

ANNA-50-4-M

~20° medium beam with 4 optics

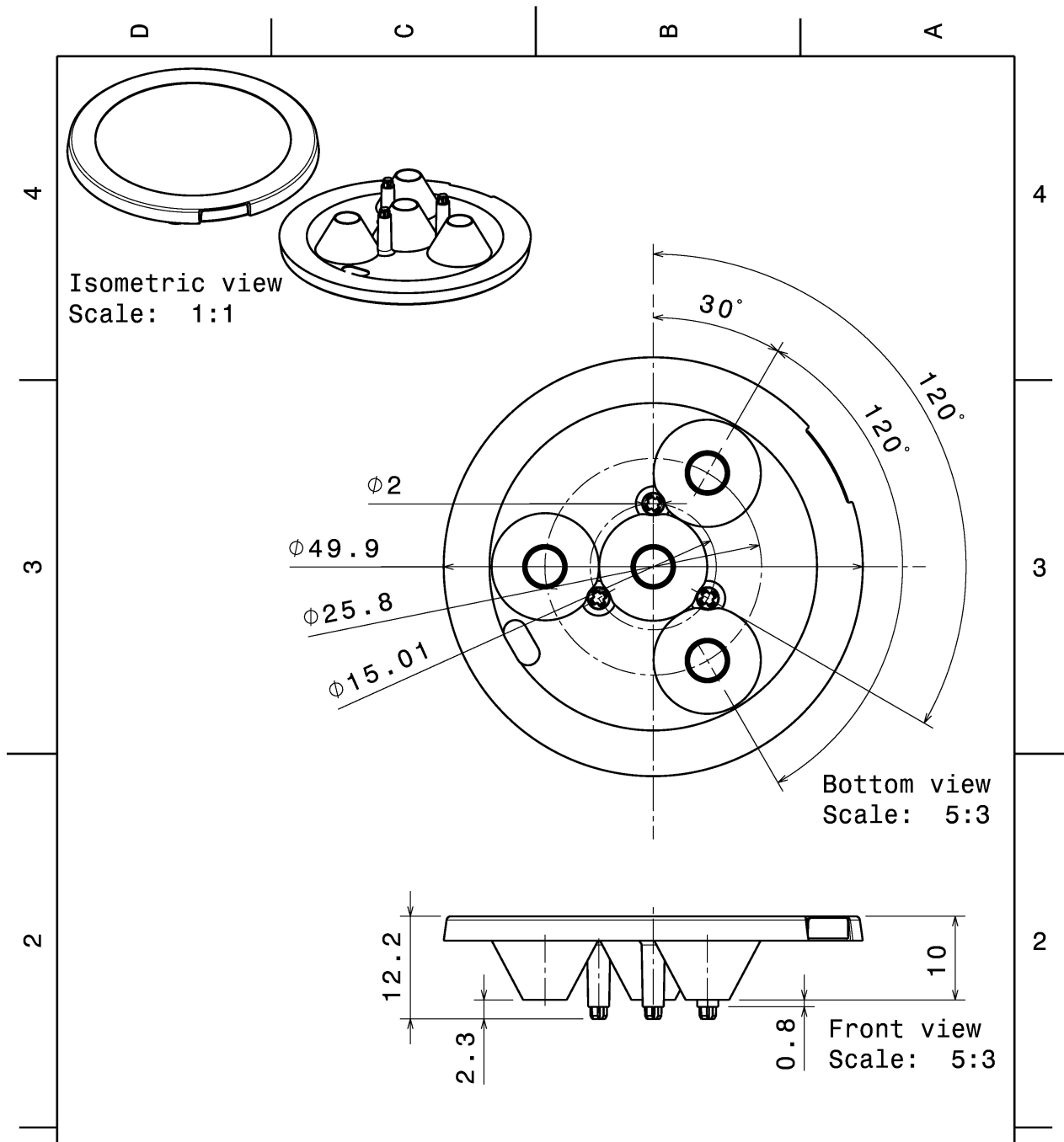
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.0 mm
Height	10.7 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.4 kg
Quantity in Box	512 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ANNA-50-4-M	Multi-lens	PMMA	clear



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 Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE

C11800_ANNA-50-4-M

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SIZE PART NUMBER

A4

C11800

SCALE

5:3

WEIGHT

-

SHEET

1/1

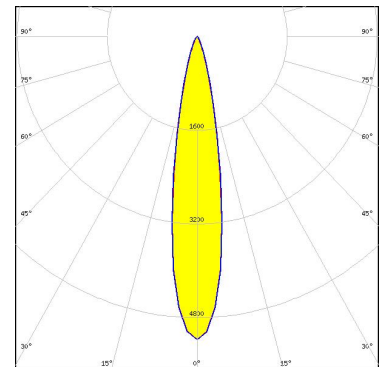
PHOTOMETRIC DATA (MEASURED):

