

IDA16-O

~90° + 35° oval beam

TECHNICAL SPECIFICATIONS:

Dimensions	49.7 x 49.5 mm
Height	6.2 mm
Fastening	clips
ROHS compliant	yes ⓘ

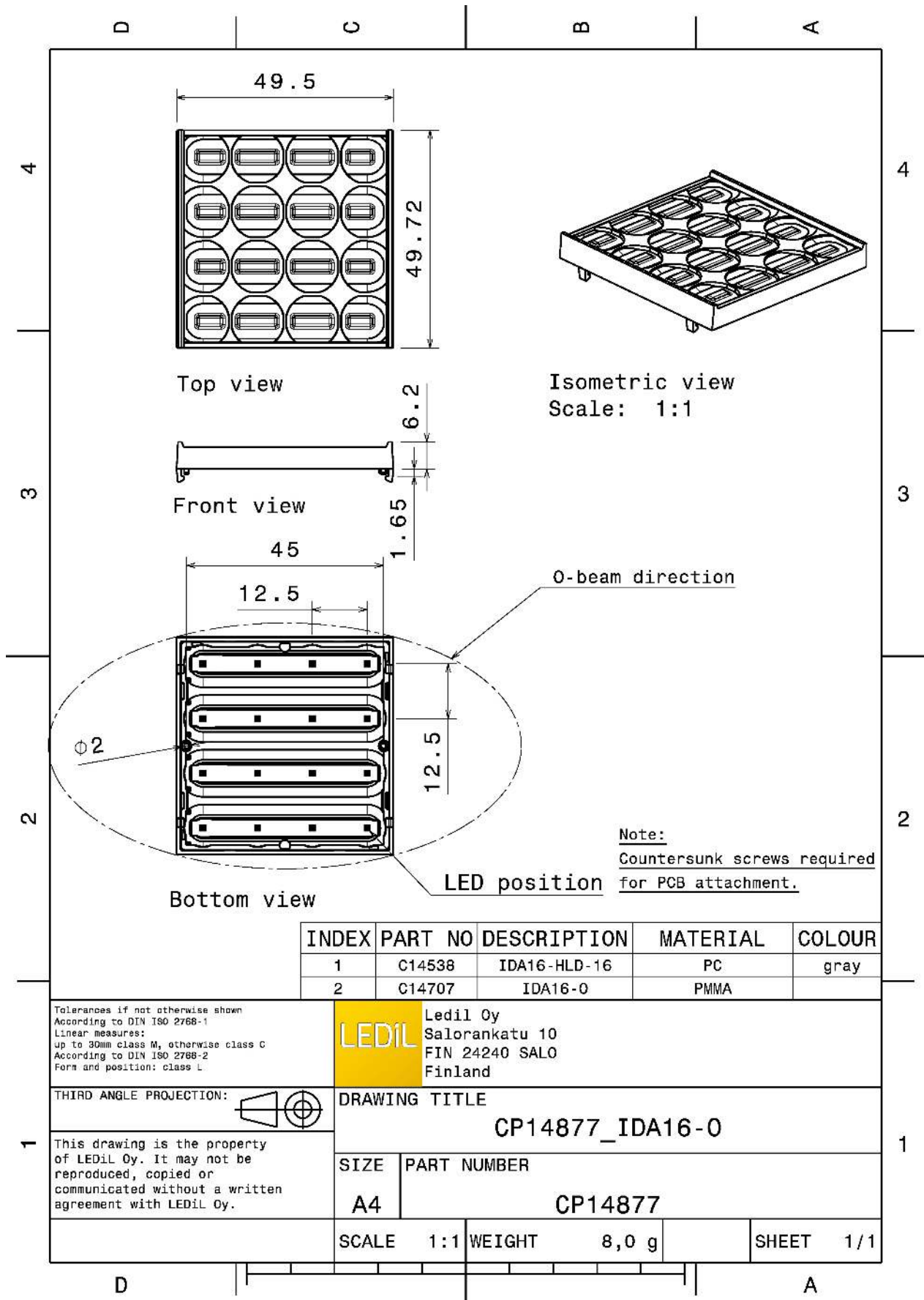
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IDA16-O	Multi-lens	PMMA	clear	
IDA16-HLD-16	Holder	PC	black	

