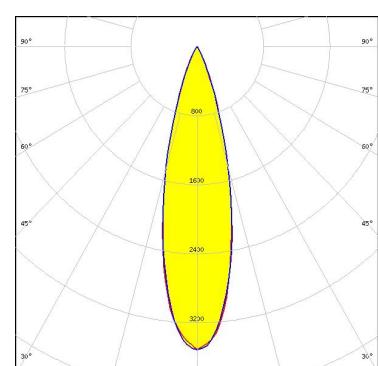
LED XP-E2  
 FWHM / FWTM 28.0° / 44.0°  
 Efficiency 87 %  
 Peak intensity 3.9 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



LED XP-G3  
 FWHM / FWTM 24.0° / 48.0°  
 Efficiency 82 %  
 Peak intensity 3.6 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



LED XP-G4  
 FWHM / FWTM 26.0° / 48.0°  
 Efficiency 82 %  
 Peak intensity 3.5 cd/Im  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

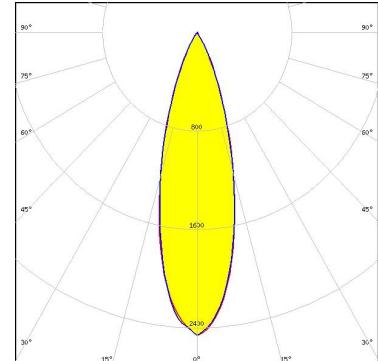


Light distribution files

### OPTICAL RESULTS (SIMULATED):



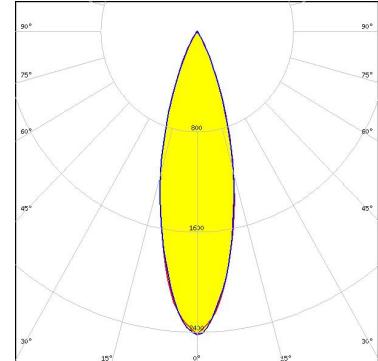
LED XP-L2  
 FWHM / FWTM 30.0° / 54.0°  
 Efficiency 71 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



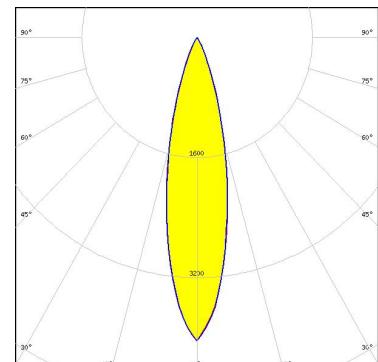
Light distribution files



LED LUXEON 5050 Square LES  
 FWHM / FWTM 30.0° / 54.0°  
 Efficiency 69 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



LED LUXEON HL2X  
 FWHM / FWTM 24.0° / 46.0°  
 Efficiency 86 %  
 Peak intensity 4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

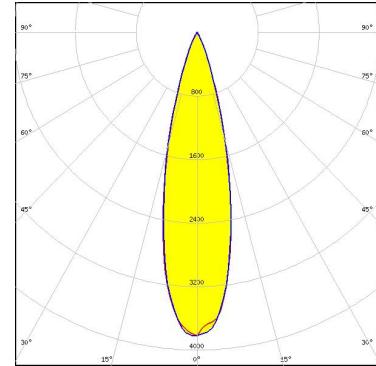


### OPTICAL RESULTS (SIMULATED):

#### OSRAM

Opto Semiconductors

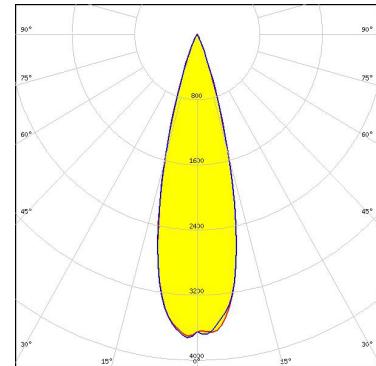
LED OSLON Square EC  
FWHM / FWTM 26.0° / 45.0°  
Efficiency 84 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



#### OSRAM

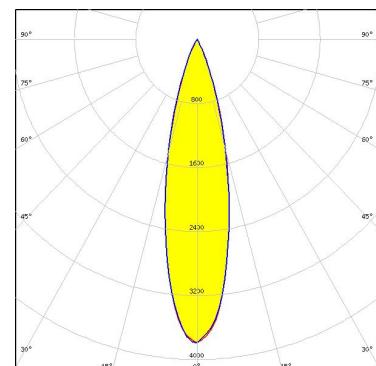
Opto Semiconductors

LED OSLON SSL 150  
FWHM / FWTM 28.0° / 44.0°  
Efficiency 86 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



#### SAMSUNG

LED LH351B  
FWHM / FWTM 25.0° / 46.0°  
Efficiency 83 %  
Peak intensity 3.8 cd/lm  
LEDs/each optic 1  
Light colour/type 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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