# DAISY-4X1-W

**~50° wide beam**




## SPECIFICATION:

| | |
|---|---|
| Dimensions | 182.0 x 40.0 |
| Height | 20.2 mm |
| Fastening | pin, screw |
| ROHS compliant | yes |

## MATERIALS:

| Component | Type | Material | Colour | Finish | Length (mm) |
|---|---|---|---|---|---|
| DAISY-4X1-W | Linear lens | PMMA | clear | | |
| » Box size: 480 x 280 x 300 mm | | | | | |
| DAISY-4X1-SHD | Shade | PC | black | gloss | |
| » Box size: 480 x 280 x 300 mm | | | | | |
| DAISY-4X1-SHD-WHT | Shade | PC | white | gloss | |
| » Box size: 480 x 280 x 300 mm | | | | | |
| DAISY-4X1-SHD2-MATT | Shade | PC-ABS | black | matt | |
| » Box size: 480 x 280 x 300 mm | | | | | |
| DAISY-4X1-SHD2-WHT-MATT | Shade | PC | white | matt | |
| » Box size: 480 x 280 x 300 mm | | | | | |
| DAISY-4X1-SHD-MET | Shade | PC | metal | gloss | |
| » Box size: 480 x 280 x 300 mm | | | | | |
| DAISY-4X1-SHD2-MET-MATT | Shade | PC | metal | matt | |
| » Box size: 480 x 280 x 300 mm | | | | | |
| DAISY-4X1-SHD2-MET | Shade | PC | metal | gloss | |
| » Box size: 480 x 280 x 300 mm | | | | | |
| DAISY-4X1-SHD-MET-MATT | Shade | PC | metal | matt | |
| » Box size: 480 x 280 x 300 mm | | | | | |
| DAISY-4X1-SHD2 | Shade | PC-ABS | black | gloss | |
| » Box size: 480 x 280 x 300 mm | | | | | |


LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

| | | | | |
|---|---|---|---|---|
| » Box size: 480 x 280 x 300 mm | | | | |
| DAISY-4X1-SHD3-MATT | Shade | PC-ABS | black | matt |
| » Box size: 480 x 280 x 300 mm | | | | |
| DAISY-4X1-SHD3-WHT | Shade | PC | white | gloss |
| » Box size: 480 x 280 x 300 mm | | | | |
| DAISY-4X1-SHD3-WHT-MATT | Shade | PC | white | matt |
| » Box size: 480 x 280 x 300 mm | | | | |
| DAISY-4X1-SHD3-MET | Shade | PC | metal | gloss |
| » Box size: 480 x 280 x 300 mm | | | | |
| DAISY-4X1-SHD3-MET-MATT | Shade | PC-ABS | metal | matt |
| » Box size: 480 x 280 x 300 mm | | | | |
| DAISY-4X1-SHD2-WHT | Shade | PC | white | gloss |
| » Box size: 480 x 280 x 300 mm | | | | |

## ORDERING INFORMATION:

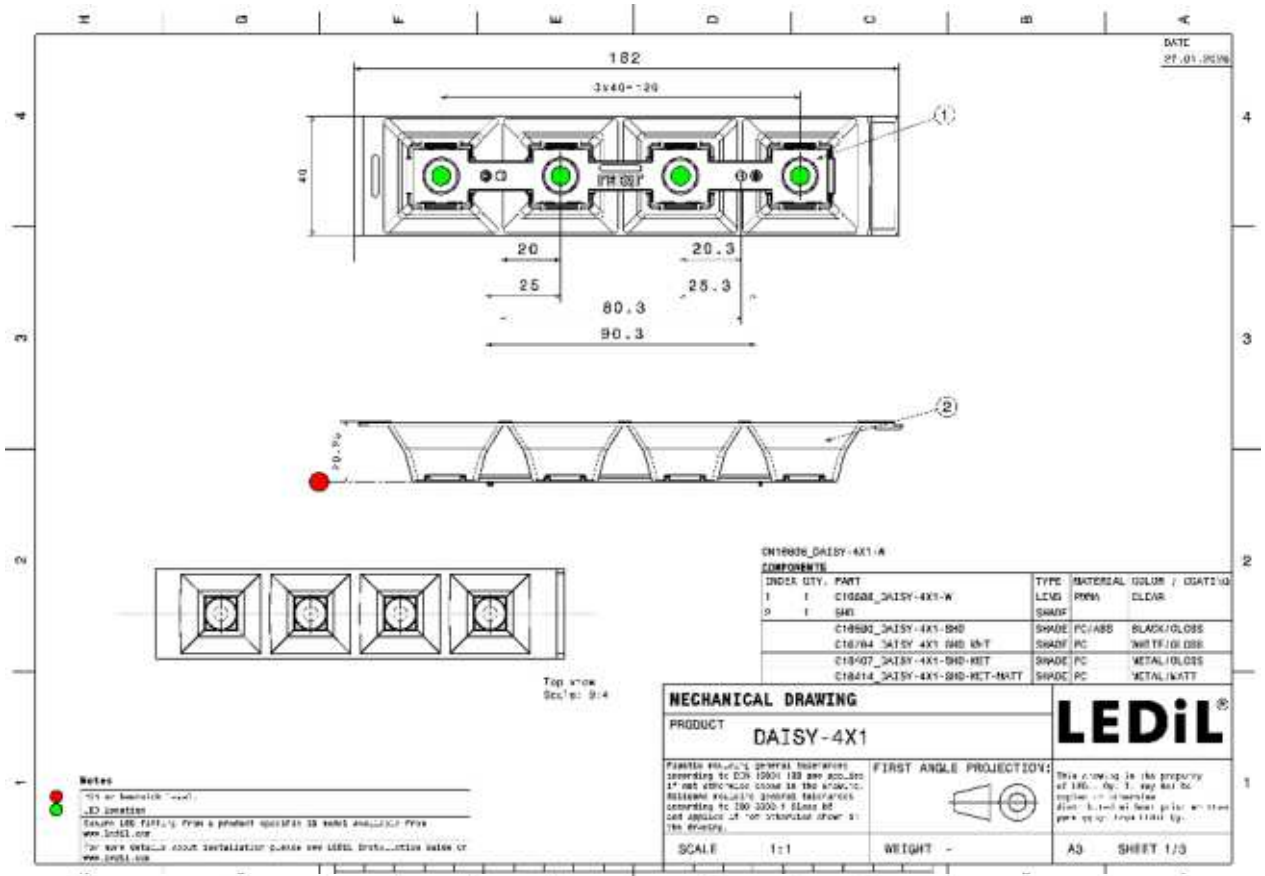
### Quantities for one set:

