

ANNA-40-7-W

~30° wide beam with 7 optics

SPECIFICATION:

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

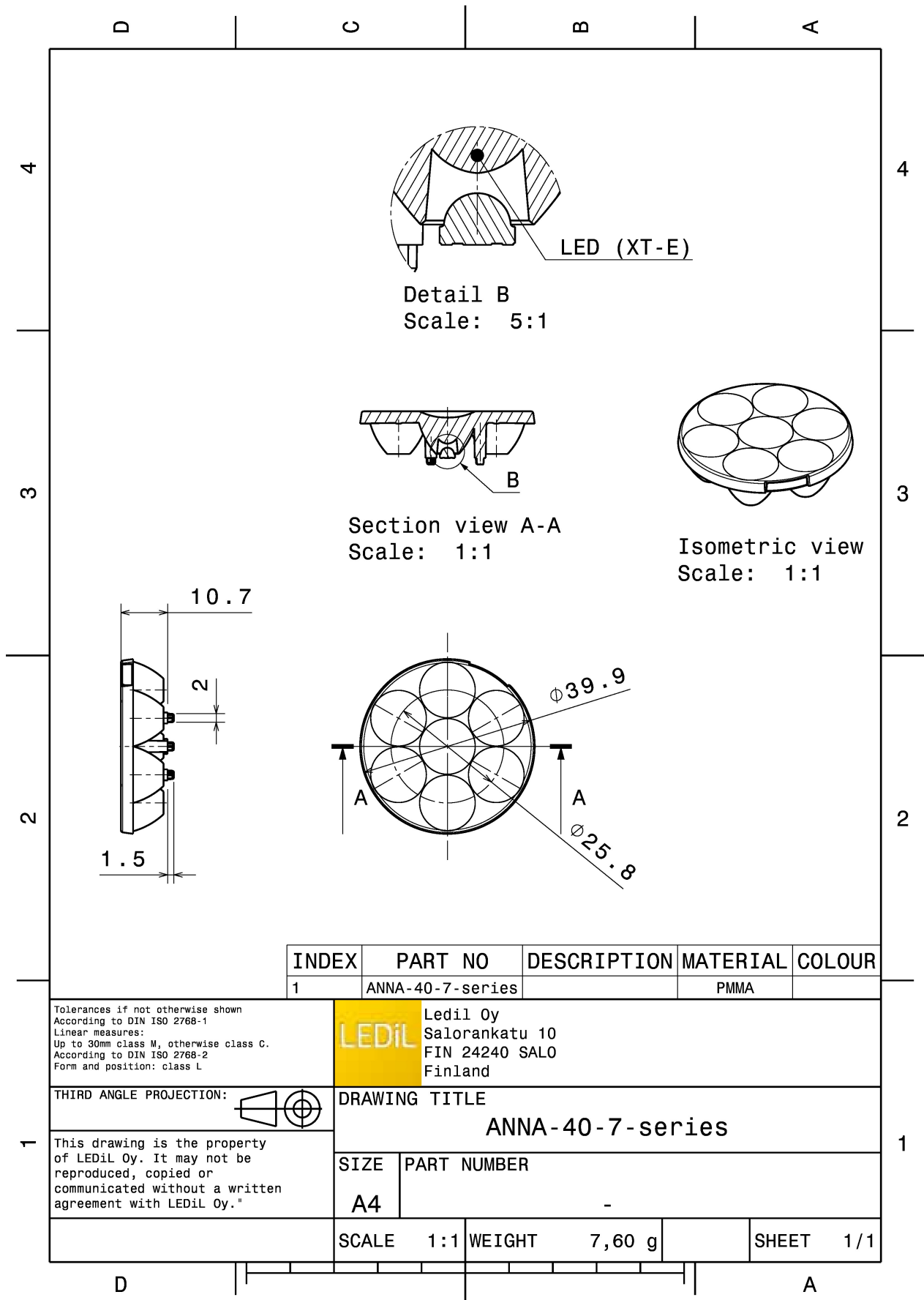
MATERIALS:

| Component | Type | Material | Colour | Finish |
|-------------|------------|----------|--------|--------|
| ANNA-40-7-W | Multi-lens | PMMA | clear | |



