

ANNA-50-3-M

~20° medium beam with 3 optics

SPECIFICATION:

| | |
|----------------|-----------|
| Dimensions | Ø 50.0 mm |
| Height | 10.7 mm |
| Fastening | glue, pin |
| ROHS compliant | yes ⓘ |

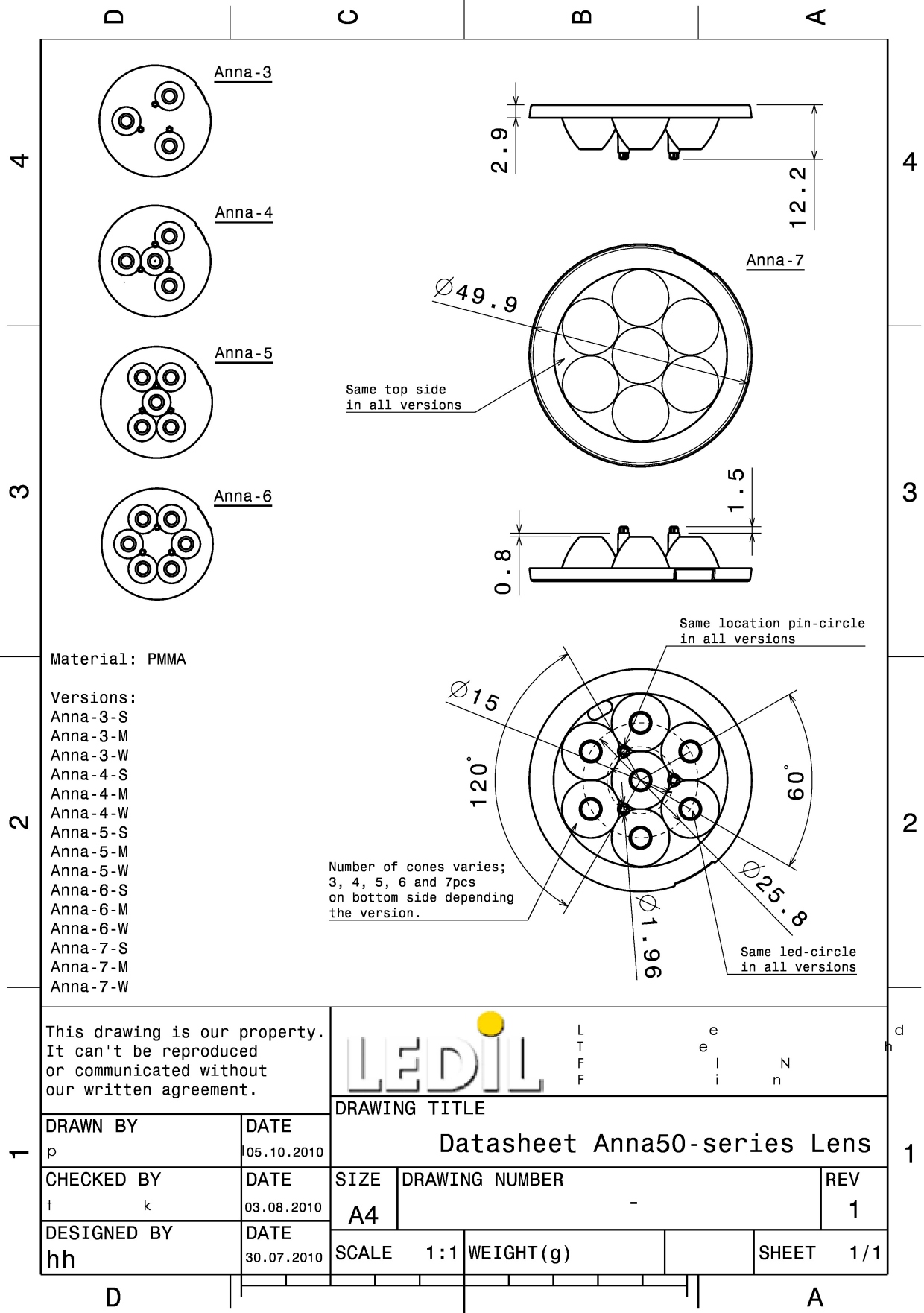
MATERIALS:

| Component | Type | Material | Colour | Finish |
|-------------|------------|----------|--------|--------|
| ANNA-50-3-M | Multi-lens | PMMA | clear | |

ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| C11607_ANNA-50-3-M » Box size: 480 x 280 x 300 mm | 512 | 96 | 32 | 5.8 |





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

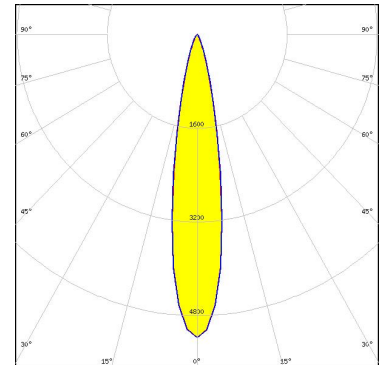
OPTICAL RESULTS (MEASURED):

CREE LED

LED XB-D
 FWHM / FWTM 22.0°
 Efficiency 87 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

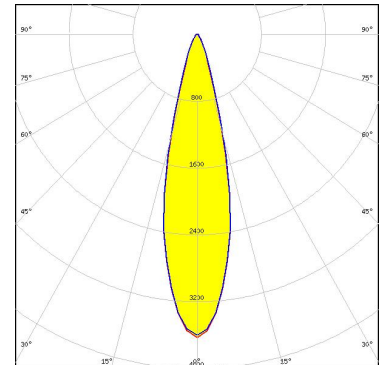
CREE LED

LED XP-E
 FWHM / FWTM 19.0° / 38.0°
 Efficiency 90 %
 Peak intensity 5.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



