

SPORT-2X2-S1-HT

~10° spot beam. Variant from High Temperature PMMA.

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	16 mm
Fastening	screw
ROHS compliant	yes ⓘ

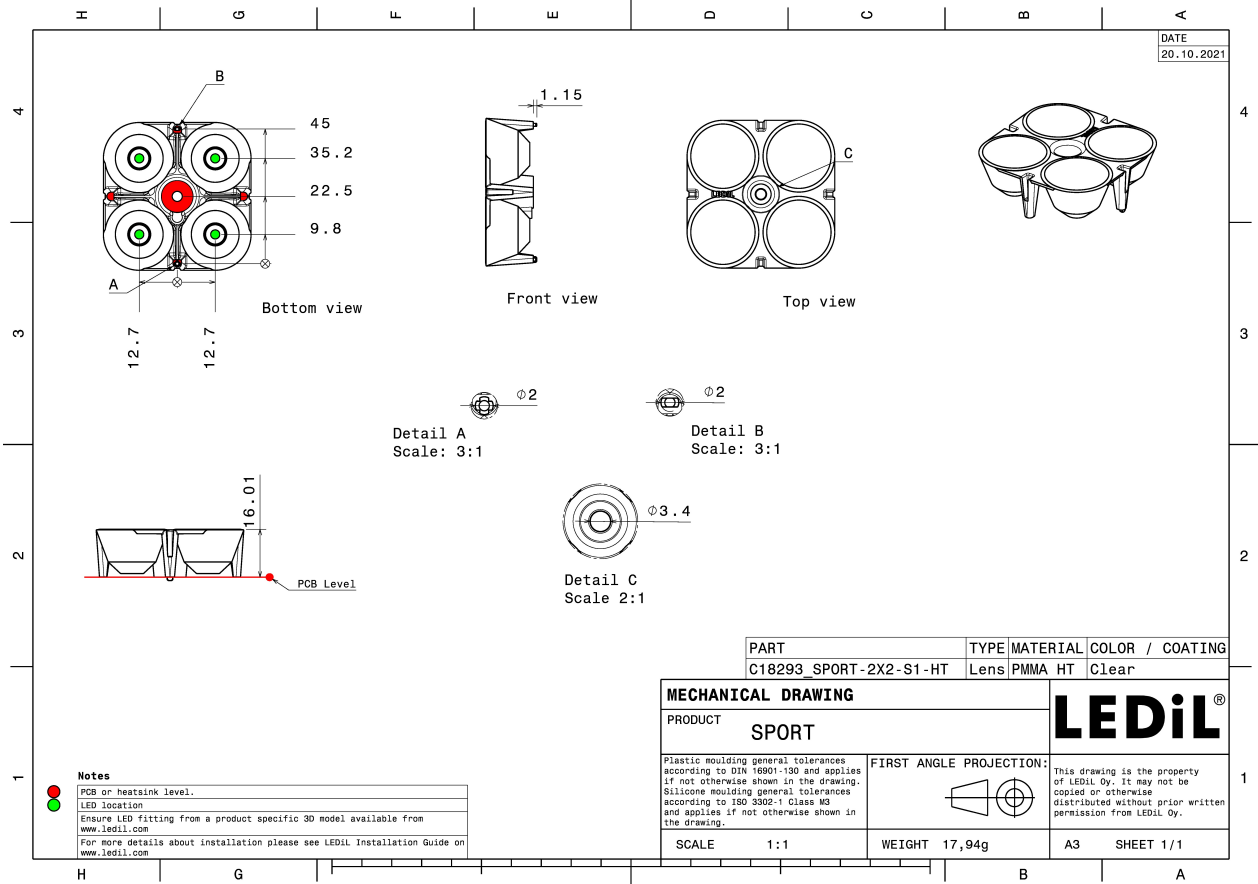
MATERIALS:

Component	Type	Material	Colour	Finish
SPORT-2X2-S1-HT	Multi-lens	HT-PMMA	clear	

ORDERING INFORMATION:

