


## IDA16-M

~40° medium beam

### TECHNICAL SPECIFICATIONS:

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

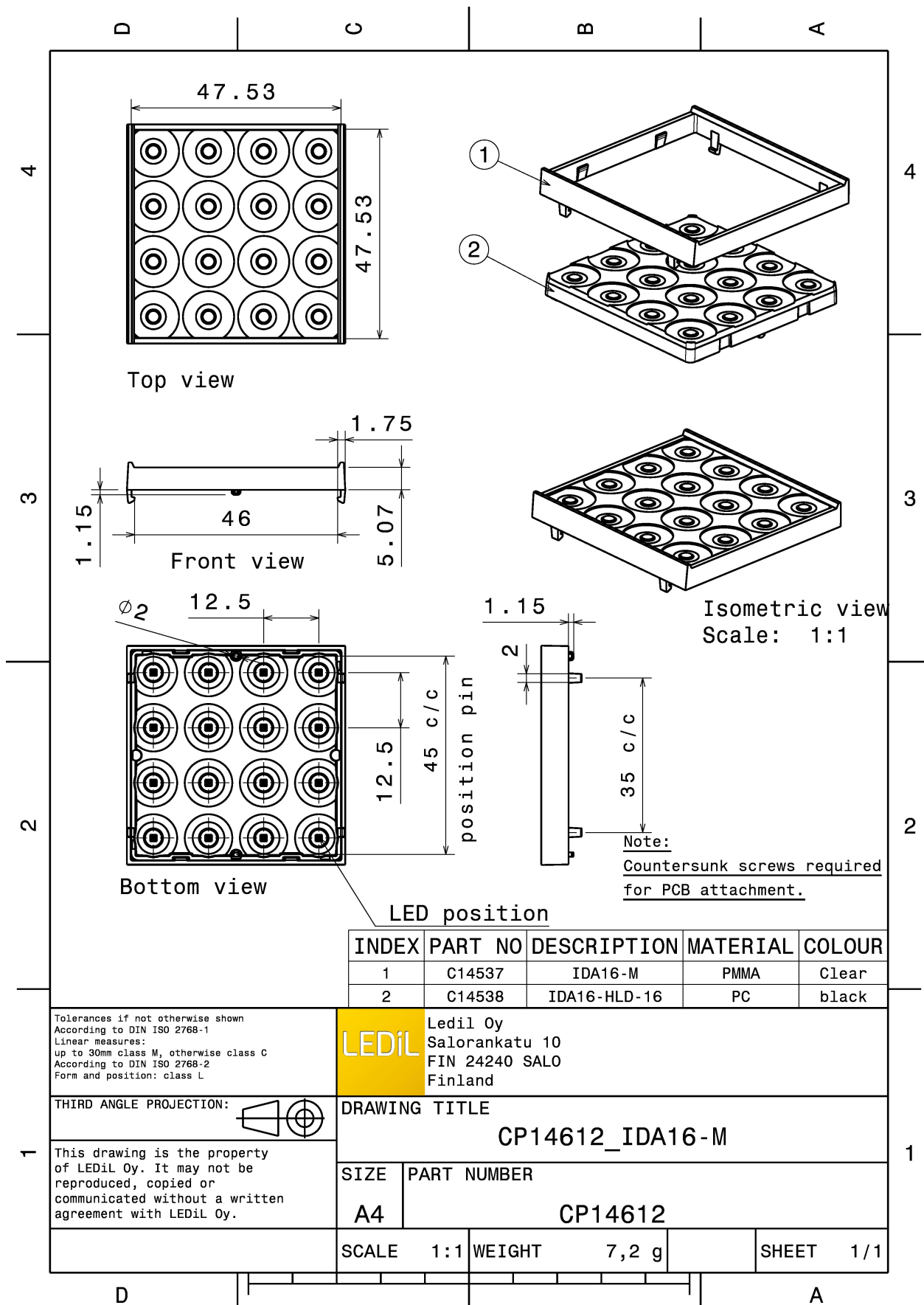
### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

Component		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					

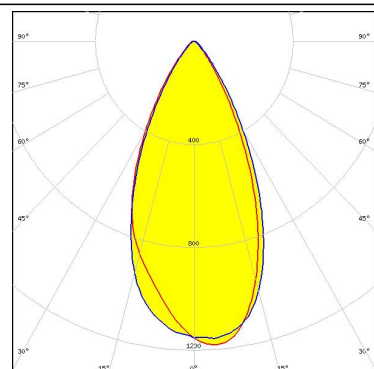
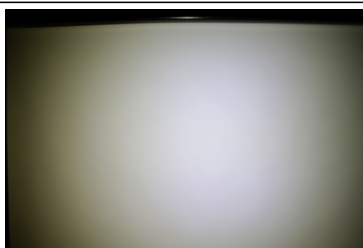