ORDERING INFORMATION:

| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| C13485_ANNA-40-7-W » Box size: 480 x 280 x 300 mm | 760 | 120 | 40 | 7.5 |



| INDEX | PART NO | DESCRIPTION | MATERIAL | COLOUR |
|-------|------------------|-------------|----------|--------|
| 1 | ANNA-40-7-series | | PMMA | |

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

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THIRD ANGLE PROJECTION:

DRAWING TITLE
ANNA-40-7-series

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| SIZE | PART NUMBER |
|------|-------------|
| A4 | - |

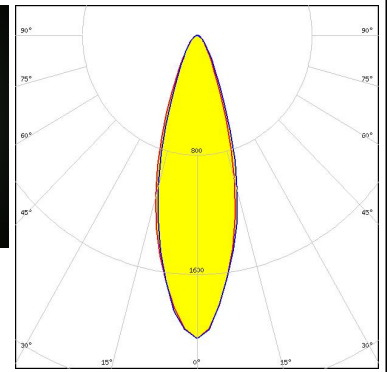
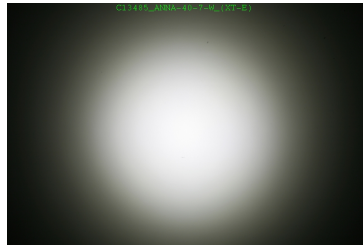
| SCALE | 1:1 | WEIGHT | 7,60 g | SHEET | 1/1 |
|-------|-----|--------|--------|-------|-----|
|-------|-----|--------|--------|-------|-----|

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

OPTICAL RESULTS (MEASURED):



| | |
|----------------------|---------------|
| LED | XT-E |
| FWHM / FWTM | 33.0° / 62.0° |
| Efficiency | 86 % |
| Peak intensity | 2 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



OPTICAL RESULTS (SIMULATED):

| | |
|---|--|
| <p>CREE LEDs</p> <p>LED J Series 2835 FWHM / FWTM 27.0° / 54.0° Efficiency 96 % Peak intensity 3.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p> | |
| <p>CREE LEDs</p> <p>LED XB-D FWHM / FWTM 35.4° / 60.9° Efficiency 89 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p> | |
| <p>CREE LEDs</p> <p>LED XP-G FWHM / FWTM 42.0° / 67.0° Efficiency 92 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p> | |
| <p>CREE LEDs</p> <p>LED XP-L HD FWHM / FWTM 41.0° / 77.0° Efficiency 88 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p> | |

OPTICAL RESULTS (SIMULATED):

| | |
|---|--|
| <p>LUMILEDS</p> <p>LED: LUXEON HL1Z</p> <p>FWHM / FWTM: 26.0° / 42.0 + 44.0°</p> <p>Efficiency: 96 %</p> <p>Peak intensity: 4.1 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> | |
| <p>LUMILEDS</p> <p>LED: LUXEON PWT</p> <p>FWHM / FWTM: 14.7° / 29.1°</p> <p>Efficiency: 88 %</p> <p>Peak intensity: 8.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> | |
| <p>LUMILEDS</p> <p>LED: LUXEON T</p> <p>FWHM / FWTM: 30.0° / 58.0°</p> <p>Efficiency: 92 %</p> <p>Peak intensity: 2.9 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> | |
| <p>LUMILEDS</p> <p>LED: LUXEON TX</p> <p>FWHM / FWTM: 34.0° / 64.0°</p> <p>Efficiency: 92 %</p> <p>Peak intensity: 2.2 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p> | |

OPTICAL RESULTS (SIMULATED):