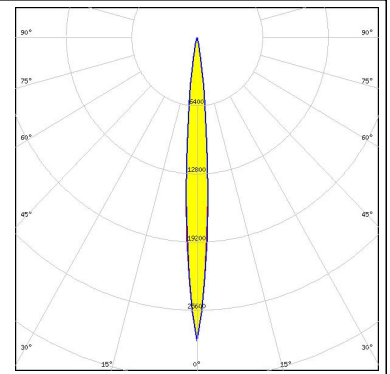
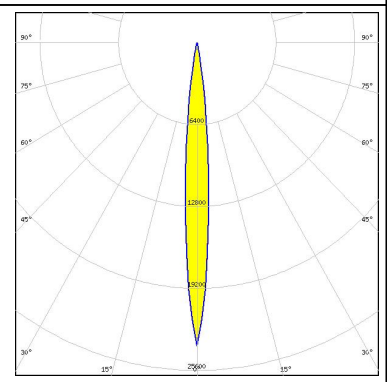
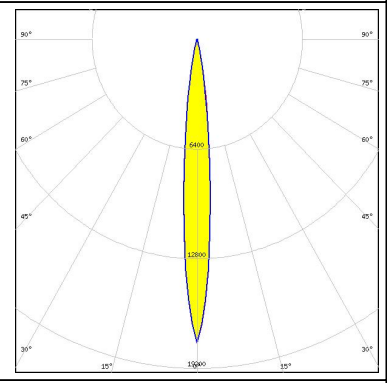
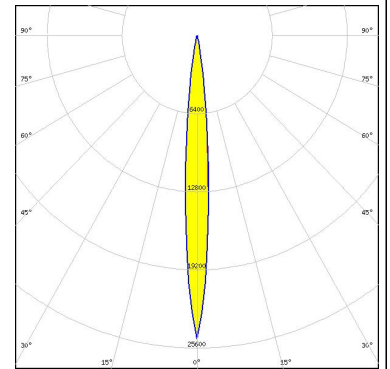
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18293_SPORT-2X2-S1-HT » Box size: 480 x 280 x 300 mm	512	128	32	10.9





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

OPTICAL RESULTS (SIMULATED):

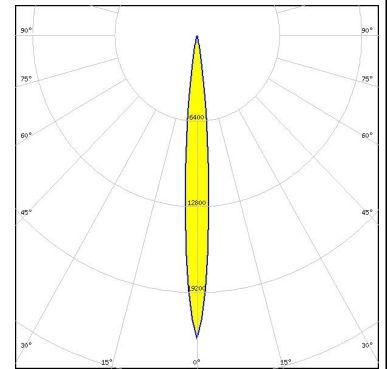
<p>CREE LEDs</p> <p>LED: XP-G2 HE FWHM / FWTM: 8.0° / 18.0° Efficiency: 95 % Peak intensity: 28.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>CREE LEDs</p> <p>LED: XP-G2 HE FWHM / FWTM: 10.0° / 20.0° Efficiency: 91 % Peak intensity: 23.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> <p style="background-color: #ADD8E6; padding: 2px; display: inline-block;">Protective plate, glass</p>		
<p>CREE LEDs</p> <p>LED: XP-G3 FWHM / FWTM: 10.0° / 22.0° Efficiency: 95 % Peak intensity: 17.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>CREE LEDs</p> <p>LED: XP-L HI FWHM / FWTM: 10.0° / 20.0° Efficiency: 95 % Peak intensity: 24.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>		

OPTICAL RESULTS (SIMULATED):

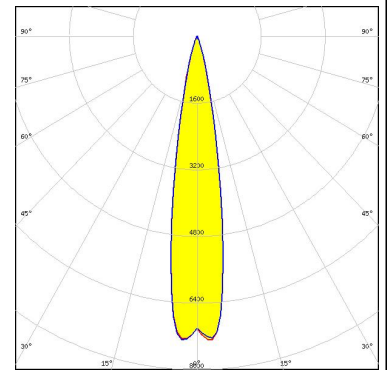


LED XP-L HI
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 87 %
 Peak intensity 22.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

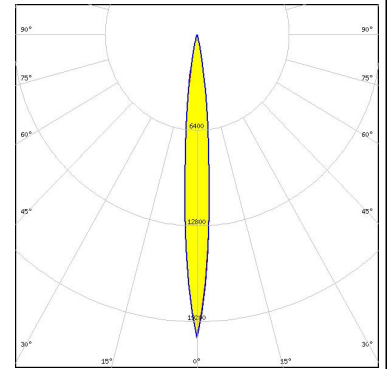
Protective plate, glass



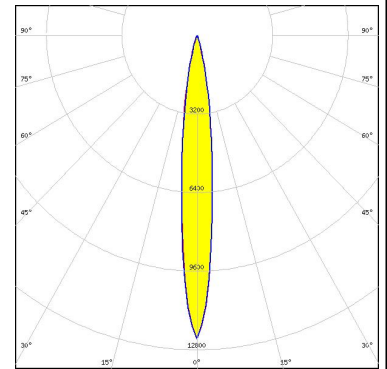
LED LUXEON 5050 Round LES
 FWHM / FWTM 18.0° / 34.0°
 Efficiency 95 %
 Peak intensity 7.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON HL2X
 FWHM / FWTM 10.0° / 22.0°
 Efficiency 94 %
 Peak intensity 20.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED SST-40
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 95 %
 Peak intensity 12.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NV4WB35AM FWHM / FWTM: 14.0° / 28.0° Efficiency: 96 % Peak intensity: 11.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSW219F FWHM / FWTM: 10.0° / 22.0° Efficiency: 95 % Peak intensity: 20.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 3737 (3W version) FWHM / FWTM: 12.0° / 24.0° Efficiency: 95 % Peak intensity: 15.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SAMSUNG</p> <p>LED: LH351B FWHM / FWTM: 10.0° / 22.0° Efficiency: 95 % Peak intensity: 19.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</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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