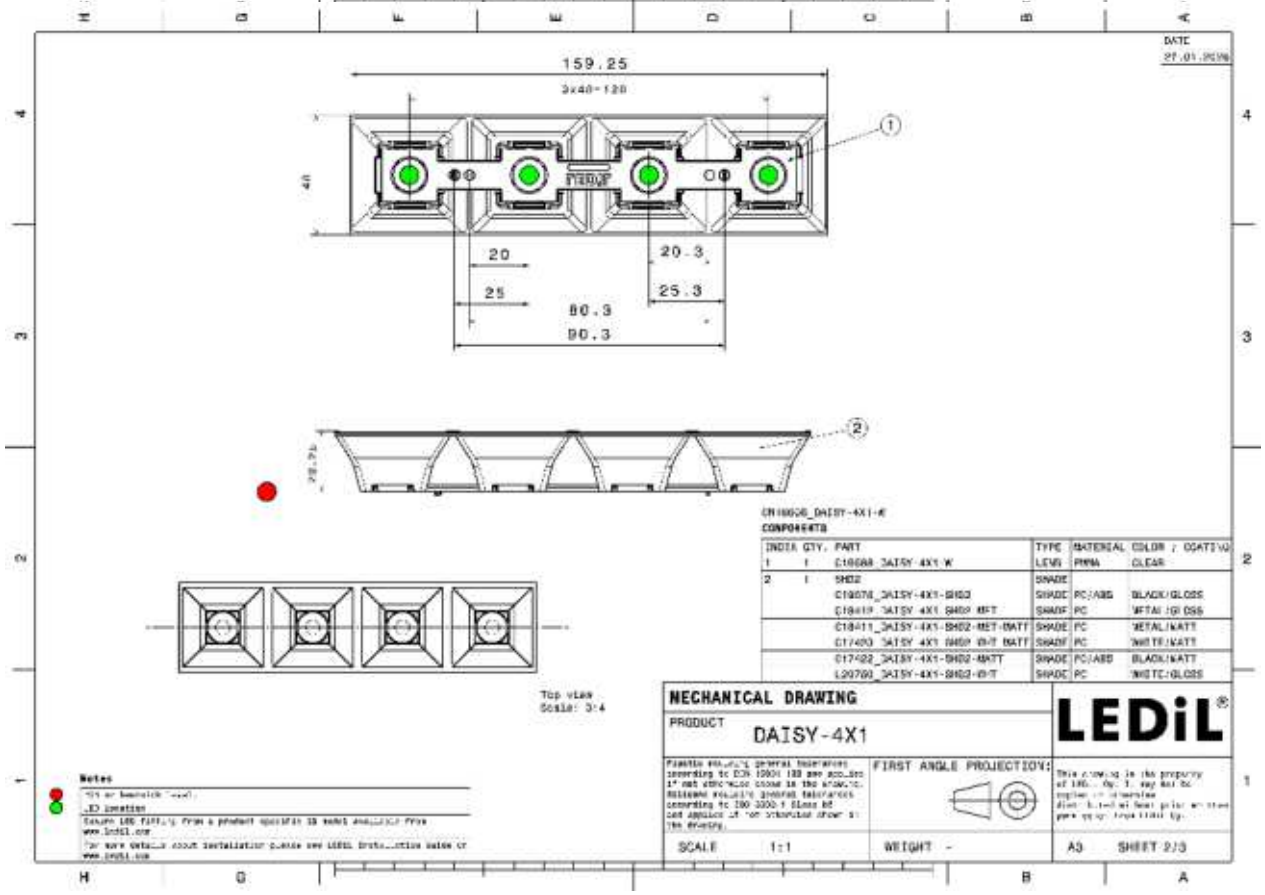
| | |
|---|---|
| Linear lens | 1 |
| Shade | 1 |


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| Component | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|---|---|---|---|
| C16588_DAISY-4X1-W | 504 | 336 | 21 | 6.3 |
| C18414_DAISY-4X1-SHD-MET-MATT | 168 | 336 | 42 | 4.3 |
| L20750_DAISY-4X1-SHD2-WHT | 168 | 336 | 42 | 4.5 |
| C18412_DAISY-4X1-SHD2-MET | 168 | 336 | 42 | |
| L20008_DAISY-4X1-SHD3-MET-MATT | 168 | 336 | 42 | 3.8 |
| C18411_DAISY-4X1-SHD2-MET-MATT | 168 | 336 | 42 | 4.7 |
| L20007_DAISY-4X1-SHD3-MET | 168 | 336 | 42 | 4.0 |
| C18407_DAISY-4X1-SHD-MET | 168 | 336 | 42 | 4.3 |
| L20006_DAISY-4X1-SHD3-WHT-MATT | 168 | 336 | 42 | 4.0 |
| C17423_DAISY-4X1-SHD2-WHT-MATT | 168 | 336 | 42 | 4.9 |
| L20005_DAISY-4X1-SHD3-WHT | 168 | 336 | 42 | 4.0 |
| C17422_DAISY-4X1-SHD2-MATT | 168 | 336 | 42 | 4.7 |
| L20004_DAISY-4X1-SHD3-MATT | 168 | 336 | 42 | 3.8 |
| C16784_DAISY-4X1-SHD-WHT | 168 | 336 | 42 | 5.2 |
| L20003_DAISY-4X1-SHD3 | 168 | 336 | 42 | 4.0 |
| C16590_DAISY-4X1-SHD | 168 | 336 | 42 | 4.9 |
| C19075_DAISY-4X1-SHD2 | 168 | 336 | 42 | 4.4 |