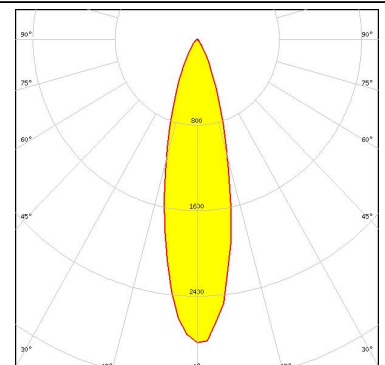
CREE LED

LED XP-G
 FWHM / FWTM 25.0° / 44.0°
 Efficiency 91 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

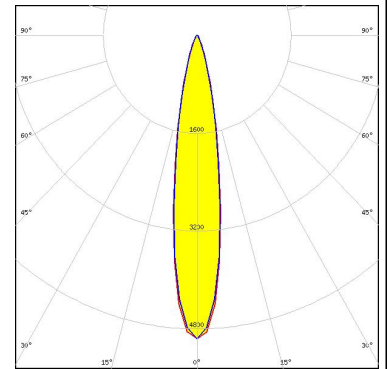
LED LUXEON A
 FWHM / FWTM 26.0° / 55.0°
 Efficiency 84 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

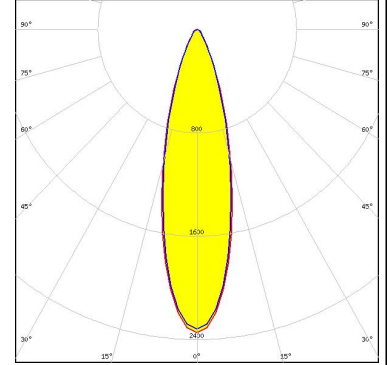
LUMILEDS

LED LUXEON Rebel
FWHM / FWTM 18.0° / 38.0°
Efficiency 87 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON Rebel ES
FWHM / FWTM 27.0° / 56.0°
Efficiency 87 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

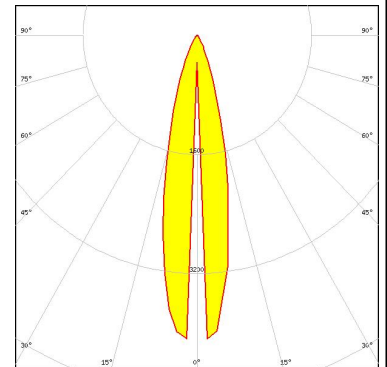


NICHIA

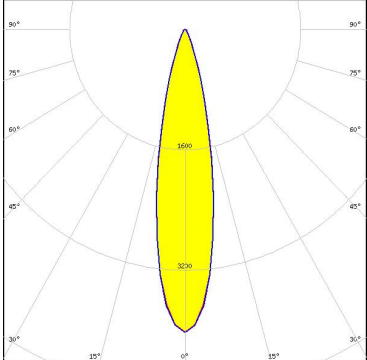
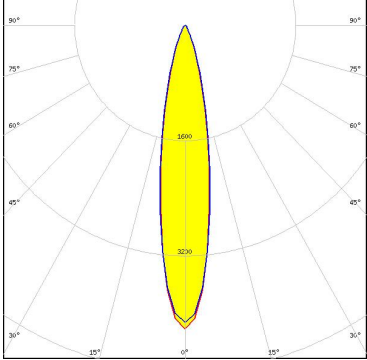
LED NCSxx19A
FWHM / FWTM 23.0° / 50.0°
Efficiency 89 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

NICHIA

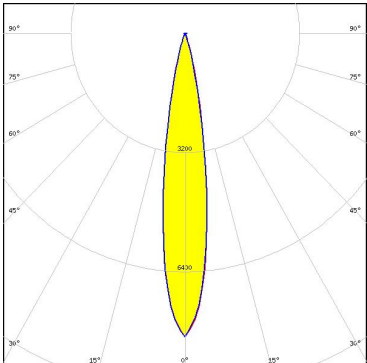
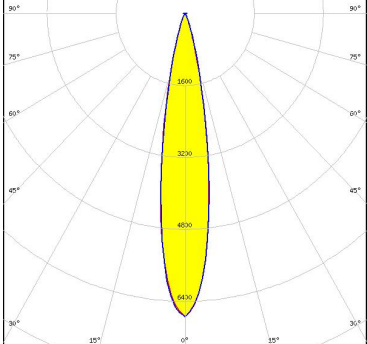
LED NF2x757A
FWHM / FWTM 20.0° / 43.0°
Efficiency 90 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (MEASURED):

| | |
|--|--|
| <p>NICHIA</p> <p>LED NVSxx19A FWHM / FWTM 25.0° / 54.0° Efficiency 89 % Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p> | <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON SSL 150 FWHM / FWTM 22.0° / 42.0° Efficiency 89 % Peak intensity 4 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 / FWTM 20.0° / 44.0° Efficiency 88 % Peak intensity 4.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |

OPTICAL RESULTS (SIMULATED):

| | |
|---|--|
| <p>NICHIA</p> <p>LED: NCSxE17A FWHM / FWTM: 16.0° / 32.0° Efficiency: 94 % Peak intensity: 8.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: 18.0° / 34.0° Efficiency: 95 % Peak intensity: 6.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>SEMI SEOUL SEMICONDUCTOR</p> <p>LED: Z5 FWHM / FWTM: 23.0° Efficiency: % LEDs/each optic: 1 Light colour: White Required components:</p> | |
| <p>SHARP</p> <p>LED: Double Dome (GM2BB) FWHM / FWTM: 24.0° Efficiency: % LEDs/each optic: 1 Light colour: White Required components:</p> | |

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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