ORDERING INFORMATION:


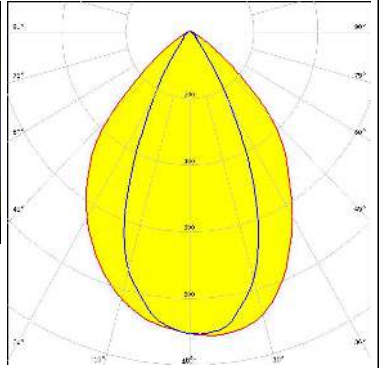
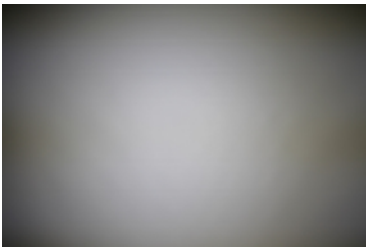
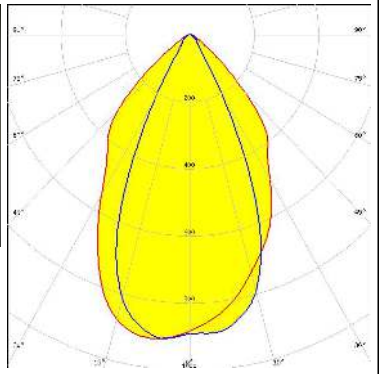

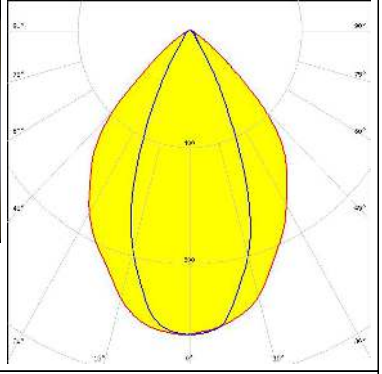
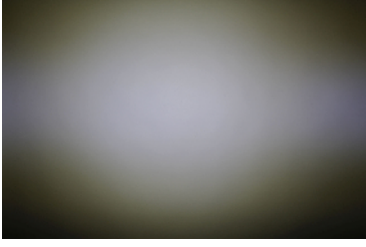
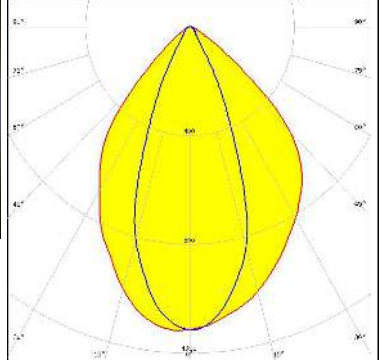
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP14877_IDA16-O » Box size: 480 x 280 x 300 mm	Multi-lens	756	28	28	8.8





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

PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NFSx757G</p> <p>FWHM / FWTM 81.0 + 48.0° / 112.0 + 72.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (2 chip)</p> <p>FWHM / FWTM 67.0 + 49.0° / 108.0 + 68.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (Single chip)</p> <p>FWHM / FWTM 80.0 + 44.0° / 110.0 + 67.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SAMSUNG</p> <p>LED LM231 A/B</p> <p>FWHM / FWTM 81.0 + 40.0° / 109.0 + 63.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

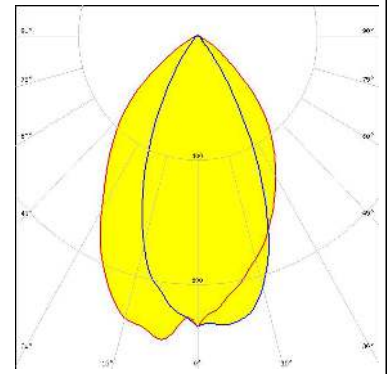
PHOTOMETRIC DATA (MEASURED):

			
SEOUL SEMICONDUCTOR			
LED	SEOUL 3030		
FWHM / FWTM	65.0 + 50.0° / 108.0 + 69.0°		
Efficiency	89 %		
Peak intensity	0.9 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			

PHOTOMETRIC DATA (SIMULATED):



LED	NF2x757D
FWHM / FWTM	69.0 + 47.0° / 111.0 + 73.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	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:

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