CREE

LED XB-D
 FWHM 22.0°
 Efficiency 87 %
 Peak intensity 3.450 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

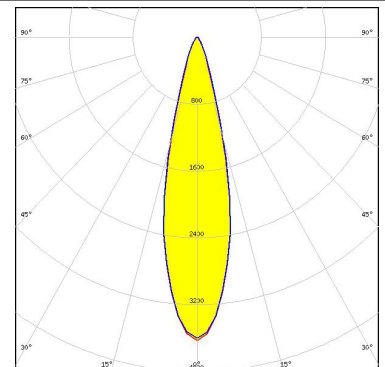
CREE

LED XP-E
 FWHM 19.0°
 Efficiency 91 %
 Peak intensity 5.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



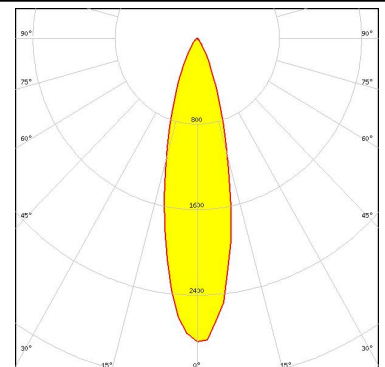
CREE

LED XP-G
 FWHM 25.0°
 Efficiency 91 %
 Peak intensity 3.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

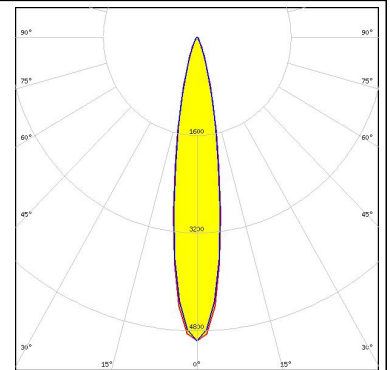
LED LUXEON A
 FWHM 26.0°
 Efficiency 84 %
 Peak intensity 2.840 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

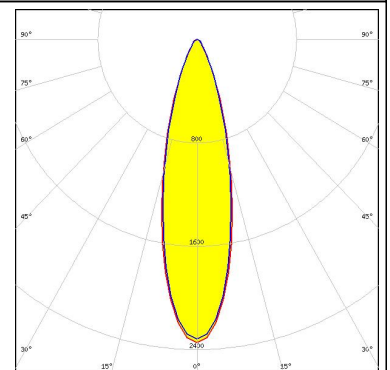
LUMILEDS

LED LUXEON Rebel
 FWHM 18.0°
 Efficiency 87 %
 Peak intensity 5.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

LED LUXEON Rebel ES
 FWHM 27.0°
 Efficiency 87 %
 Peak intensity 2.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



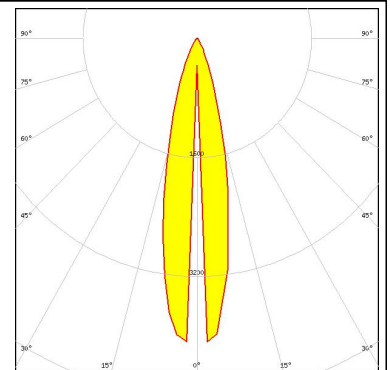
NICHIA

LED NCSxx19A
 FWHM 23.0°
 Efficiency 89 %
 Peak intensity 3.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

LED NF2x757A
 FWHM 20.0°
 Efficiency 90 %
 Peak intensity 4.080 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

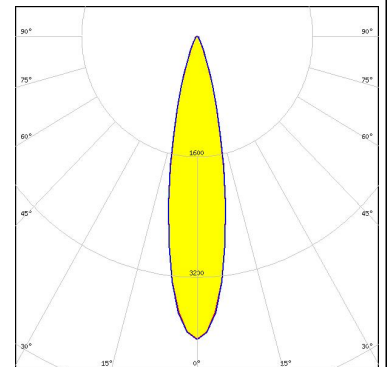


LED NVSxx19A
FWHM 25.0°
Efficiency 89 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



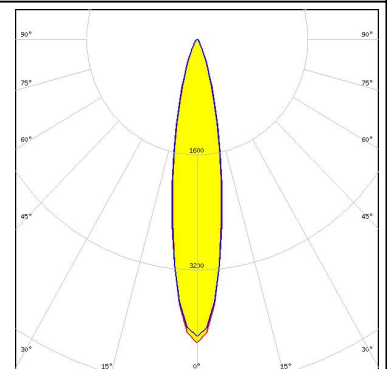
Osram Semiconductors

LED Oslon SSL 150
FWHM 22.0°
Efficiency 89 %
Peak intensity 4.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



Osram Semiconductors

LED Oslon SSL 80
FWHM 20.0°
Efficiency 88 %
Peak intensity 4.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	23.0°
Efficiency	%
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
SHARP	
LED	Double Dome (GM2BB)
FWHM	24.0°
Efficiency	%
Peak intensity	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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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