IDA16-WW

~70° wide beam

TECHNICAL SPECIFICATIONS:

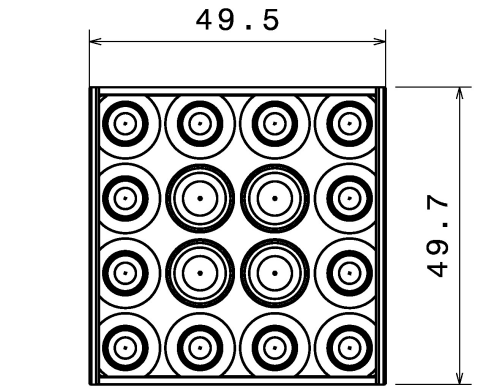
Dimensions	49.7 x 49.5 mm
Height	6.2 mm
Fastening	clips
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

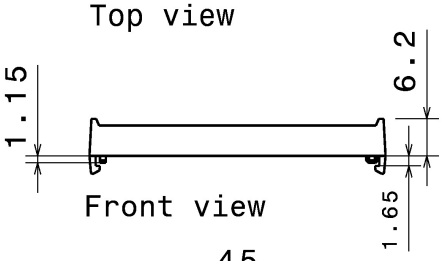
Component	Type	Material	Colour	Finish
IDA16-WW	Multi-lens	PMMA		
IDA16-HLD-16	Holder	PC		

ORDERING INFORMATION:

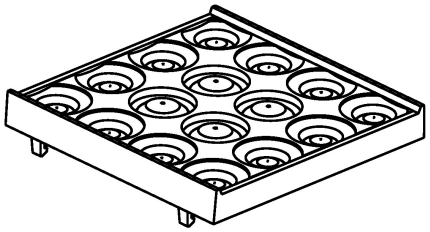
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP14876_IDA16-WW » Box size: 480 x 280 x 300 mm	Multi-lens	756	28	28	8.4



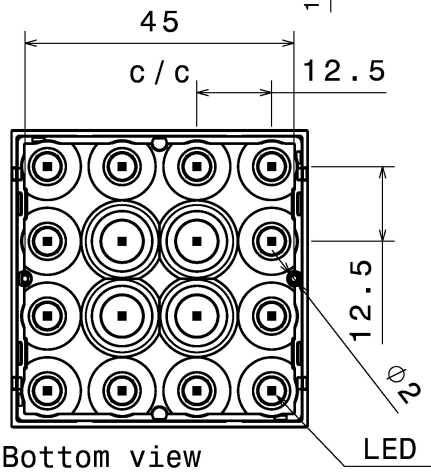
Top view



Front view



Isometric view
Scale: 1:1



Bottom view

Note:
Countersunk screws required for PCB attachment.

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14538	IDA16-HLD-16	PC	gray
2	C14596	IDA16-WW	PMMA	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
up to 30mm class M, otherwise class C
According to DIN ISO 2768-2
Form and position: class L

Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CP14876_IDA16-WW

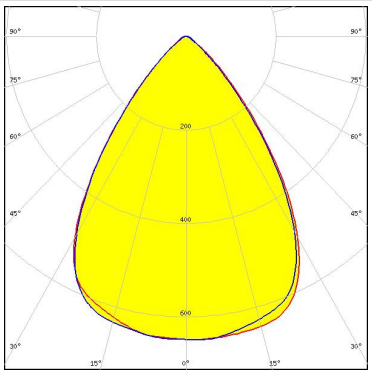
SIZE A4 | PART NUMBER CP14876

SCALE 1:1 | WEIGHT 7,97 g | SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

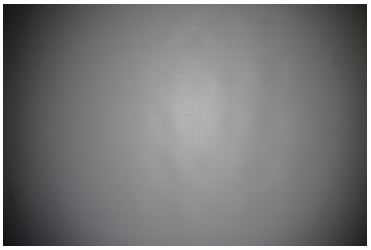
LG Innotek

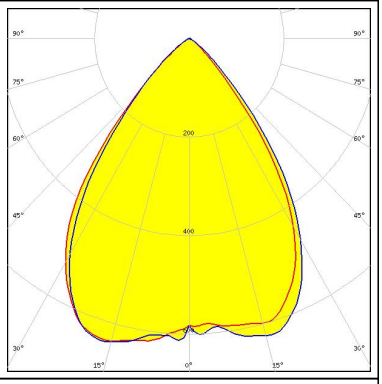
LED	LG 3030
FWHM	73.0°
Efficiency	90 %
Peak intensity	0.650 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



NICHIA

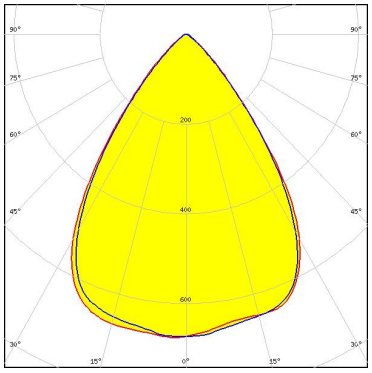
LED	NF2x757G
FWHM	75.0°
Efficiency	86 %
Peak intensity	0.700 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	





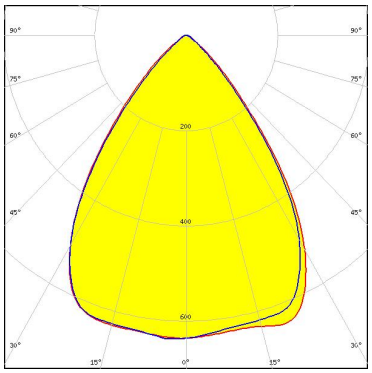
OSRAM
Opto Semiconductors

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

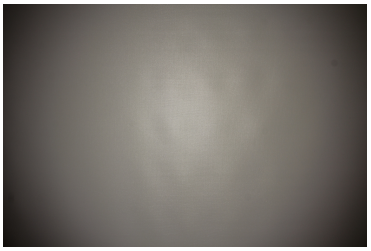
LED	LM231 A/B
FWHM	74.0°
Efficiency	91 %
Peak intensity	0.640 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (MEASURED):

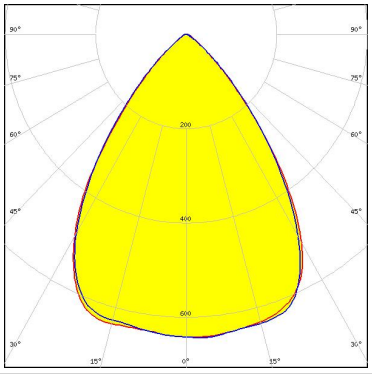
SAMSUNG

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/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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