

ANNA-40-7-S

~15° spot beam with 7 optics

SPECIFICATION:

| | |
|----------------|-----------|
| Dimensions | Ø 40.0 |
| Height | 10.7 mm |
| Fastening | glue, pin |
| ROHS compliant | yes ⓘ |

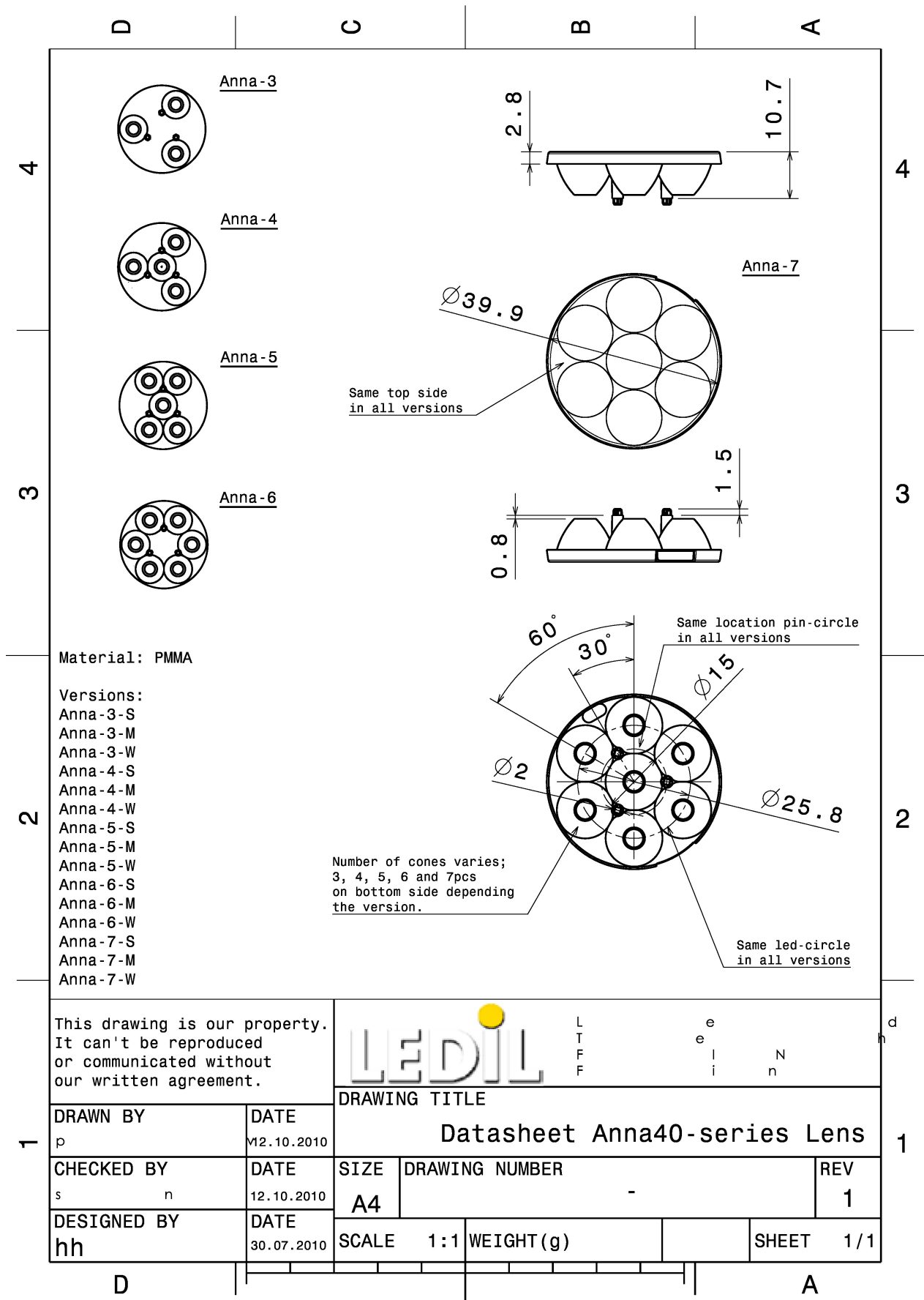


MATERIALS:

| Component | Type | Material | Colour | Finish | Length (mm) |
|-------------|------------|----------|--------|--------|-------------|
| ANNA-40-7-S | Multi-lens | PMMA | clear | | |

ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| C11716_ANNA-40-7-S » Box size: 480 x 280 x 300 mm | 760 | 120 | 40 | 8.3 |