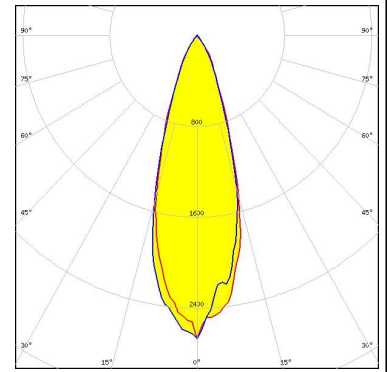
| | |
|---|--|
| <p>NICHIA</p> <p>LED: NCSxx19A FWHM / FWTM: 24.1° / 47.1° Efficiency: 88 % Peak intensity: 3.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> | |
| <p>NICHIA</p> <p>LED: NF2x757A FWHM / FWTM: 19.5° / 43.6° Efficiency: 92 % Peak intensity: 5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> | |
| <p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM / FWTM: 32.0° / 63.0° Efficiency: 92 % Peak intensity: 2.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> | |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSOLON Square CSSRM2/CSSRM3 FWHM / FWTM: 34.0° / 64.0° Efficiency: 94 % Peak intensity: 2.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> | |

OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

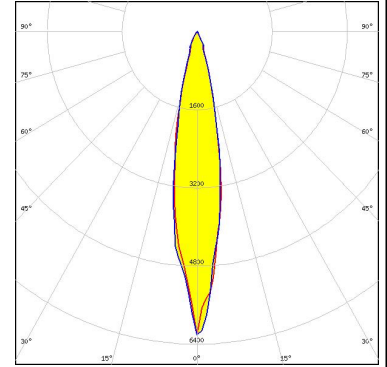
LED OSLON Square EC
 FWHM / FWTM 31.5° / 59.2°
 Efficiency 91 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

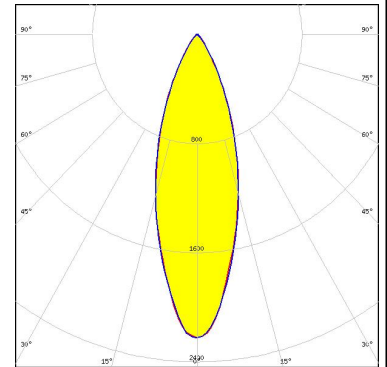
Opto Semiconductors

LED SFH 4715S
 FWHM / FWTM 18.0° / 36.0°
 Efficiency 89 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



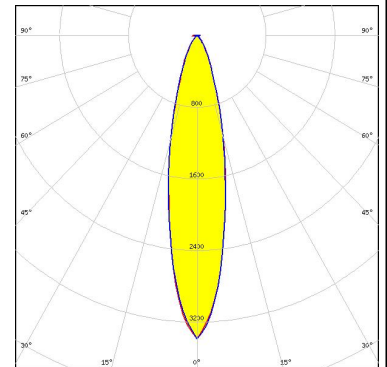
SAMSUNG

LED LH351B
 FWHM / FWTM 32.0° / 64.0°
 Efficiency 95 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


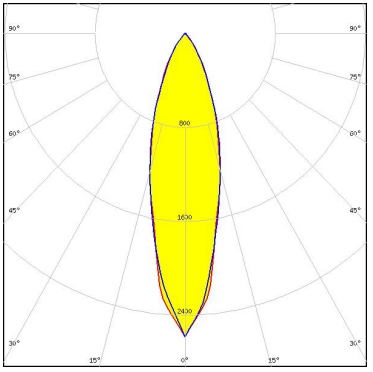
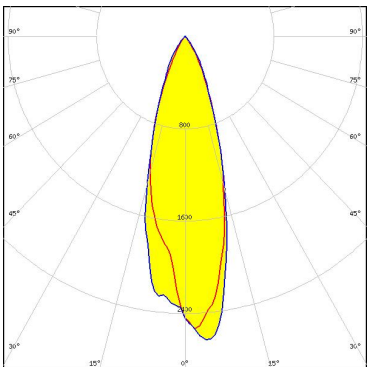


SEOUL SEMICONDUCTOR

LED Z8Y22
 FWHM / FWTM 22.0° / 52.0°
 Efficiency 94 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

| | |
|--|--|
| <p> SEOUL SEMICONDUCTOR</p> <p>LED: Z8Y22P FWHM / FWTM: 28.0° Efficiency: 91 % Peak intensity: 2.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>SHARP</p> <p>LED: Double Dome (GM2BB) FWHM / FWTM: 28.9° / 59.3° Efficiency: 89 % Peak intensity: 2.7 cd/lm 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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