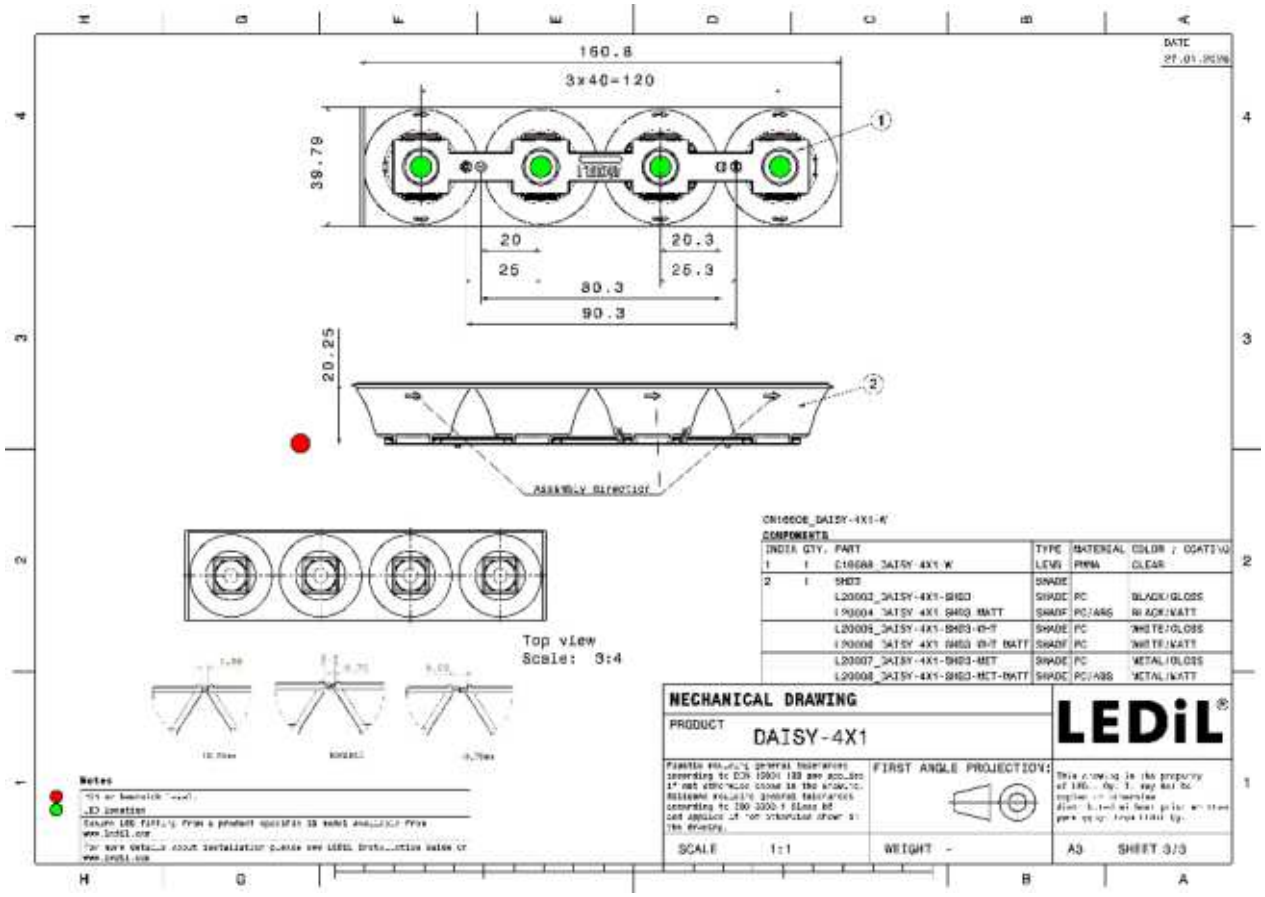

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See also our general installation guide: [www.ledil.com/installation_guide](www.ledil.com/installation_guide)


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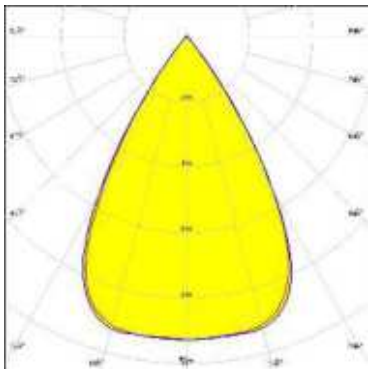
## OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

| | |
|---|---|
| LED | LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm |
| FWHM / FWTM | 63.0° / 77.5° |
| Efficiency | 88 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C17422_DAISY-4X1-SHD2-MATT





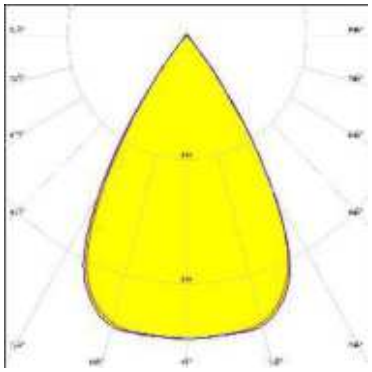
Light distribution files

AUDAX ELECTRONICS

| | |
|---|---|
| LED | LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm |
| FWHM / FWTM | 63.0° / 78.0° |
| Efficiency | 94 % |
| Peak intensity | 1 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C17528_DAISY-4X1-SHD-MET





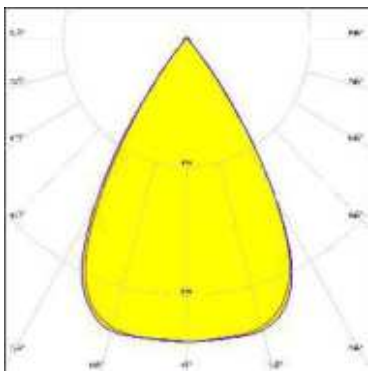
Light distribution files

AUDAX ELECTRONICS

| | |
|---|---|
| LED | LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm |
| FWHM / FWTM | 64.0° / 78.0° |
| Efficiency | 94 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C16784_DAISY-4X1-SHD-WHT





Light distribution files


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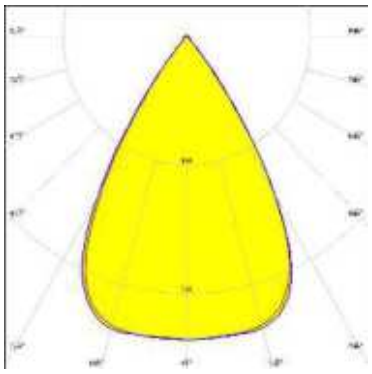
## OPTICAL RESULTS (MEASURED):

AUDAX ELECTRONICS

| | |
|---|---|
| LED | LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm |
| FWHM / FWTM | 64.0° / 78.0° |
| Efficiency | 94 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C17423_DAISY-4X1-SHD2-WHT-MATT





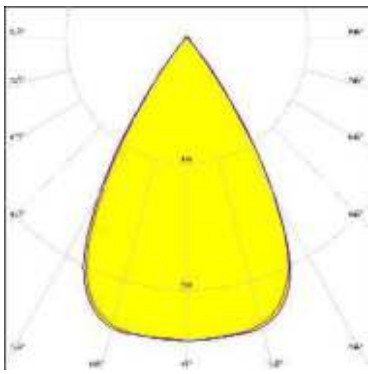
Light distribution files

AUDAX ELECTRONICS

| | |
|---|---|
| LED | LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm |
| FWHM / FWTM | 63.0° / 78.0° |
| Efficiency | 93 % |
| Peak intensity | 1 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C17535_DAISY-4X1-SHD2-MET-MATT