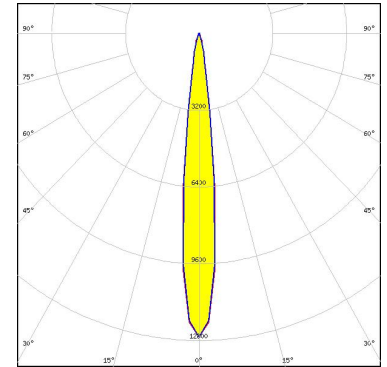


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



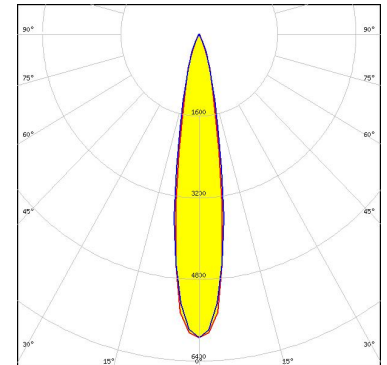
LED XP-E
FWHM / FWTM 12.0° / 24.0°
Efficiency 93 %
Peak intensity 12.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



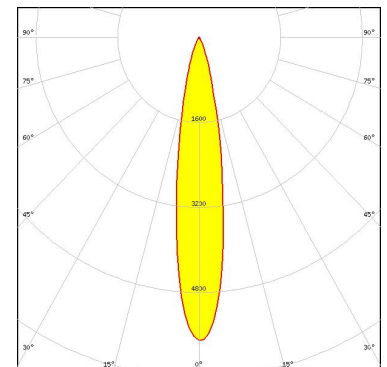
LED XP-G
FWHM / FWTM 18.0° / 39.0°
Efficiency 93 %
Peak intensity 5.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON A
FWHM / FWTM 19.0° / 40.0°
Efficiency 87 %
Peak intensity 5.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

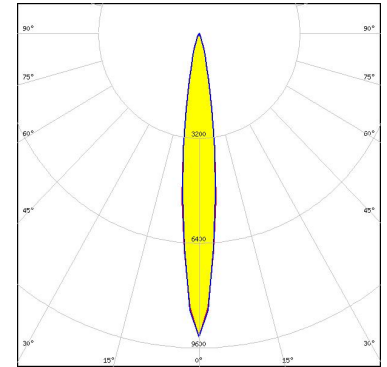


Light distribution files

OPTICAL RESULTS (MEASURED):



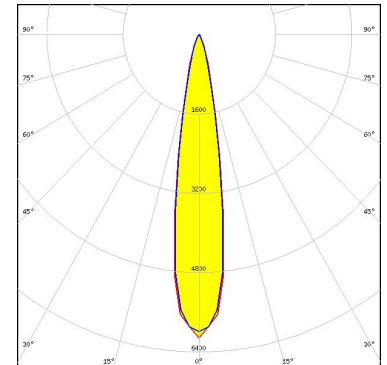
LED LUXEON Rebel
FWHM / FWTM 13.0° / 28.0°
Efficiency 92 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON Rebel ES
FWHM / FWTM 18.0° / 36.0°
Efficiency 93 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files




LED NCSxx19A
FWHM / FWTM 16.0° / 35.0°
Efficiency 91 %
Peak intensity 6.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

OPTICAL RESULTS (MEASURED):

NICHIA

| | |
|----------------------|---------------|
| LED | NF2x757G |
| FWHM / FWTM | 18.0° / 42.0° |
| Efficiency | 88 % |
| Peak intensity | 5.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |



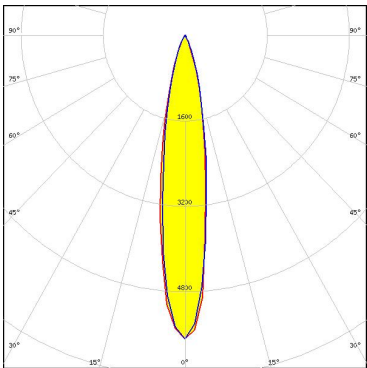

Light distribution files

NICHIA

| | |
|----------------------|---------------|
| LED | NVSxx19A |
| FWHM / FWTM | 19.0° / 42.0° |
| Efficiency | 91 % |
| Peak intensity | 4.9 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

OSRAM
Opto Semiconductors

| | |
|----------------------|-------------------|
| LED | Duris S5 (2 chip) |
| FWHM / FWTM | 18.0° / 41.0° |
| Efficiency | 90 % |
| Peak intensity | 5.7 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |

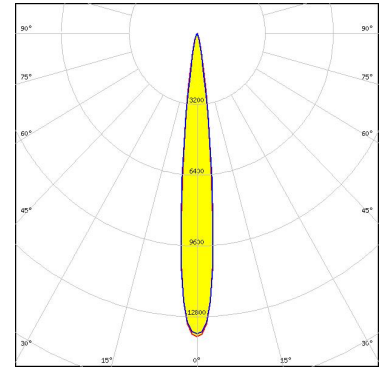


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

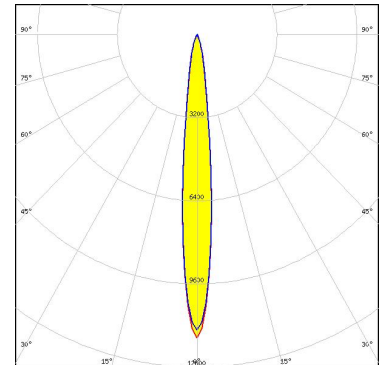
LED OSLON SSL 150
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 90 %
 Peak intensity 13.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

