

SPORT-2X2-FT4

Narrow forward throw beam with balanced spill light control and backlight.

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	10.2 mm
Fastening	screw
ROHS compliant	yes ⓘ

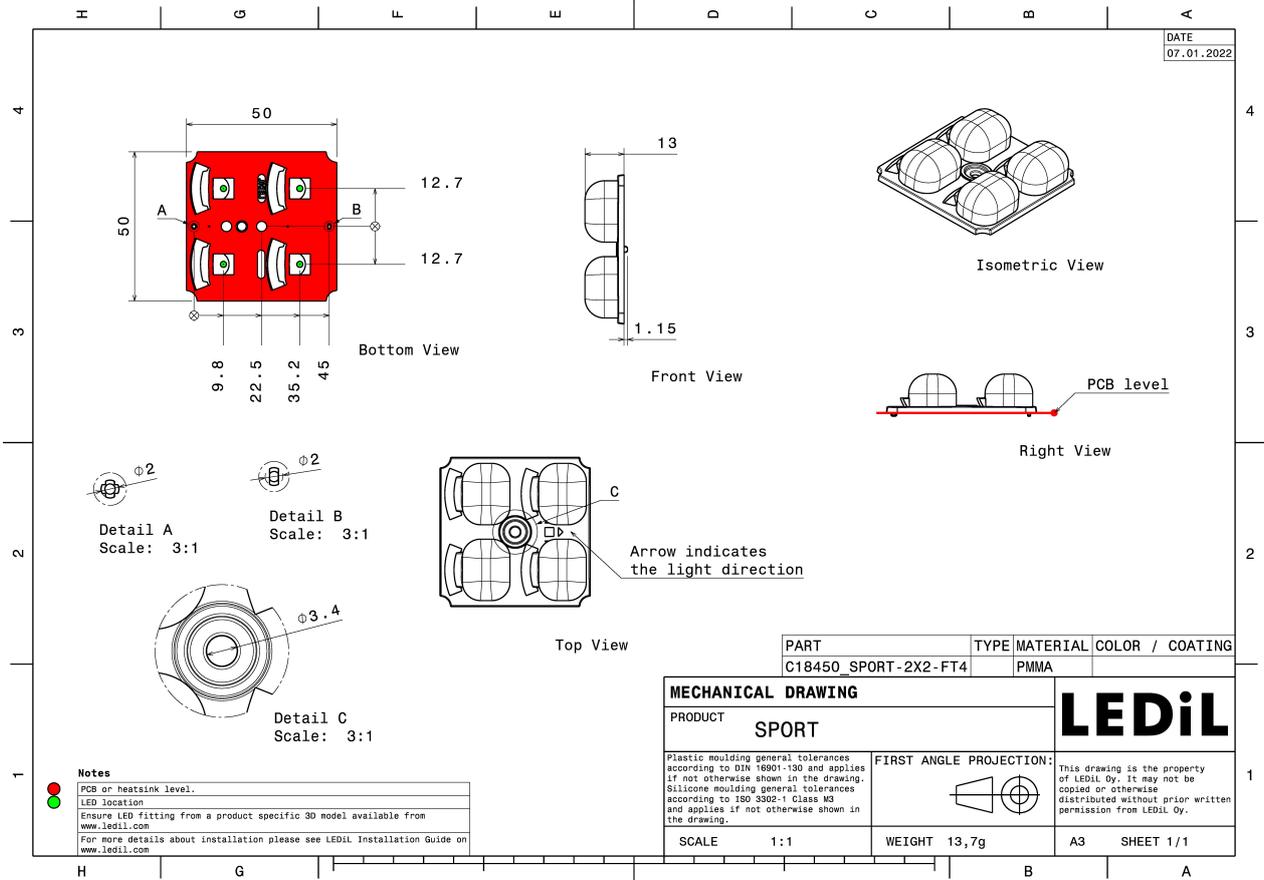


MATERIALS:

Component	Type	Material	Colour	Finish
SPORT-2X2-FT4	Multi-lens	PMMA	clear	

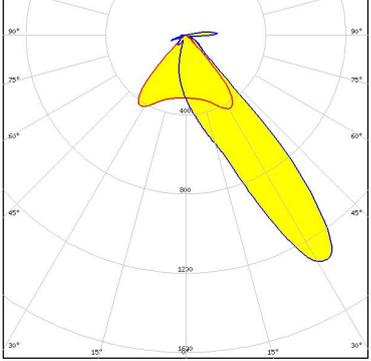
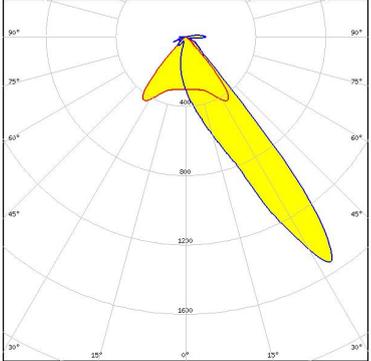
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18450_SPORT-2X2-FT4 » Box size: 480 x 280 x 300 mm	640	128	128	9.6



