

IDA16-M

~40° medium beam

TECHNICAL SPECIFICATIONS:

Dimensions	49.3 x 49.5 mm
Height	6 mm
Fastening	clips
ROHS compliant	yes ⓘ

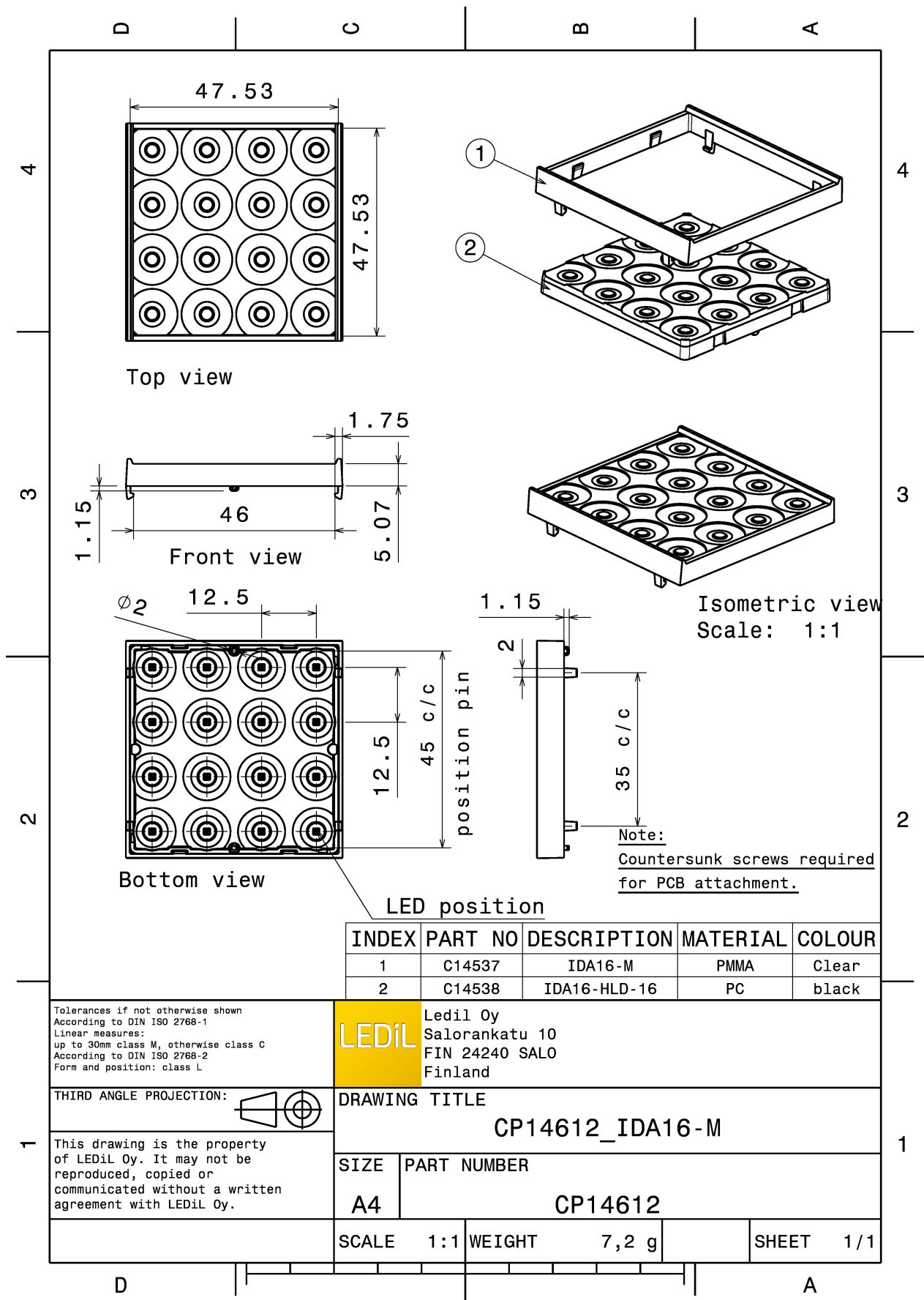
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CP14612_IDA16-M » Box size: 480 x 280 x 300 mm	Multi-lens	756	28	28	8.1



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C14537	IDA16-M	PMMA	Clear
2	C14538	IDA16-HLD-16	PC	black

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 LediL Oy
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FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CP14612_IDA16-M

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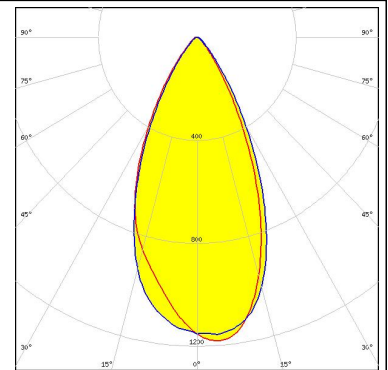
SIZE	PART NUMBER
A4	CP14612

SCALE	1:1	WEIGHT	7,2 g	SHEET	1/1
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PHOTOMETRIC DATA (MEASURED):

