

IDA16-WW

~70° wide beam

TECHNICAL SPECIFICATIONS:

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

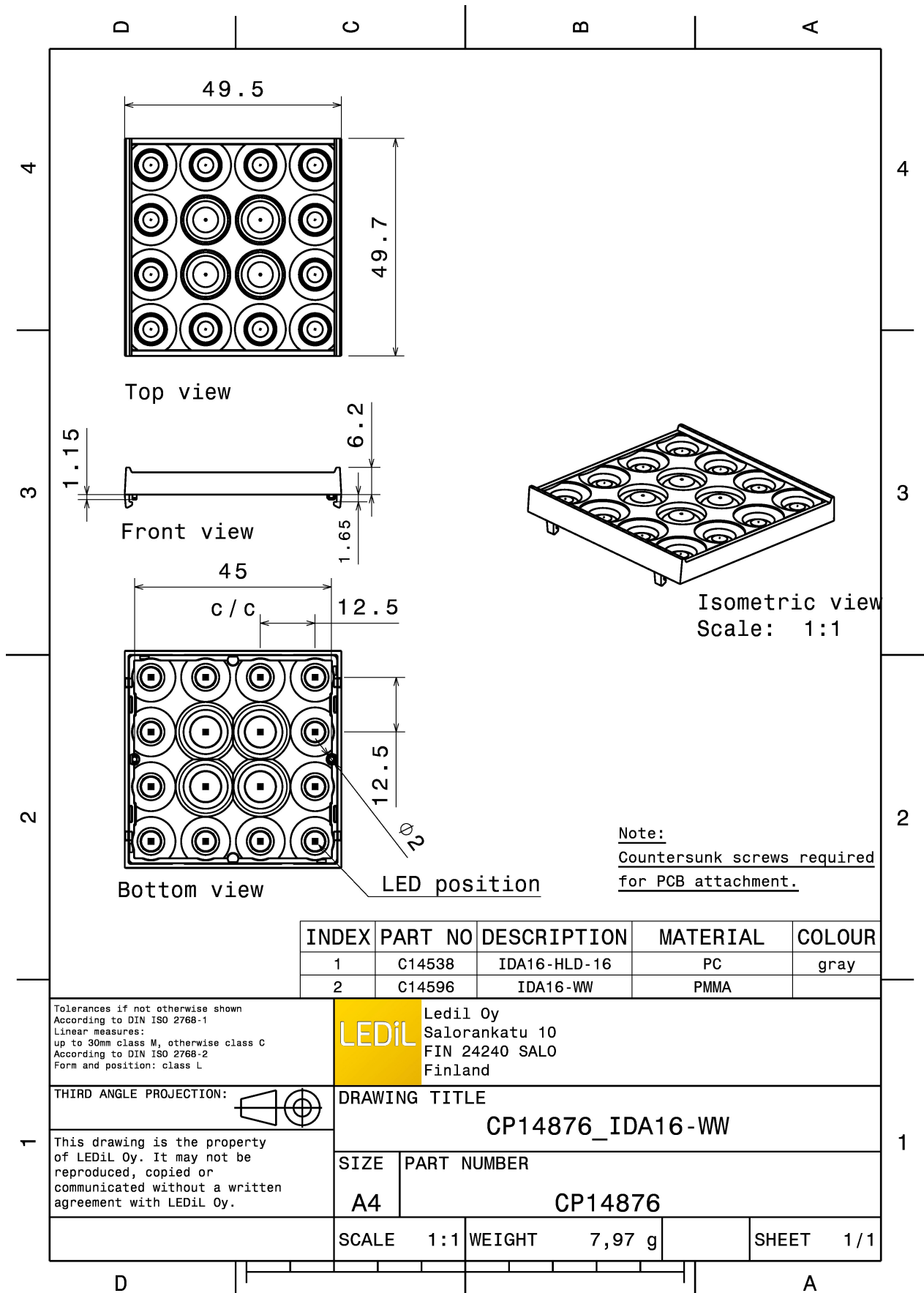
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IDA16-WW	Multi-lens	PMMA		
IDA16-HLD-16	Holder	PC		



ORDERING INFORMATION:

