

DARCY-4X1-O

~45 + 15° ovat beam

SPECIFICATION:

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

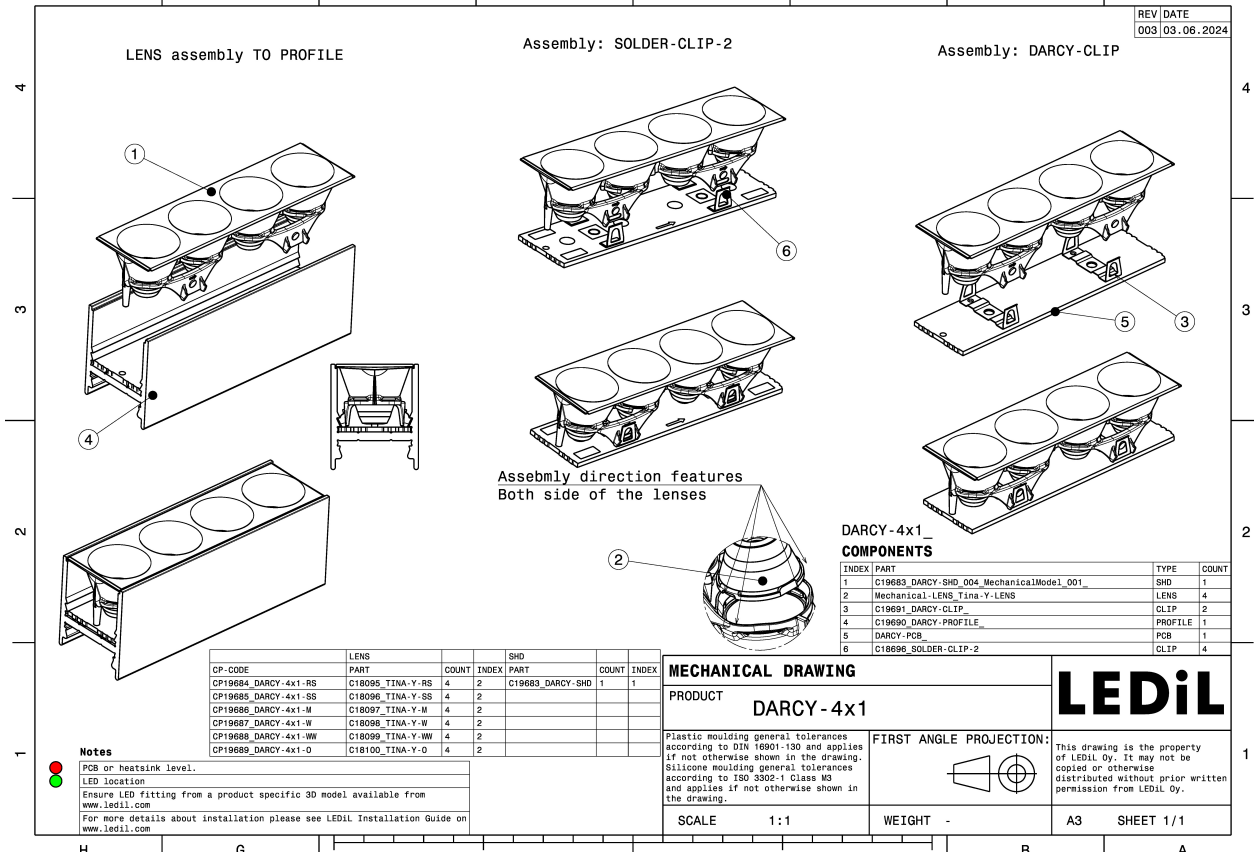
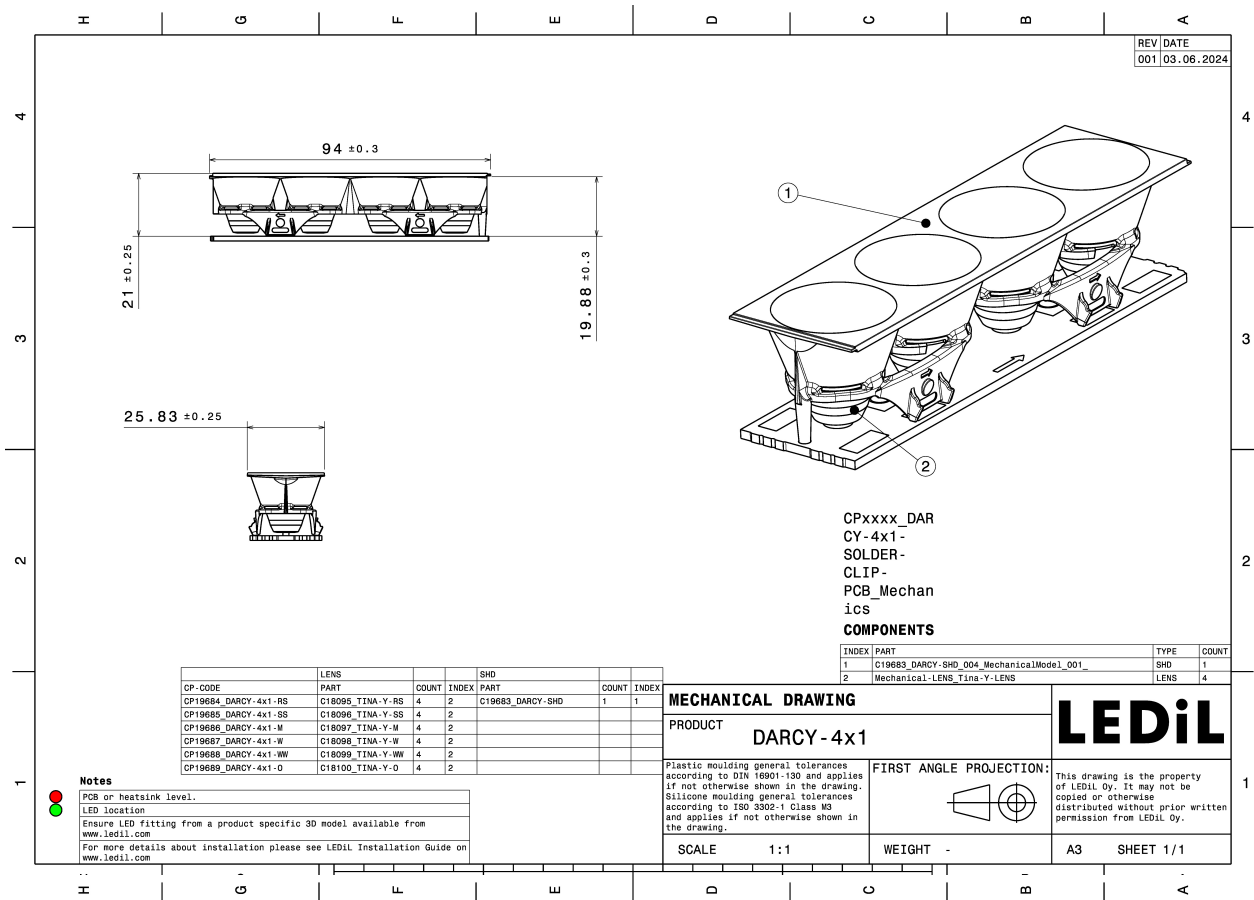
MATERIALS:

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP19689_DARCY-4X1-O » Box size: 480 x 280 x 300 mm	336	336	28	5.1



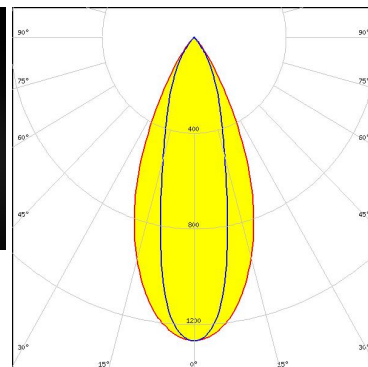
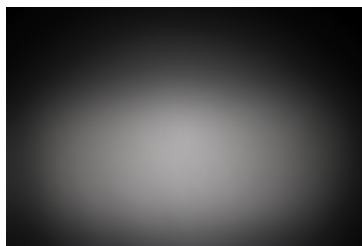


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	45.0 + 26.0° / 72.0 + 62.0°
Efficiency	51 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

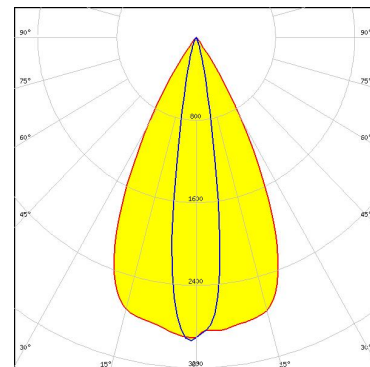


Light distribution files

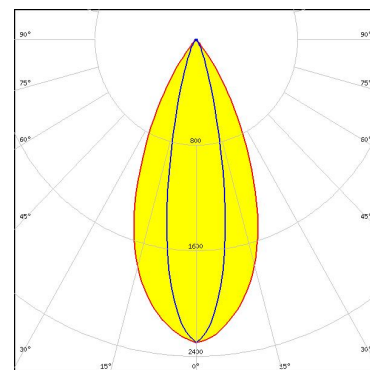
OPTICAL RESULTS (SIMULATED):



