

MELODY-4-M

~30° medium beam with 4 optics

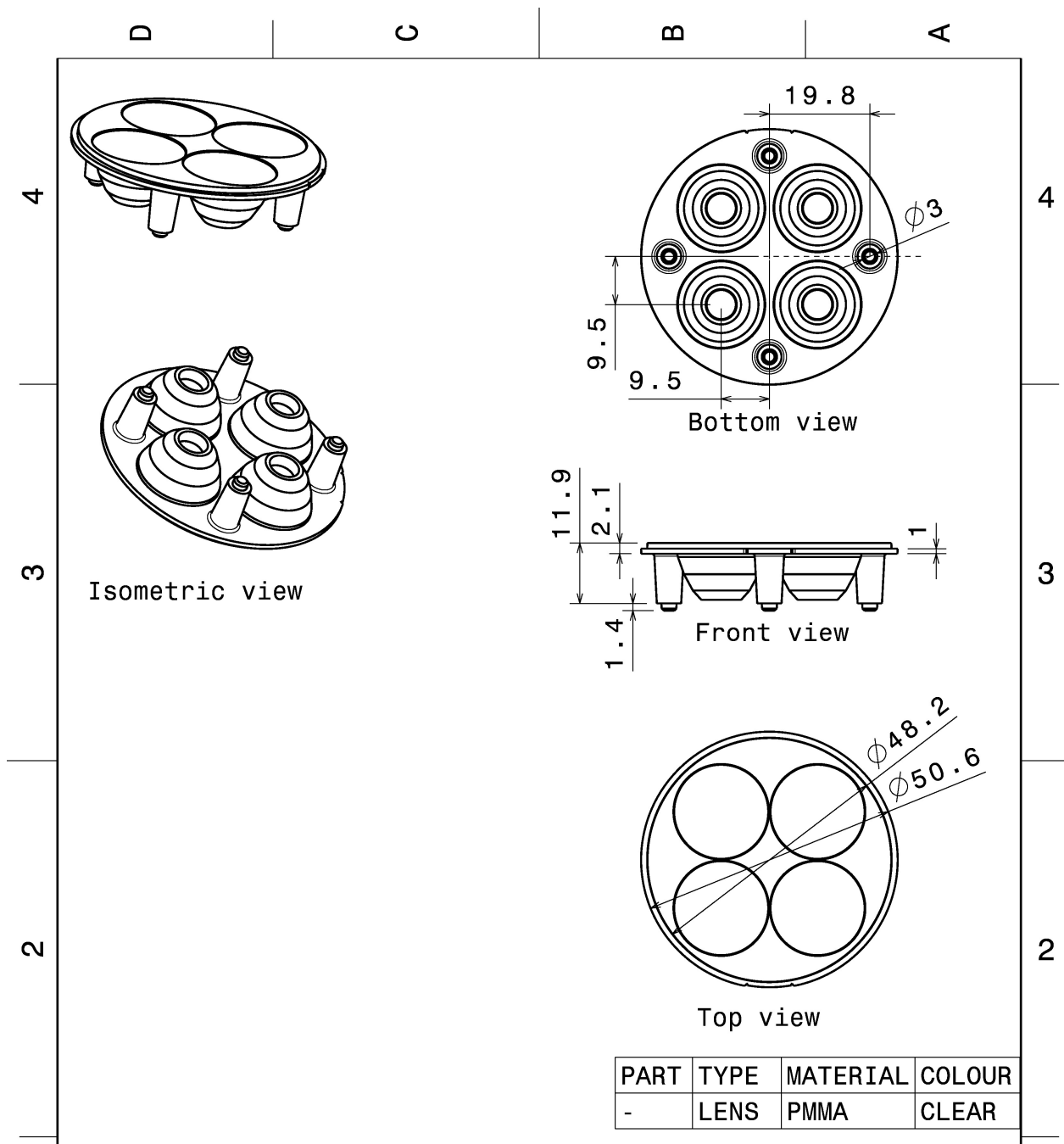
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.6 mm
Height	11.9 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	5.9 kg
Quantity in Box	364 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
MELODY-4-M	Multi-lens	PMMA	clear



PART	TYPE	MATERIAL	COLOUR
-	LENS	PMMA	CLEAR

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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):

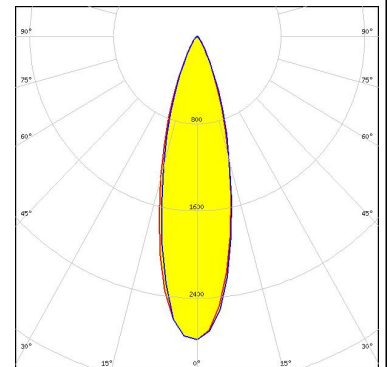
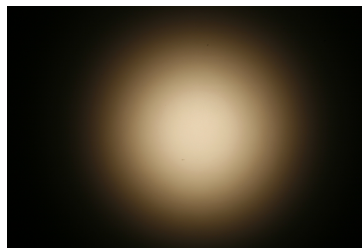
CREE

LED XB-D
 FWHM 27.0°
 Efficiency 89 %
 Peak intensity 2.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