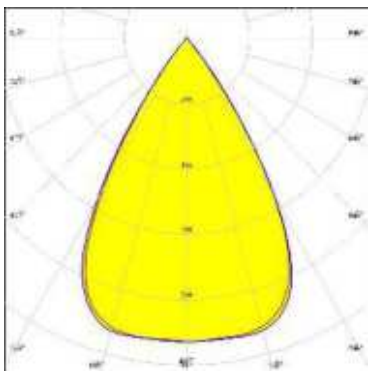
Light distribution files

AUDAX ELECTRONICS

| | |
|---|---|
| LED | LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm |
| FWHM / FWTM | 63.0° / 77.0° |
| Efficiency | 88 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C16590_DAISY-4X1-SHD





Light distribution files

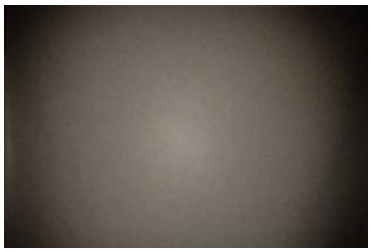

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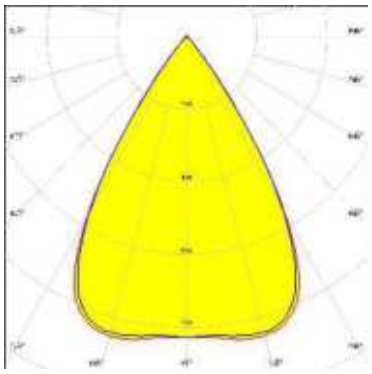
## OPTICAL RESULTS (MEASURED):

inventronics

| | |
|---|---|
| LED | PL-LIN-1000 140x24mm |
| FWHM / FWTM | 65.0° / 78.0° |
| Efficiency | 87 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C17422_DAISY-4X1-SHD2-MATT





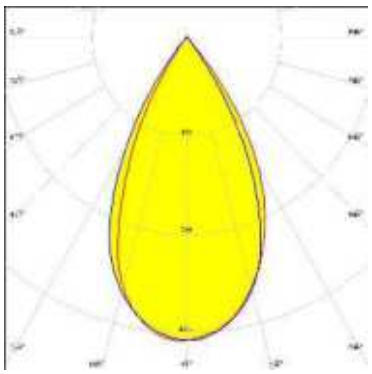
Light distribution files

MST Your solutions

| | |
|---|---|
| LED | LinLED 156x28mm 2x200lm 827-865 2x2C 12V Opt G1 |
| FWHM / FWTM | 54.0° / 74.0° |
| Efficiency | 90 % |
| Peak intensity | 1.2 cd/lm |
| LEDs/each optic | 2 |
| Light colour/type | Tunable White |

Required components:
C16590_DAISY-4X1-SHD





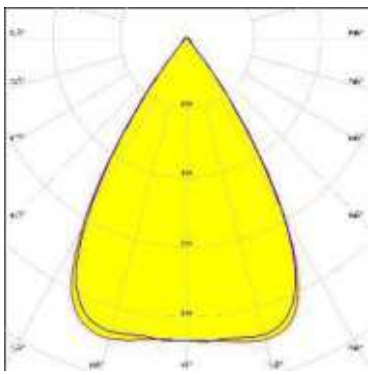
Light distribution files

MST Your solutions

| | |
|---|---|
| LED | LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1 |
| FWHM / FWTM | 65.0 + 64.5° / 80.0 + 78.5° |
| Efficiency | 94 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | Tunable White |

Required components:
C16784_DAISY-4X1-SHD-WHT





Light distribution files

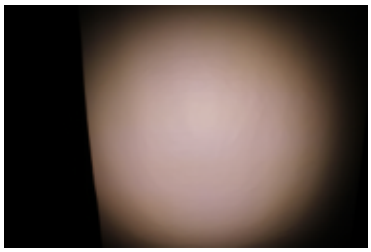

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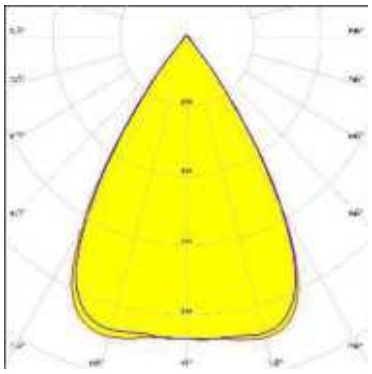
## OPTICAL RESULTS (MEASURED):

MST Your solutions

| | |
|---|---|
| LED | LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1 |
| FWHM / FWTM | 65.0 + 64.5° / 80.0 + 78.5° |
| Efficiency | 94 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | Tunable White |

Required components:
C17423_DAISY-4X1-SHD2-WHT-MATT





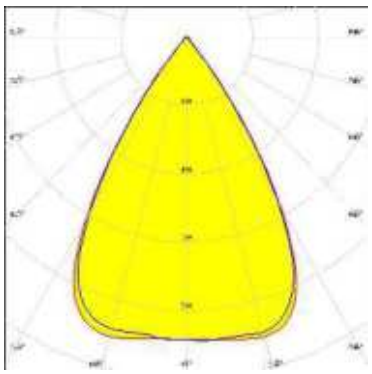
Light distribution files

MST Your solutions

| | |
|---|---|
| LED | LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1 |
| FWHM / FWTM | 65.0 + 64.5° / 80.0 + 78.5° |
| Efficiency | 93 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | Tunable White |

Required components:
C17535_DAISY-4X1-SHD2-MET-MATT



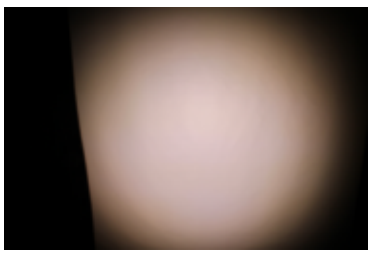


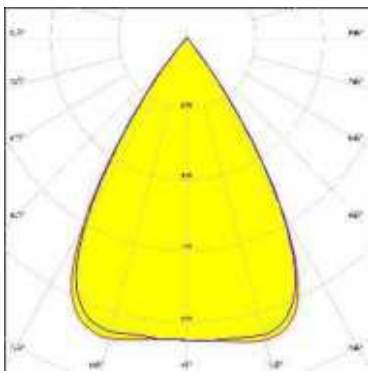
Light distribution files

MST Your solutions

| | |
|---|---|
| LED | LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1 |
| FWHM / FWTM | 65.0 + 64.5° / 79.0 + 78.0° |
| Efficiency | 88 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | Tunable White |