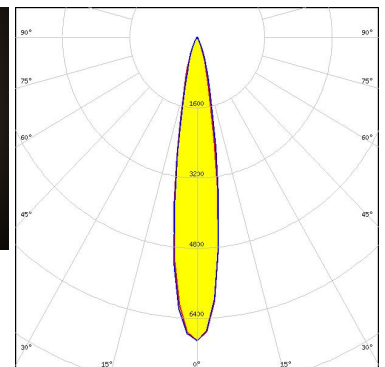
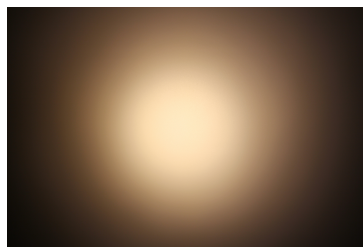
LED OSLON SSL 80
 FWHM / FWTM 11.0° / 26.0°
 Efficiency 90 %
 Peak intensity 11.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

SEOL
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2
 FWHM / FWTM 18.0° / 36.0°
 Efficiency 91 %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

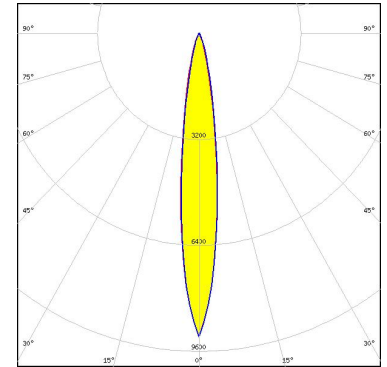


Light distribution files

OPTICAL RESULTS (SIMULATED):



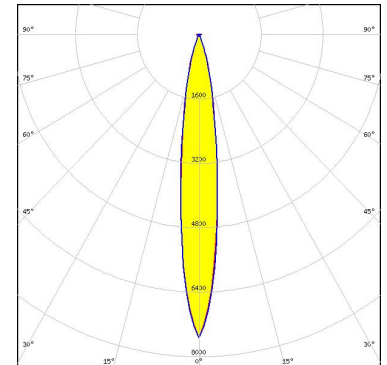
LED J Series 2835
 FWHM / FWTM 14.0° / 32.0°
 Efficiency 97 %
 Peak intensity 9.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



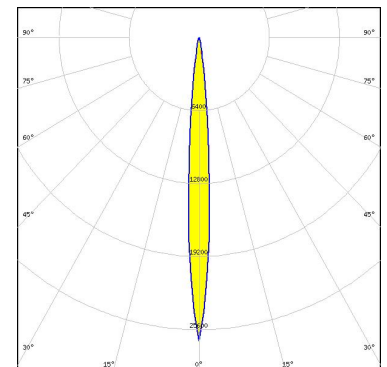
LED XB-D
 FWHM / FWTM 14.0° / 34.0°
 Efficiency 93 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED LUXEON CZ
 FWHM / FWTM 8.0° / 18.0°
 Efficiency 96 %
 Peak intensity 26.6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

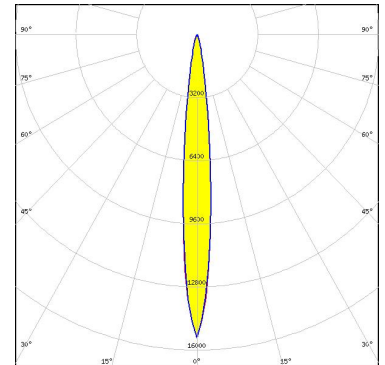
OPTICAL RESULTS (SIMULATED):



LED LUXEON T
FWHM / FWTM 17.0° / 32.0°
Efficiency 92 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



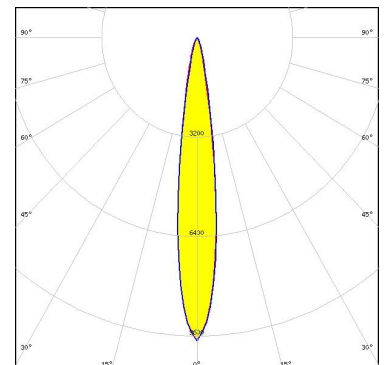
LED OSCONIQ P 3030
FWHM / FWTM 10.0° / 24.0°
Efficiency 95 %
Peak intensity 15.4 cd/lm
LEDs/each optic 1
Light colour/type Blue
Required components:



Light distribution files



LED OSLOM Square CSSRM2/CSSRM3
FWHM / FWTM 15.0° / 29.0°
Efficiency 94 %
Peak intensity 9.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):

SHARP

| | |
|-------------------|---------------------|
| LED | Double Dome (GM2BB) |
| FWHM / FWTM | 12.0° |
| Efficiency | % |
| LEDs/each optic | 1 |
| Light colour/type | 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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