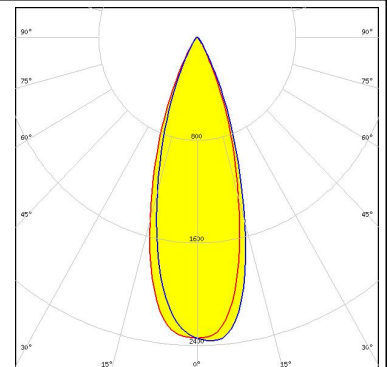
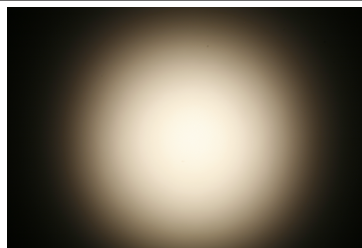
CREE

LED XP-E2
 FWHM 28.0°
 Efficiency 85 %
 Peak intensity 2.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



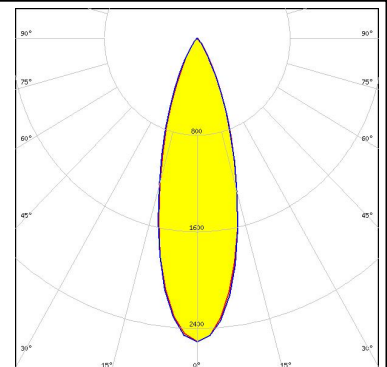
CREE

LED XP-G
 FWHM 30.0°
 Efficiency 92 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

LED XP-G2
 FWHM 32.0°
 Efficiency 87 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

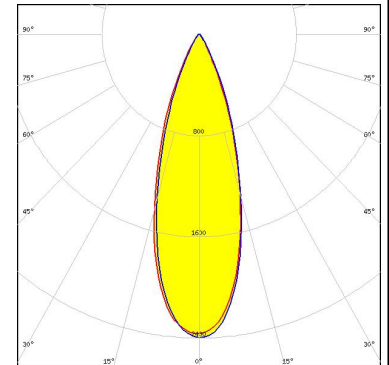
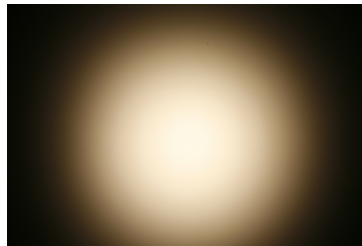
CREE

LED XT-E
FWHM 27.0°
Efficiency 90 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON A
FWHM 32.0°
Efficiency 91 %
Peak intensity 2.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:



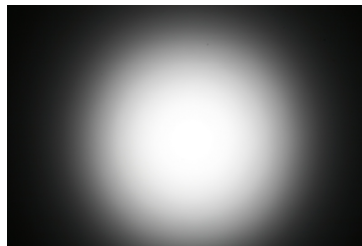
LUMILEDS

LED LUXEON Rebel
FWHM 29.0°
Efficiency 90 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:

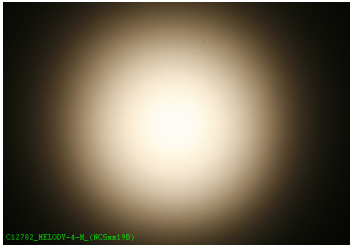
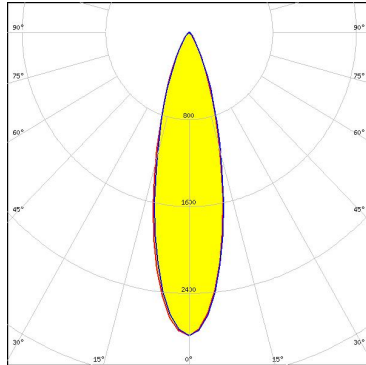
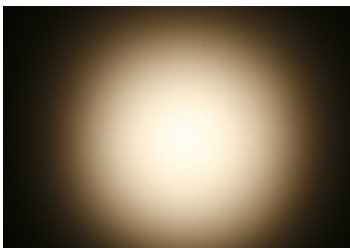

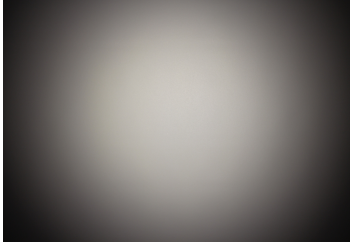


NICHIA

LED NCSxx19A
FWHM 26.0°
Efficiency 89 %
Peak intensity 3.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



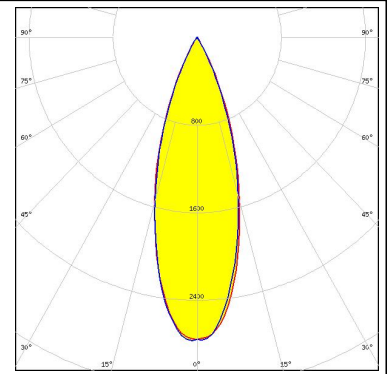
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NCSxx19B FWHM 27.0° Efficiency 84 % Peak intensity 2.800 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 30.0° Efficiency 89 % Peak intensity 2.500 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Oslon SSL 80 FWHM 27.0° Efficiency 89 % Peak intensity 2.900 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>SAMSUNG</p> <p>LED LH351Z FWHM 36.0° Efficiency 87 % Peak intensity 1.900 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	Oslon Square EC
FWHM	32.8°
Efficiency	94 %
Peak intensity	2.770 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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