Required components:
C16590_DAISY-4X1-SHD





Light distribution files


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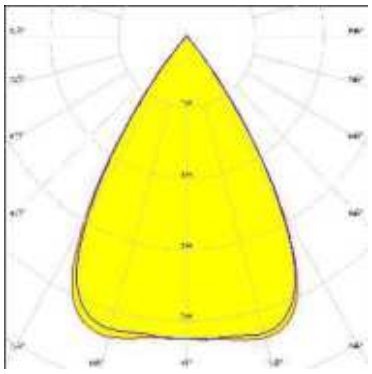
## OPTICAL RESULTS (MEASURED):

MST Your solutions

| | |
|---|---|
| LED | LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1 |
| FWHM / FWTM | 65.0 + 64.5° / 79.0 + 78.0° |
| Efficiency | 88 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | Tunable White |

Required components:
C17422_DAISY-4X1-SHD2-MATT



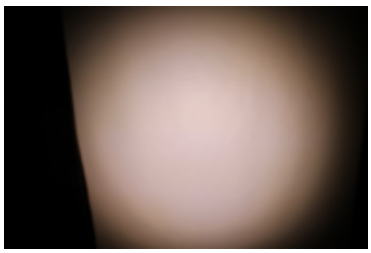


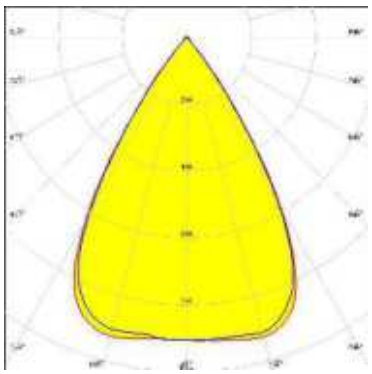
Light distribution files

MST Your solutions

| | |
|---|---|
| LED | LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1 |
| FWHM / FWTM | 64.5° / 79.0 + 78.5° |
| Efficiency | 93 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | Tunable White |

Required components:
C17528_DAISY-4X1-SHD-MET



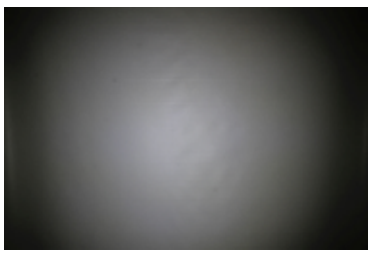


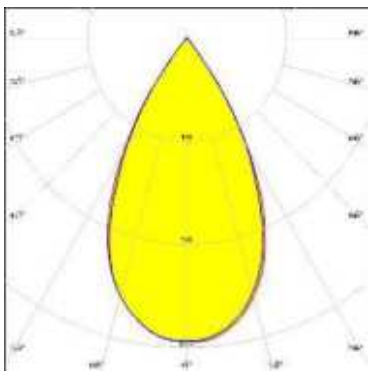
Light distribution files

MST Your solutions

| | |
|---|---|
| LED | LinLED 156x28mm 400lm 8x0 2C 12V Opt G1 |
| FWHM / FWTM | 56.0° / 75.0° |
| Efficiency | 90 % |
| Peak intensity | 1.2 cd/lm |
| LEDs/each optic | 2 |
| Light colour/type | White |

Required components:
C16590_DAISY-4X1-SHD





Light distribution files


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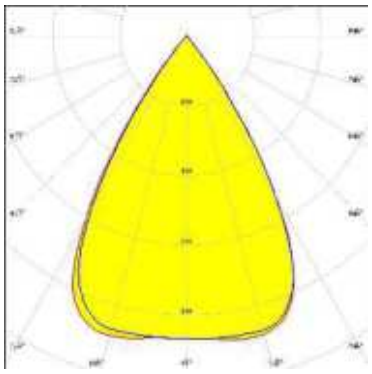
## OPTICAL RESULTS (MEASURED):

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| | |
|---|---|
| LED | LinLED 156x28mm 800lm 8x0 2C 12V Opt G1 |
| FWHM / FWTM | 64.0° / 79.0 + 77.5° |
| Efficiency | 87 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C17422_DAISY-4X1-SHD2-MATT





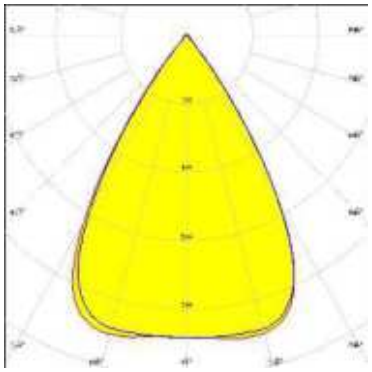
Light distribution files

MST Your solutions

| | |
|---|---|
| LED | LinLED 156x28mm 800lm 8x0 2C 12V Opt G1 |
| FWHM / FWTM | 65.0 + 64.5° / 80.0 + 78.5° |
| Efficiency | 93 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C16784_DAISY-4X1-SHD-WHT



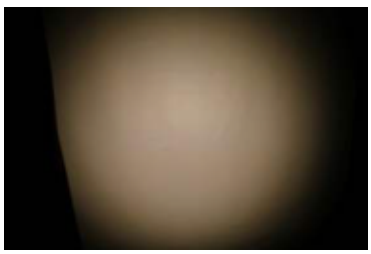


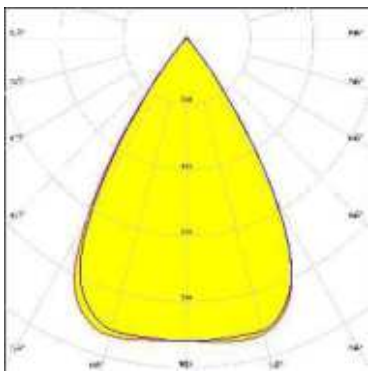
Light distribution files

MST Your solutions

| | |
|---|---|
| LED | LinLED 156x28mm 800lm 8x0 2C 12V Opt G1 |
| FWHM / FWTM | 64.0 + 63.5° / 79.0 + 77.5° |
| Efficiency | 93 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C17528_DAISY-4X1-SHD-MET





