

PRODUCT DATASHEET CP14612_IDA16-M

IDA16-M

~40° medium beam

TECHNICAL SPECIFICATIONS:

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



MATERIAL SPECIFICATIONS:

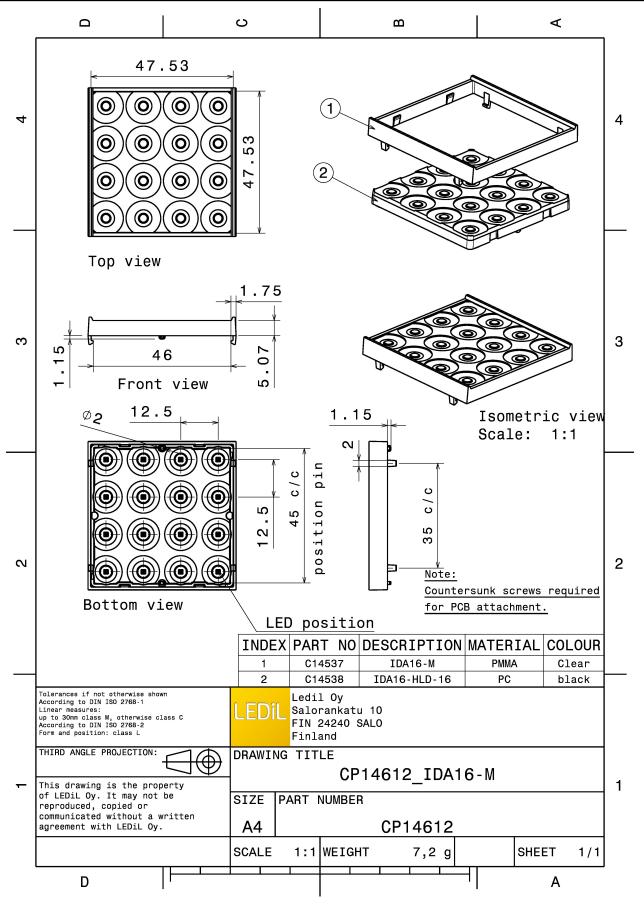
Component	Туре	Material	Colour	Finish
IDA16-M	Multi-lens	PMMA	clear	
IDA16-HLD-16	Holder	PC	black	

ORDERING INFORMATION:

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



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



PHOTOMETRIC DATA (MEASURED):

		90 [*]
LED	NF2x757G	
FWHM / FWTM	49.0° / 82.0° 91 %	
Efficiency Peak intensity	91 % 1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	er en
Required compone		34 ⁴ 10 ⁴ 10 ⁴ 10 ⁴ 10 ⁴ 10 ⁴
OSRAM Opto Semiconductors		9) ⁴ 90 ⁷
LED	Duris S5 (Single chip)	
FWHM / FWTM	38.0° / 72.0°	
Efficiency	88 %	
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	er er
Required compone		250 260 250 00 200 200 200 200 200 200 200 200
SAMSI	JNG	50 ⁴
LED	LM231 A/B	
FWHM / FWTM	39.0° / 73.0°	
Efficiency	89 %	Star Star Star Star Star Star Star Star
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	30 ⁴ 32 ⁷ 0 ⁴ 32 ⁷ 30 ⁴
SAMSU	JNG	
LED	LM301A	
FWHM / FWTM	41.0° / 75.0°	
Efficiency	87 %	
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ints:	



PHOTOMETRIC DATA (MEASURED):

			90° 90°
LED FWHM / FWTM Efficiency	SEOUL 3030 46.0° / 78.0° 88 %	1	75
Peak intensity LEDs/each optic	1.3 cd/lm 1		
Light colour Required compone	White ints:		er (*)
			229
			30° s



PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Duris S5 (2 chip) 40.0° / 68.0 + 66.0° 92 % 1.5 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Protective plat	Duris S5 (Single chip) 42.0° / 69.0° 86 % 1.6 cd/lm 1 White e, glass	94 77 96 97 90 90 90 90 90 90 90 90 90 90 90 90 90
SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LH181B 47.0° / 67.0° 91 % 1.5 cd/lm 1 White	27 27 69 60 60 120 120 120 120 120 120 120 12



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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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