

MELODY-4-M2

~30° medium beam optimized for Nichia NCSW219A with 4 optics

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.6 mm
Height	11.9 mm
Fastening	pin
ROHS compliant	yes ⓘ

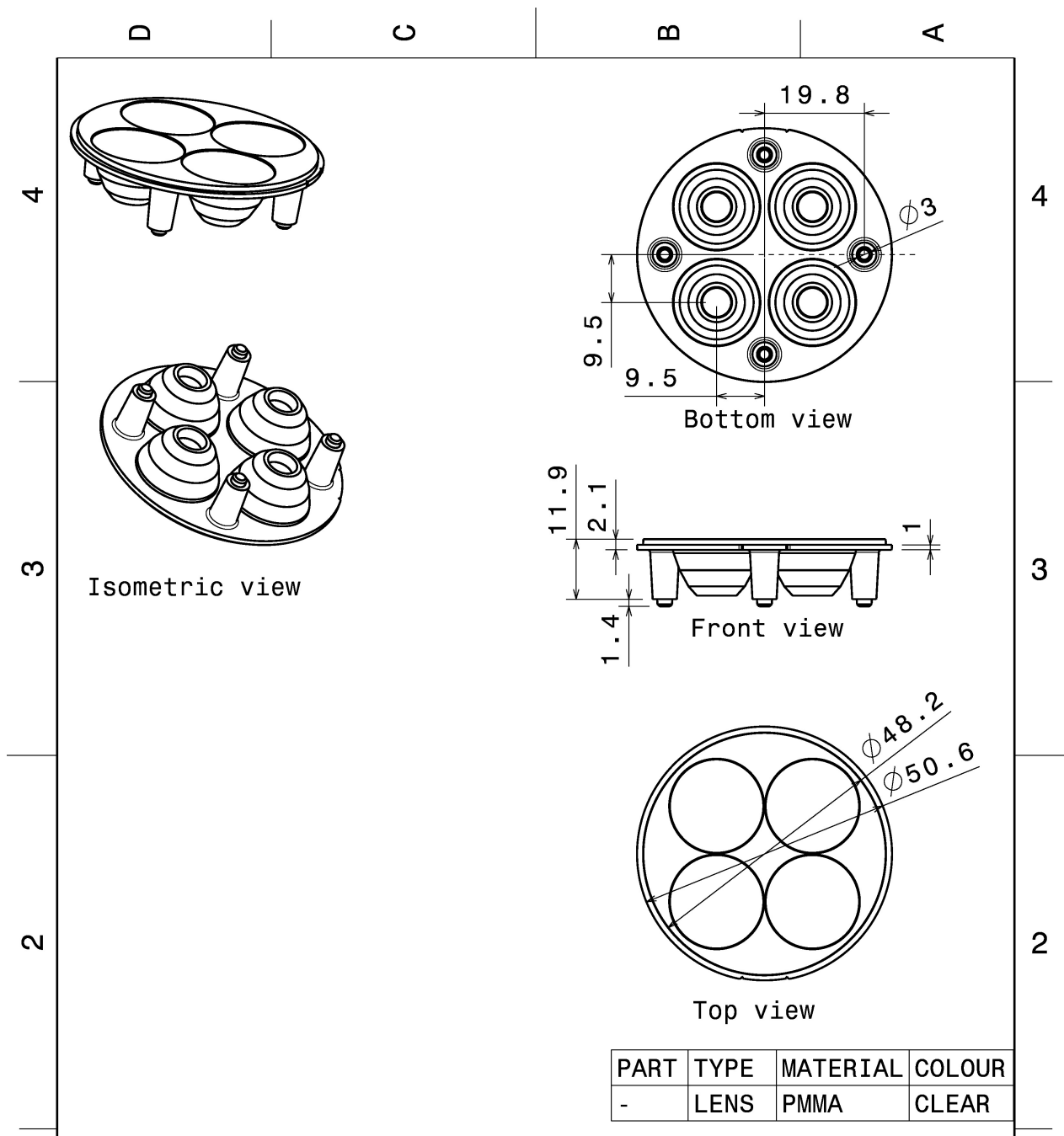
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
MELODY-4-M2	Multi-lens	PMMA	clear	



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14054_MELODY-4-M2 » Box size: 480 x 280 x 300 mm	364	112	28	5.7



PART	TYPE	MATERIAL	COLOUR
-	LENS	PMMA	CLEAR

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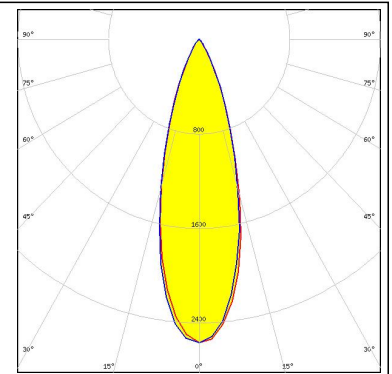
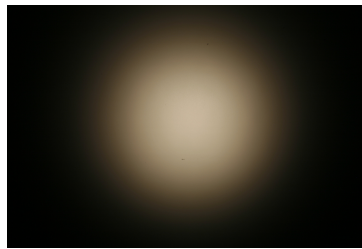
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DRAWN BY mav		DATE 18.04.2012	DRAWING TITLE Datasheet MELODY-4 series			
CHECKED BY sn	DATE 18.04.2012	SIZE A4	DRAWING NUMBER -		REV 1	
DESIGNED BY mav	DATE 06.03.2012	SCALE 1:1	WEIGHT (g)	SHEET 1/1		


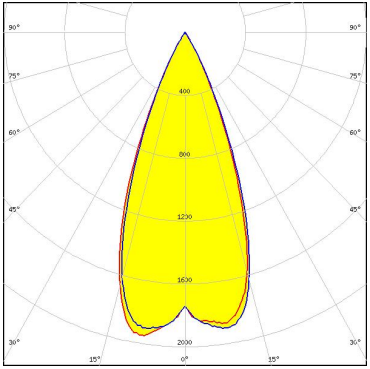



PHOTOMETRIC DATA (MEASURED):



LED LUXEON Z ES
FWHM 32.0°
Efficiency 87 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

		
LED	LUXEON T	
FWHM	42.0°	
Efficiency	92 %	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	NCSxx19A	
FWHM	36.0°	
Efficiency	90 %	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	NCSxx19B	
FWHM	36.0°	
Efficiency	92 %	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	NVSxx19A	
FWHM	40.0°	
Efficiency	89 %	
LEDs/each optic	1	
Light colour	White	
Required components:		

PHOTOMETRIC DATA (SIMULATED):

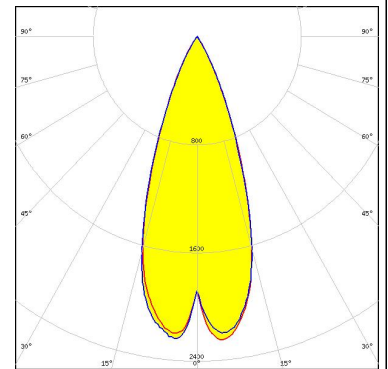


LED NVSxx19B/NVSxx19C
FWHM 41.0°
Efficiency 90 %
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z5M
FWHM 38.0°
Efficiency 92 %
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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