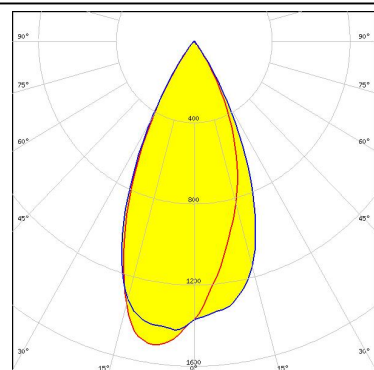
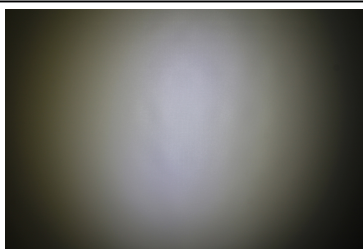
### PHOTOMETRIC DATA (MEASURED):



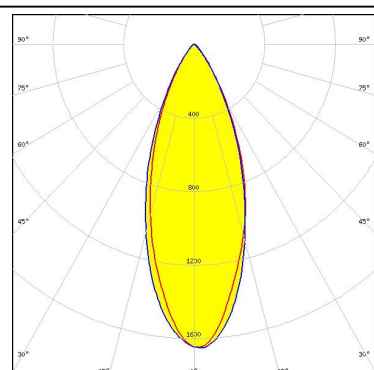
LED LG 3030  
FWHM 49.0°  
Efficiency 87 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



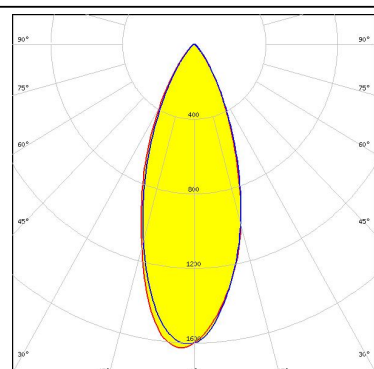
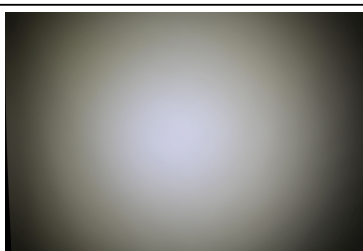
LED NF2x757G  
FWHM 49.0°  
Efficiency 91 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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:



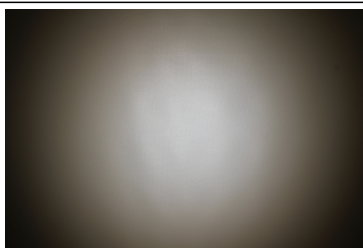
LED LM231 A/B  
FWHM 39.0°  
Efficiency 89 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



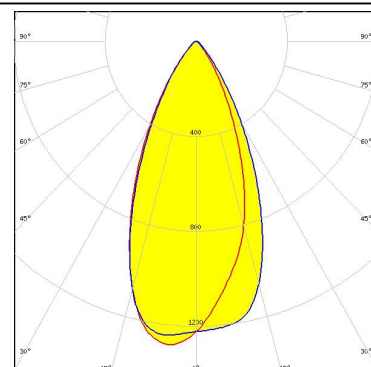
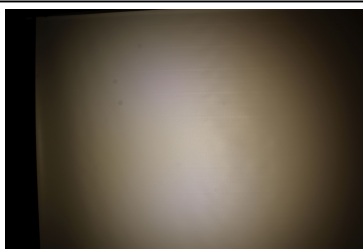
## PHOTOMETRIC DATA (MEASURED):

### 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:

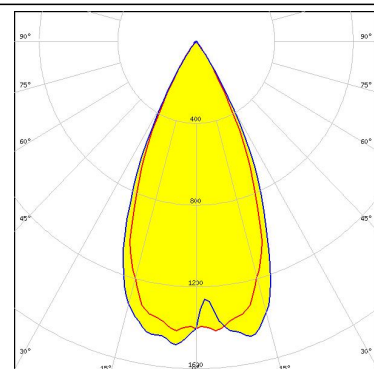


## PHOTOMETRIC DATA (SIMULATED):

### 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:

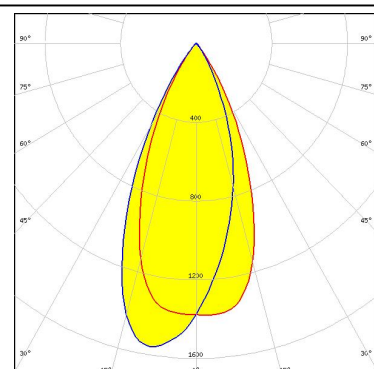


### OSRAM

Opto Semiconductors

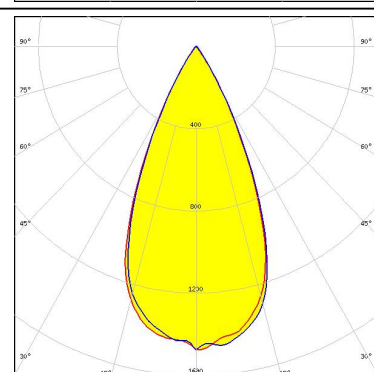
LED Duris S5 (Single chip)  
FWHM 42.0°  
Efficiency 86 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

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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