

DARCY-4X1-SS

~16° spot beam



SPECIFICATION:

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

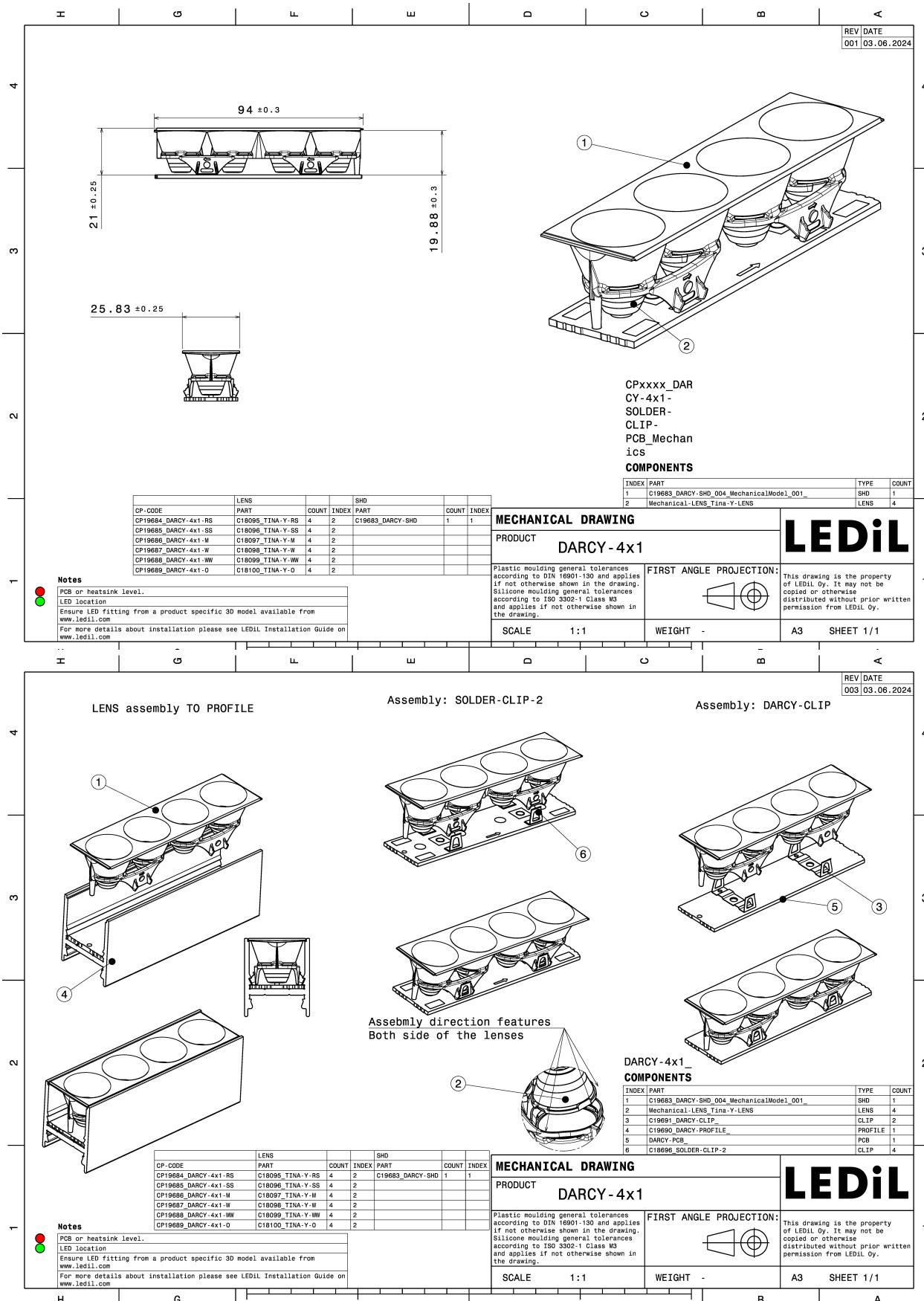
MATERIALS:

LEDiL®

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

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CP19685_DARCY-4X1-SS	336	336	28	4.9
» Box size: 480 x 280 x 300 mm				

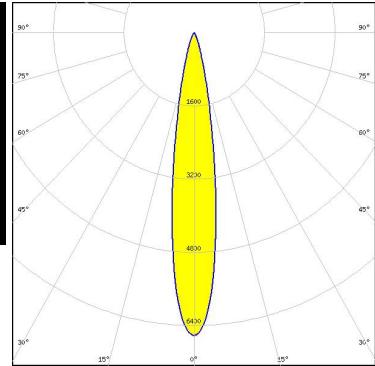
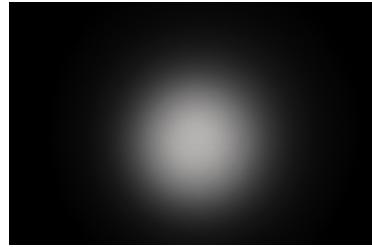


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 17.0° / 34.0°
Efficiency 80 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