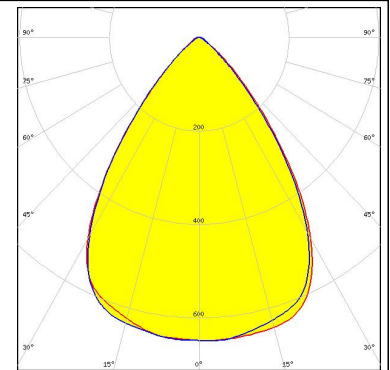
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP14876_IDA16-WW » Box size: 480 x 280 x 300 mm	Multi-lens	756	28	28	8.4



PHOTOMETRIC DATA (MEASURED):

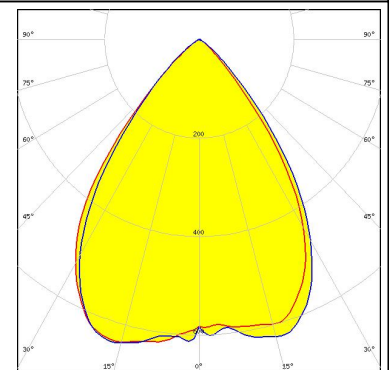
LG Innotek

LED LG 3030
FWHM 73.0°
Efficiency 90 %
Peak intensity 0.650 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

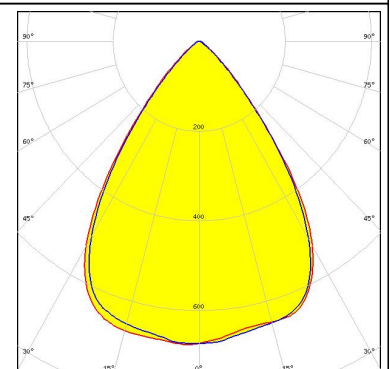
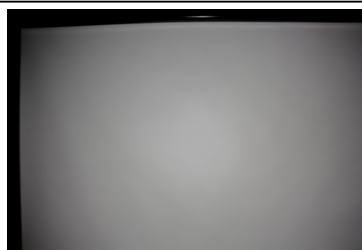
LED NF2x757G
FWHM 75.0°
Efficiency 86 %
Peak intensity 0.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

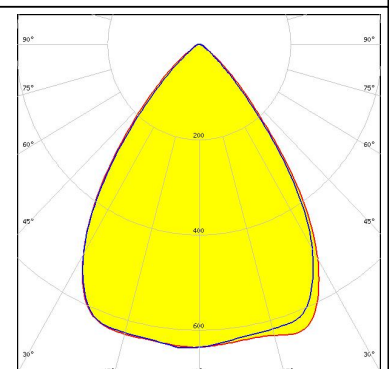
Opto Semiconductors

LED Duris S5 (Single chip)
FWHM 72.0°
Efficiency 90 %
Peak intensity 0.680 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

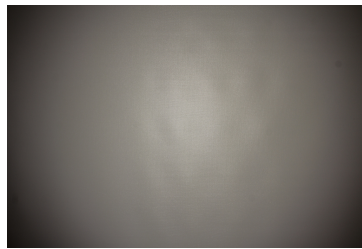
LED LM231 A/B
FWHM 74.0°
Efficiency 91 %
Peak intensity 0.640 cd/lm
LEDs/each optic 1
Light colour White
Required components:



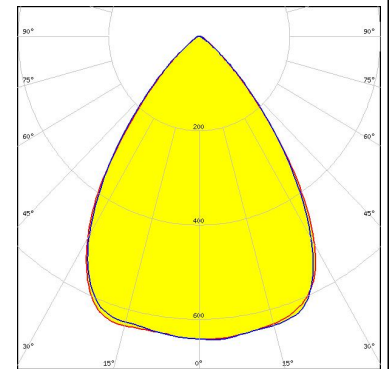
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LM301A
FWHM 75.0°
Efficiency 89 %
Peak intensity 0.690 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR
LED SEOUL 3030
FWHM 74.0°
Efficiency 90 %
Peak intensity 0.650 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	Duris S5 (2 chip)
FWHM	71.0°
Efficiency	93 %
Peak intensity	cd/m
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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