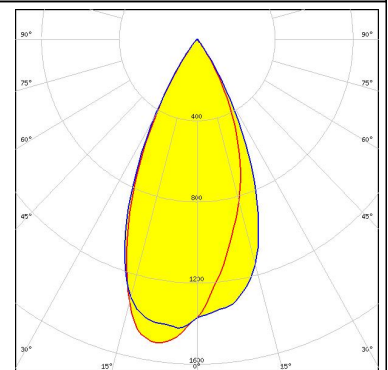
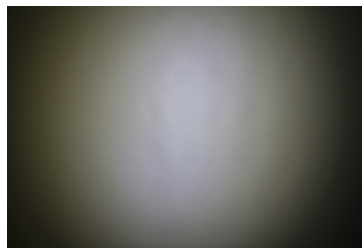
LG Innotek

LED LG 3030
 FWHM 49.0°
 Efficiency 87 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

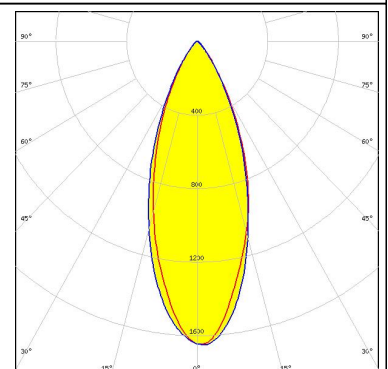
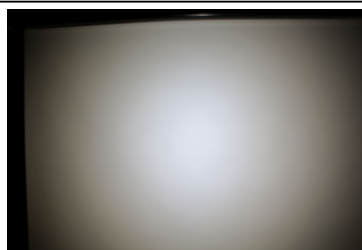
LED NF2x757G
 FWHM 49.0°
 Efficiency 91 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

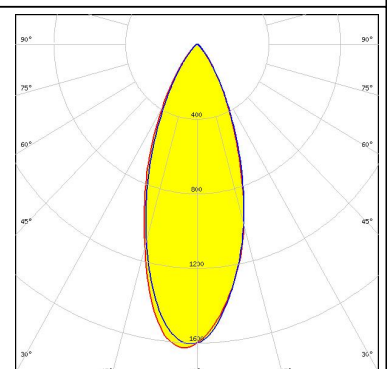
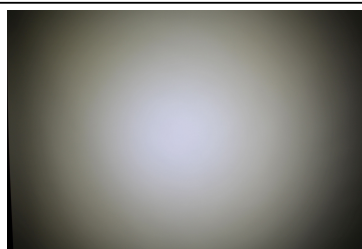
Opto Semiconductors

LED Duris S5 (Single chip)
 FWHM 38.0°
 Efficiency 88 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SAMSUNG

LED LM231 A/B
 FWHM 39.0°
 Efficiency 89 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



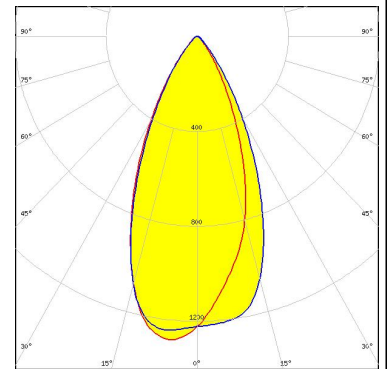
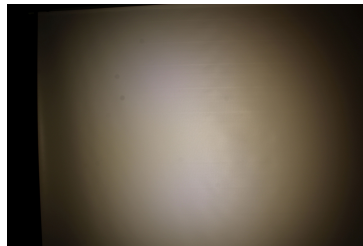
PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED LM301A
FWHM 41.0°
Efficiency 87 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



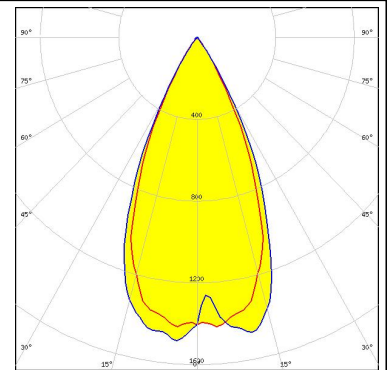
SEOUL SEMICONDUCTOR
LED SEOUL 3030
FWHM 46.0°
Efficiency 88 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

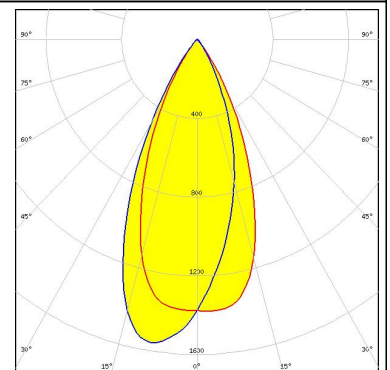
OSRAM
Opto Semiconductors

LED Duris S5 (2 chip)
 FWHM 40.0°
 Efficiency 92 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM
Opto Semiconductors

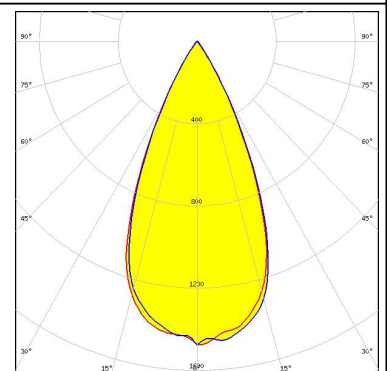
LED Duris S5 (Single chip)
 FWHM 42.0°
 Efficiency 86 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



Transparent protective cover

SAMSUNG

LED LH181B
 FWHM 47.0°
 Efficiency 91 %
 Peak intensity 1.5 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:

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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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
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- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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