Light distribution files


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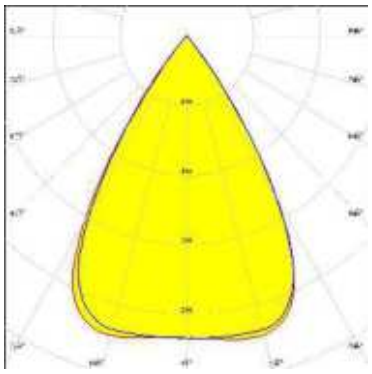
## OPTICAL RESULTS (MEASURED):

MST Your solutions

| | |
|---|---|
| LED | LinLED 156x28mm 800lm 8x0 2C 12V Opt G1 |
| FWHM / FWTM | 64.5° / 79.0 + 77.5° |
| Efficiency | 88 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C16590_DAISY-4X1-SHD





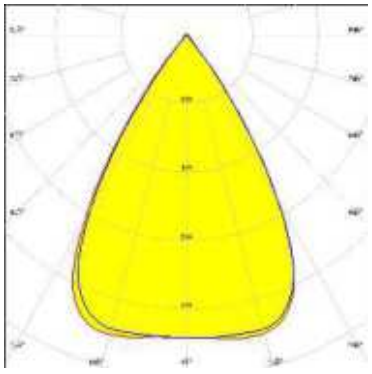
Light distribution files

MST Your solutions

| | |
|---|---|
| LED | LinLED 156x28mm 800lm 8x0 2C 12V Opt G1 |
| FWHM / FWTM | 65.0 + 64.5° / 79.5 + 78.5° |
| Efficiency | 93 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C17423_DAISY-4X1-SHD2-WHT-MATT





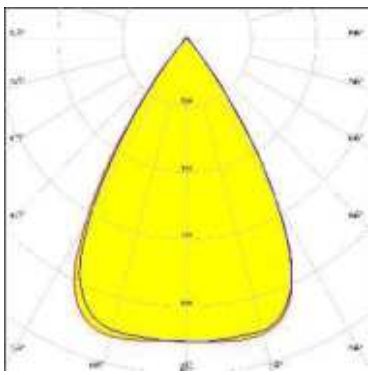
Light distribution files

MST Your solutions

| | |
|---|---|
| LED | LinLED 156x28mm 800lm 8x0 2C 12V Opt G1 |
| FWHM / FWTM | 64.5 + 64.0° / 79.0 + 78.5° |
| Efficiency | 92 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C17537_DAISY-28X1-SHD-MET-MATT





Light distribution files

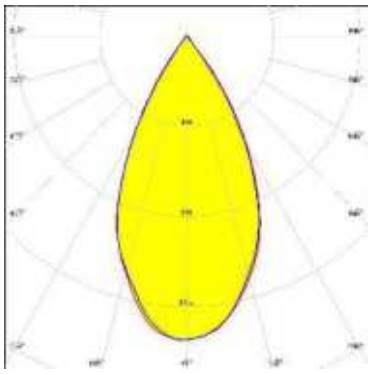

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

## OPTICAL RESULTS (MEASURED):

NICHIA

| | |
|---|---|
| LED | NF2W757G-MT (Tunable White) |
| FWHM / FWTM | 53.0° / 74.0° |
| Efficiency | 96 % |
| Peak intensity | 1.3 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | Tunable White |
| Required components: | |
| C16784_DAISY-4X1-SHD-WHT | |



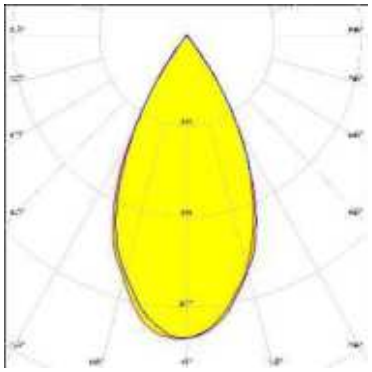


Light distribution files

NICHIA

| | |
|---|---|
| LED | NF2W757G-MT (Tunable White) |
| FWHM / FWTM | 53.0° / 73.0° |
| Efficiency | 91 % |
| Peak intensity | 1.3 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | Tunable White |
| Required components: | |
| C16590_DAISY-4X1-SHD | |



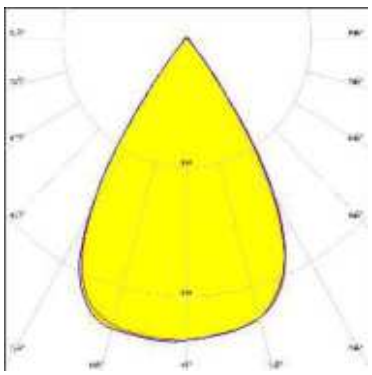


Light distribution files

SAMSUNG

| | |
|---|---|
| LED | LM28xB Series |
| FWHM / FWTM | 64.0° / 78.0° |
| Efficiency | 94 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |
| Required components: | |
| C16784_DAISY-4X1-SHD-WHT | |





Light distribution files


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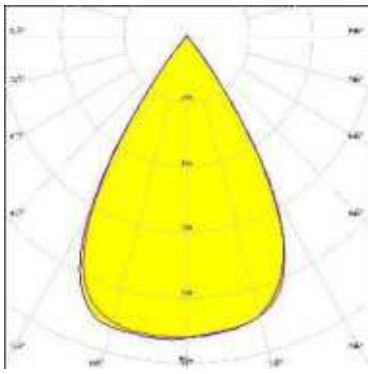
## OPTICAL RESULTS (MEASURED):

SAMSUNG

| | |
|---|---|
| LED | LM28xB Series |
| FWHM / FWTM | 64.0° / 77.0° |
| Efficiency | 89 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C16590_DAISY-4X1-SHD





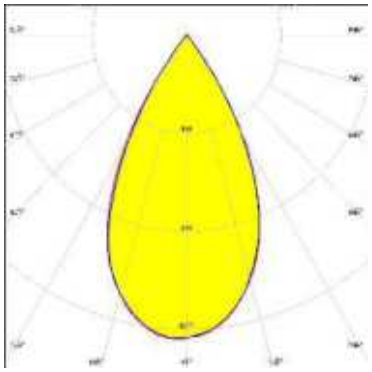
Light distribution files

SAMSUNG

| | |
|---|---|
| LED | LM28xB Series |
| FWHM / FWTM | 55.0° / 73.0° |
| Efficiency | 91 % |
| Peak intensity | 1.2 cd/lm |
| LEDs/each optic | 2 |
| Light colour/type | White |

