



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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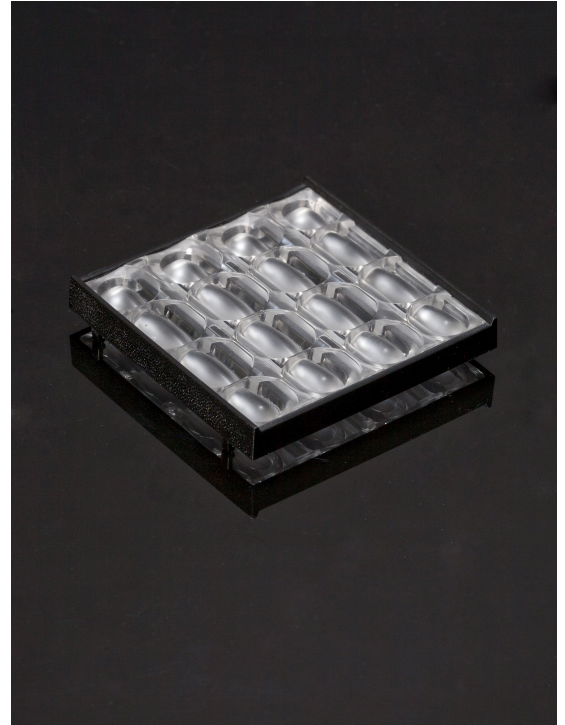


IDA16-O

~90° + 35° oval beam

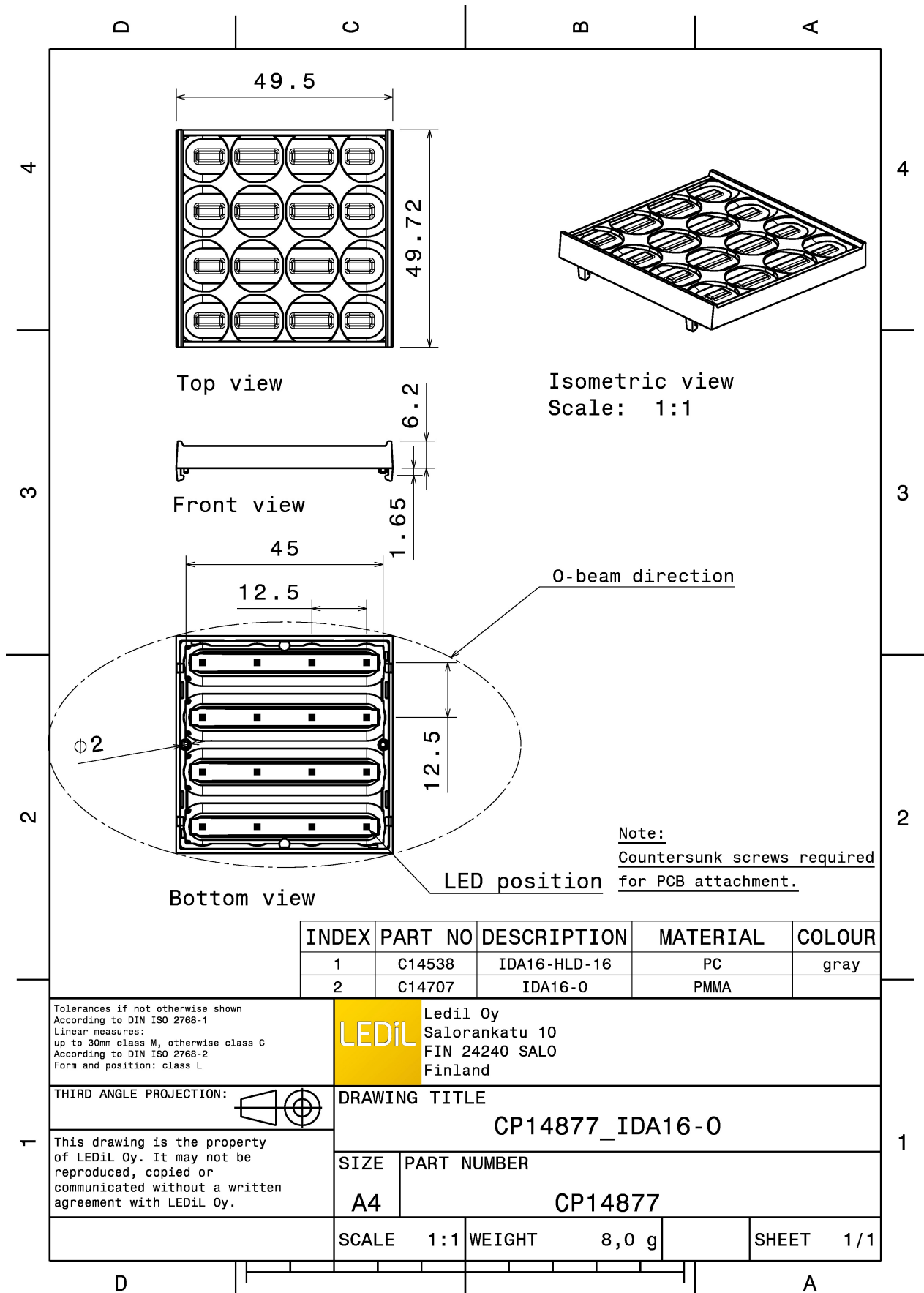
TECHNICAL SPECIFICATIONS:

Dimensions	49.7 x 49.5 mm
Height	6.2 mm
Fastening	clips
Colour	black
Box size	480 x 280 x 300 mm
Box weight	8.8 kg
Quantity in Box	756 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

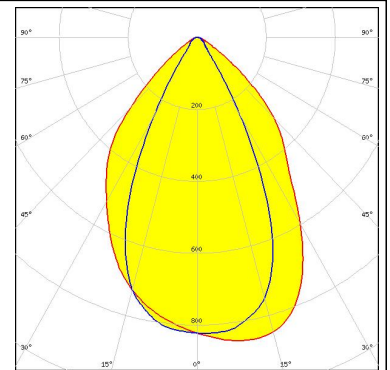
Component	Type	Material	Colour
IDA16-HLD-16	Holder	PC	black
IDA16-O	Lens array	PMMA	clear



PHOTOMETRIC DATA (MEASURED):

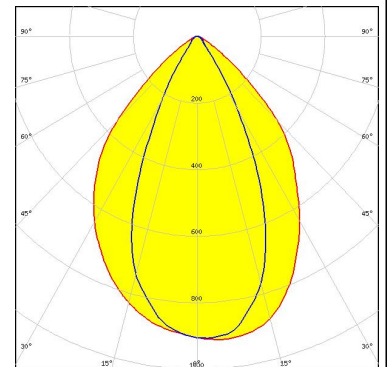
LG Innotek

LED LG 3030
 FWHM 75.0 + 52.0°
 Efficiency 89 %
 Peak intensity 0.860 cd/lm
 Required components:



NICHIA

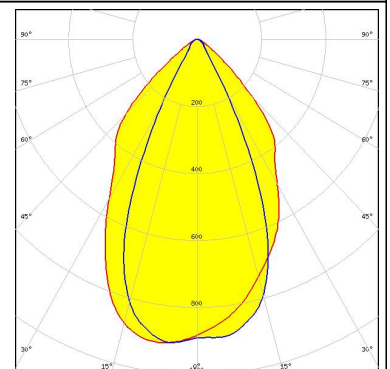
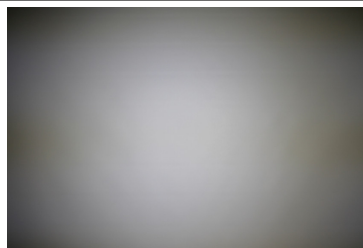
LED NFSx757G
 FWHM 81.0 + 48.0°
 Efficiency 89 %
 Peak intensity 0.920 cd/lm
 Required components:



OSRAM

Opto Semiconductors

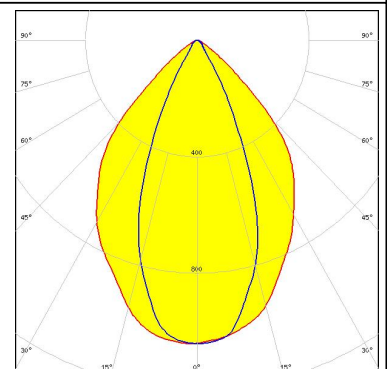
LED Duris S5 (2 chip)
 FWHM 67.0 + 49.0°
 Efficiency 87 %
 Peak intensity 0.930 cd/lm
 Required components:



OSRAM

Opto Semiconductors

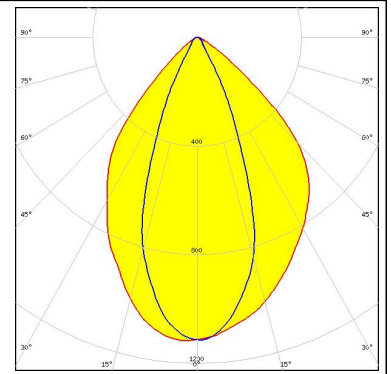
LED Duris S5 (Single chip)
 FWHM 80.0 + 44.0°
 Efficiency 89 %
 Peak intensity 1.000 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

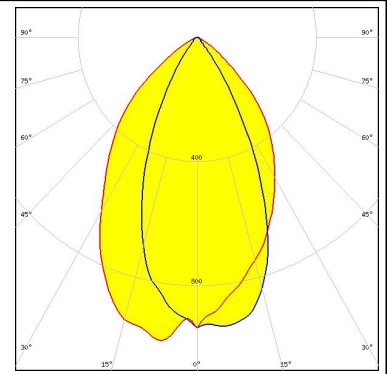
LED LM231 A/B
FWHM 81.0 + 40.0°
Efficiency 89 %
Peak intensity 1.100 cd/lm
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED NF2x757D
FWHM 69.0 + 47.0°
Efficiency 90 %
Peak intensity 0.990 cd/lm
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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