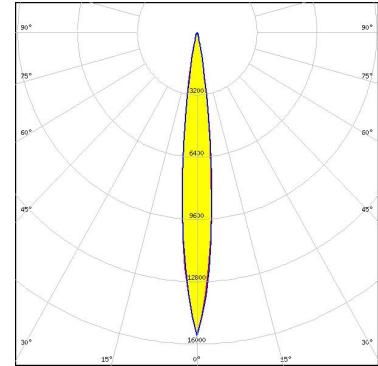


Light distribution files

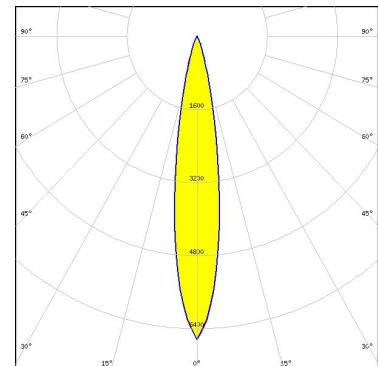
OPTICAL RESULTS (SIMULATED):



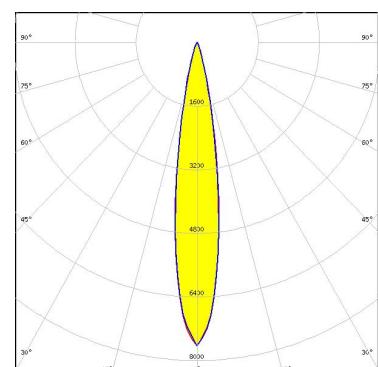
LED XP-E2
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 87 %
 Peak intensity 15.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED XP-G3
 FWHM / FWTM 18.0° / 35.0°
 Efficiency 84 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED XP-G4
 FWHM / FWTM 16.0° / 32.0°
 Efficiency 84 %
 Peak intensity 7.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

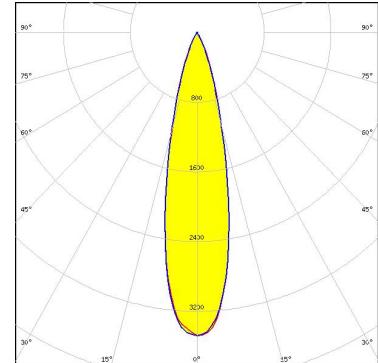


Light distribution files

OPTICAL RESULTS (SIMULATED):



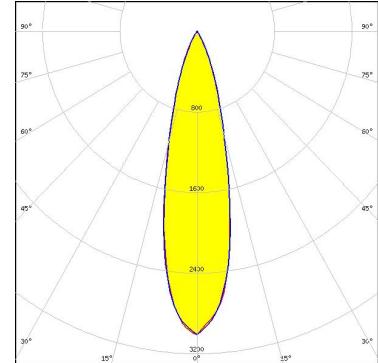
LED XP-L2
 FWHM / FWTM 24.0° / 46.0°
 Efficiency 74 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



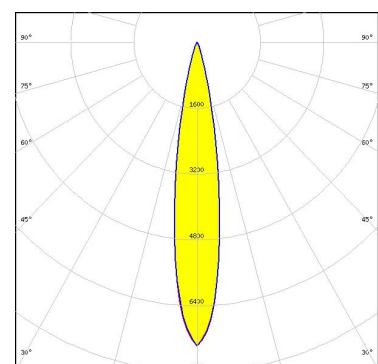
Light distribution files



LED LUXEON 5050 Square LES
 FWHM / FWTM 26.0° / 50.0°
 Efficiency 72 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



LED LUXEON HL2X
 FWHM / FWTM 18.0° / 34.0°
 Efficiency 88 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

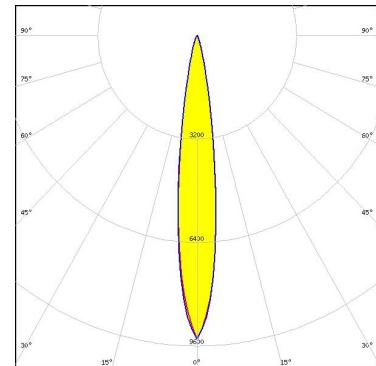


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

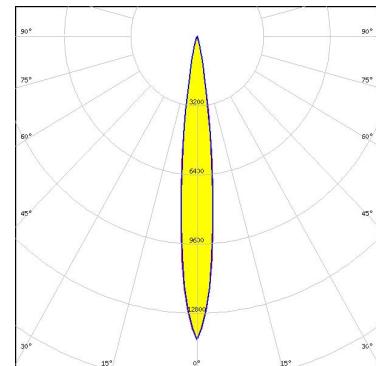
LED	OSLON Square EC
FWHM / FWTM	14.0° / 28.0°
Efficiency	84 %
Peak intensity	9.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



OSRAM

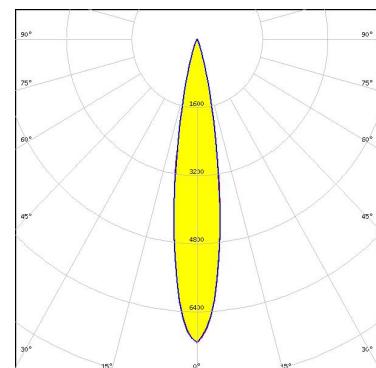
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	12.0° / 24.0°
Efficiency	87 %
Peak intensity	14 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



SAMSUNG

LED	LH351B
FWHM / FWTM	18.0° / 34.0°
Efficiency	85 %
Peak intensity	7.1 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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LEDiL Oy
Joensuunkatu 7
FI-24100 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

**Ledil Optics Technology
(Shenzhen) Co., Ltd.**
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

**Local sales and technical
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