Required components:
C16590_DAISY-4X1-SHD





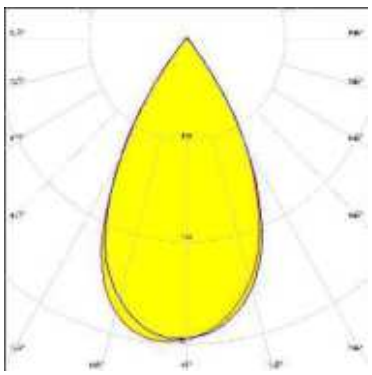
Light distribution files

SAMSUNG

| | |
|---|---|
| LED | LM28xB Series |
| FWHM / FWTM | 56.0° / 75.0° |
| Efficiency | 94 % |
| Peak intensity | 1.2 cd/lm |
| LEDs/each optic | 2 |
| Light colour/type | White |

Required components:
C16784_DAISY-4X1-SHD-WHT





Light distribution files


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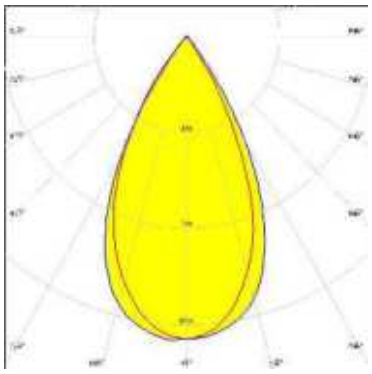
## OPTICAL RESULTS (MEASURED):

SAMSUNG

| | |
|---|---|
| LED | LM28xB Series |
| FWHM / FWTM | 54.0° / 73.0° |
| Efficiency | 91 % |
| Peak intensity | 1.3 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |

Required components:
C17422_DAISY-4X1-SHD2-MATT



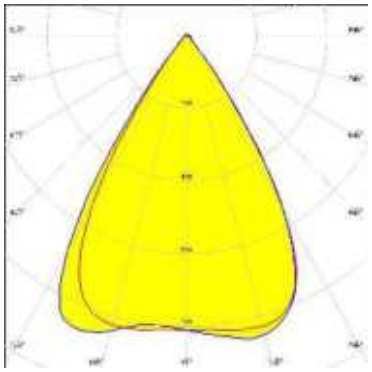


Light distribution files

| | |
|---|---|
| LED | SEOUL DC 3030 |
| FWHM / FWTM | 66.0° / 79.0° |
| Efficiency | 92 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | Tunable White |

Required components:
C16784_DAISY-4X1-SHD-WHT



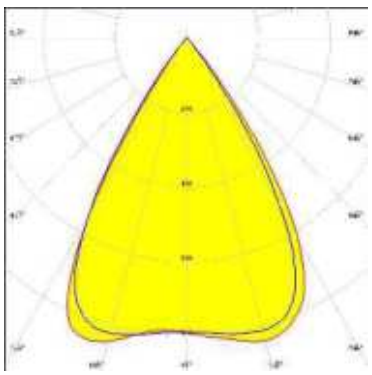


Light distribution files

| | |
|---|---|
| LED | SEOUL DC 3030 |
| FWHM / FWTM | 65.0° / 78.0° |
| Efficiency | 86 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | Tunable White |

Required components:
C16590_DAISY-4X1-SHD





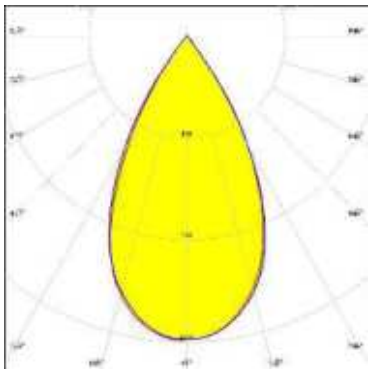
Light distribution files


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## OPTICAL RESULTS (MEASURED):

| | |
|---|---|
| LED | SEOUL DC 3528 |
| FWHM / FWTM | 56.0° / 75.0° |
| Efficiency | 90 % |
| Peak intensity | 1.2 cd/lm |
| LEDs/each optic | 2 |
| Light colour/type | White |
| Required components: | |
| C16590_DAISY-4X1-SHD | |

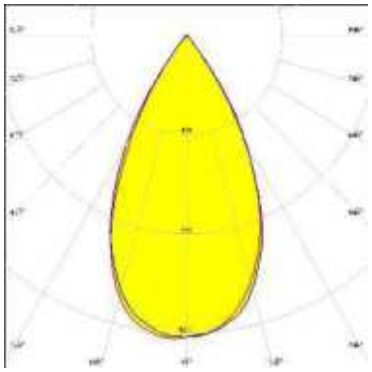




Light distribution files

| | |
|---|---|
| LED | SEOUL DC 3528 |
| FWHM / FWTM | 54.0° / 74.0° |
| Efficiency | 90 % |
| Peak intensity | 1.2 cd/lm |
| LEDs/each optic | 2 |
| Light colour/type | White |
| Required components: | |
| C16590_DAISY-4X1-SHD | |



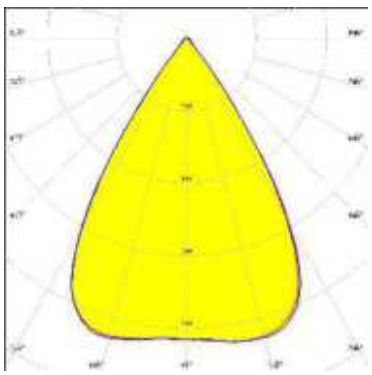


Light distribution files

TRIDONIC

| | |
|---|---|
| LED | LLE 24x140mm 400lm 827-865 LVD ADV1 |
| FWHM / FWTM | 66.0° / 80.0° |
| Efficiency | 94 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |
| Required components: | |
| C16784_DAISY-4X1-SHD-WHT | |





Light distribution files


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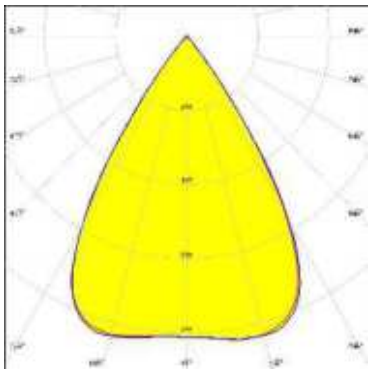
## OPTICAL RESULTS (MEASURED):