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

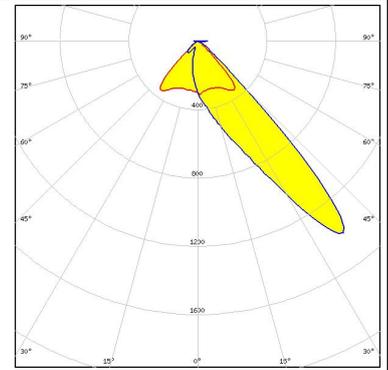
OPTICAL RESULTS (MEASURED):

		
LED	LUXEON 5050 Square LES	
FWHM / FWTM	Asymmetric	
Efficiency	94 %	
Peak intensity	1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	NV4WB35AM	
FWHM / FWTM	Asymmetric	
Efficiency	93 %	
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

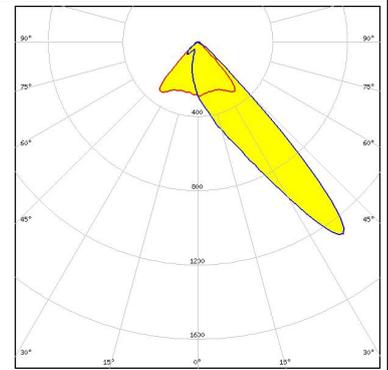
OPTICAL RESULTS (SIMULATED):



LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 91 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



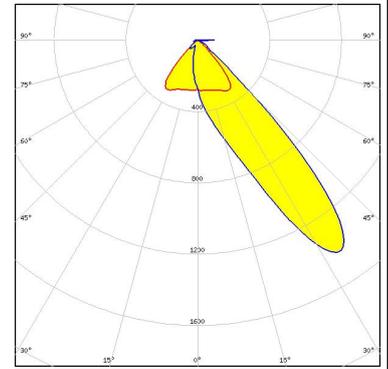
LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 84 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



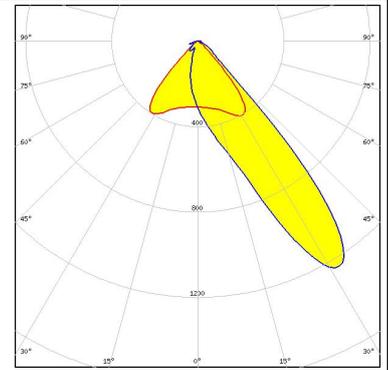
Protective plate, glass



LED LUXEON 5050 HE
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

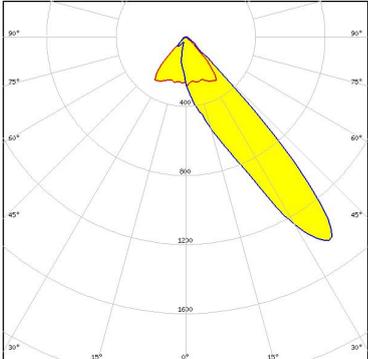
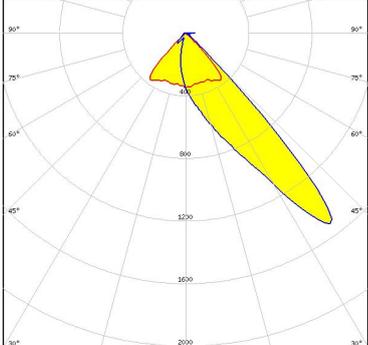


LED LUXEON 5050 Square LES
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Protective plate, glass

OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED NV4WB35AM FWHM / FWTM Asymmetric Efficiency 84 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p> <p>Protective plate, glass</p>	 <p>A beam spread diagram for the NICHIA LED. The diagram is a circular plot with concentric circles representing beam diameter (1000, 2000, 3000, 4000) and radial lines representing beam angle (30°, 45°, 60°, 75°, 90°). A yellow shaded area represents the beam's intensity distribution, which is asymmetric and elongated towards the 45° angle.</p>
<p>TRIDONIC</p> <p>LED RLE 2x8 4000lm HP EXC2 OTD FWHM / FWTM Asymmetric Efficiency 93 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	 <p>A beam spread diagram for the TRIDONIC LED. The diagram is a circular plot with concentric circles representing beam diameter (1000, 2000, 3000, 4000) and radial lines representing beam angle (30°, 45°, 60°, 75°, 90°). A yellow shaded area represents the beam's intensity distribution, which is asymmetric and elongated towards the 45° angle, similar to the NICHIA LED but with a slightly different shape.</p>

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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