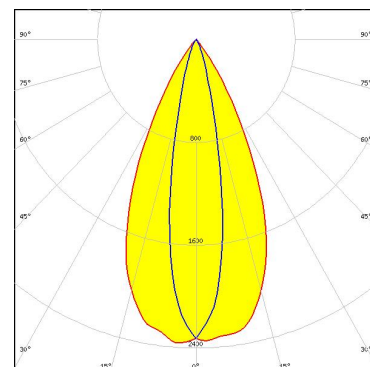
LED XP-E2
 FWHM / FWTM 54.0 + 16.0° / 70.0 + 30.0°
 Efficiency 80 %
 Peak intensity 2.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED XP-G3
 FWHM / FWTM 46.0 + 22.0° / 72.0 + 42.0°
 Efficiency 78 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED XP-G4
 FWHM / FWTM 50.0 + 20.0° / 72.0 + 40.0°
 Efficiency 76 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

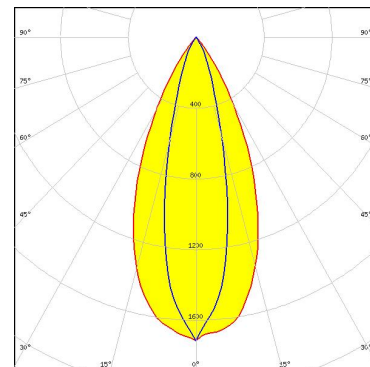


Light distribution files

OPTICAL RESULTS (SIMULATED):



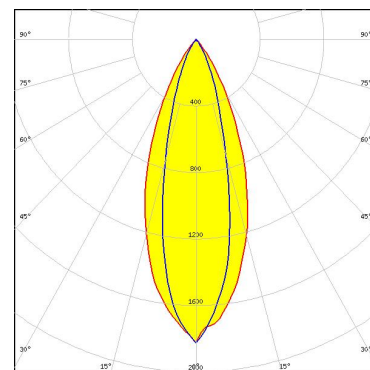
LED XP-L2
 FWHM / FWTM 46.0 + 24.0° / 73.0 + 48.0°
 Efficiency 65 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



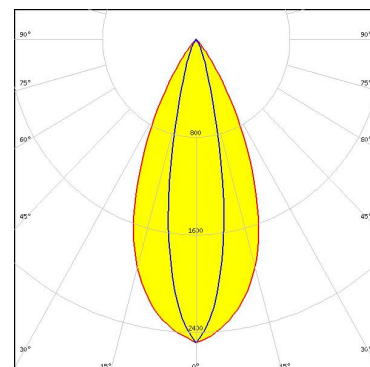
Light distribution files



LED LUXEON 5050 Square LES
 FWHM / FWTM 40.0 + 26.0° / 70.0 + 54.0°
 Efficiency 67 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



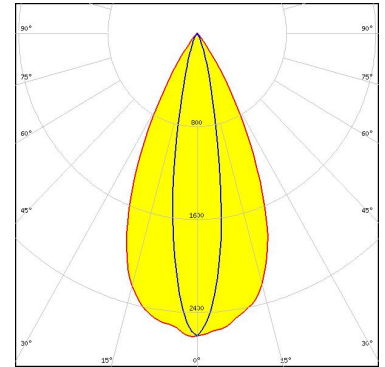
LED LUXEON HL2X
 FWHM / FWTM 46.0 + 22.0° / 72.0 + 40.0°
 Efficiency 80 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



OPTICAL RESULTS (SIMULATED):

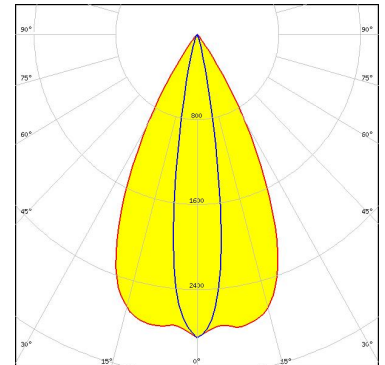
OSRAM
Opto Semiconductors

LED OSLON Square EC
FWHM / FWTM 50.0 + 18.0° / 72.0 + 38.0°
Efficiency 77 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



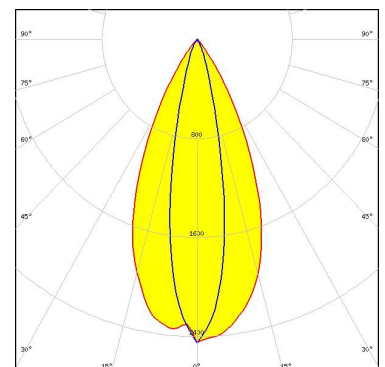
OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 54.0 + 18.0° / 72.0 + 30.0°
Efficiency 81 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



SAMSUNG

LED LH351B
FWHM / FWTM 48.0 + 20.0° / 72.0 + 40.0°
Efficiency 78 %
Peak intensity 2.5 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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