TRIDONIC

| | |
|---|---|
| LED | LLE 24x140mm 400lm 827-865 LVD ADV1 |
| FWHM / FWTM | 66.0° / 79.0° |
| Efficiency | 88 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C16590_DAISY-4X1-SHD





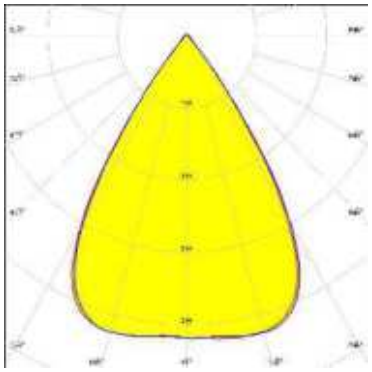
Light distribution files

TRIDONIC

| | |
|---|---|
| LED | LLE 24x140mm 400lm 8x0 LVD ADV1 |
| FWHM / FWTM | 66.0° / 80.0° |
| Efficiency | 94 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C16784_DAISY-4X1-SHD-WHT





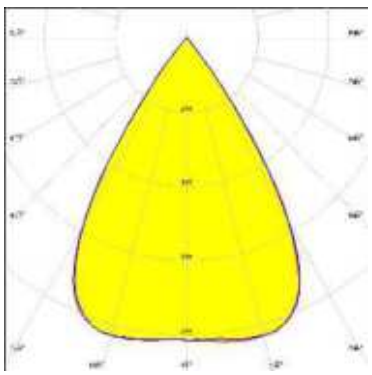
Light distribution files

TRIDONIC

| | |
|---|---|
| LED | LLE 24x140mm 400lm 8x0 LVD ADV1 |
| FWHM / FWTM | 66.0° / 79.0° |
| Efficiency | 88 % |
| Peak intensity | 0.8 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C16590_DAISY-4X1-SHD





Light distribution files


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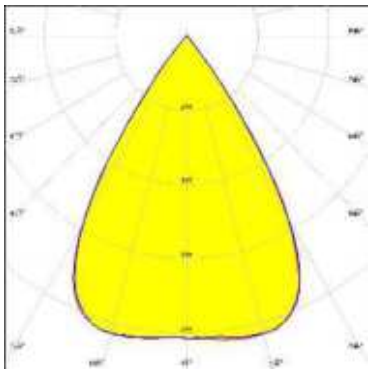
## OPTICAL RESULTS (MEASURED):

TRIDONIC

| | |
|---|---|
| LED | LLE 24x280mm 750lm 8x0 LVD ADV1 |
| FWHM / FWTM | 66.0° / 79.0° |
| Efficiency | 88 % |
| Peak intensity | 0.9 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:
C16590_DAISY-4X1-SHD





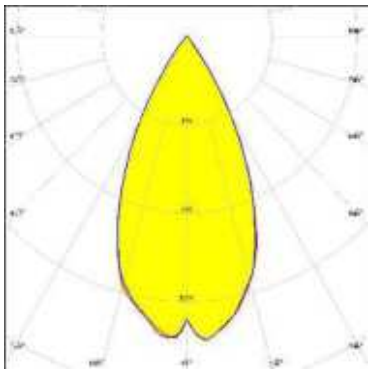
Light distribution files


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## OPTICAL RESULTS (SIMULATED):

CREE LEDs

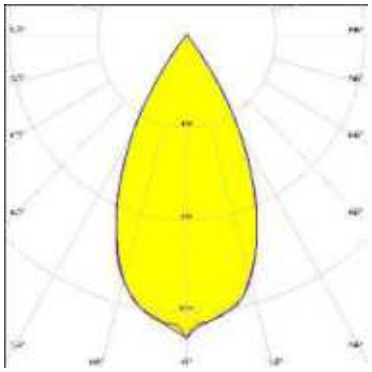
| | |
|---|---|
| LED | J Series 2835 |
| FWHM / FWTM | 50.0° / 72.0° |
| Efficiency | 88 % |
| Peak intensity | 1.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C17422_DAISY-4X1-SHD2-MATT | |



Light distribution files

CREE LEDs

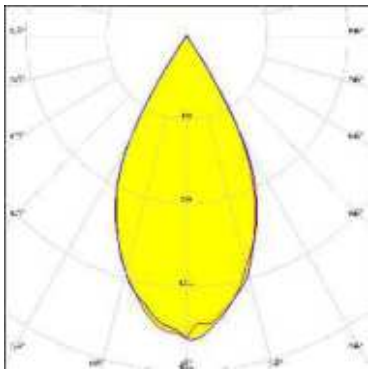
| | |
|---|---|
| LED | J Series 5050 6V P Class |
| FWHM / FWTM | 52.0° / 74.0° |
| Efficiency | 89 % |
| Peak intensity | 1.3 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C17422_DAISY-4X1-SHD2-MATT | |



Light distribution files

LUMILEDS

| | |
|---|---|
| LED | LUXEON 5050 Round LES |
| FWHM / FWTM | 54.0° / 69.0° |
| Efficiency | 92 % |
| Peak intensity | 1.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16590_DAISY-4X1-SHD | |



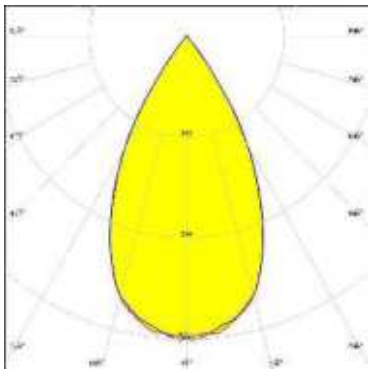
Light distribution files


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## OPTICAL RESULTS (SIMULATED):

NICHIA

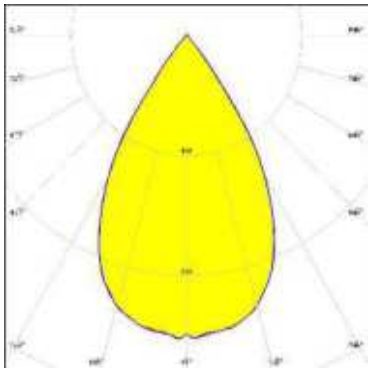
| | |
|---|---|
| LED | NF2W757G-MT (Tunable White) |
| FWHM / FWTM | 56.0° / 76.0° |
| Efficiency | 91 % |
| Peak intensity | 1.2 cd/lm |
| LEDs/each optic | 2 |
| Light colour/type | Tunable White |
| Required components: | |
| C16590_DAISY-4X1-SHD | |



Light distribution files

NICHIA

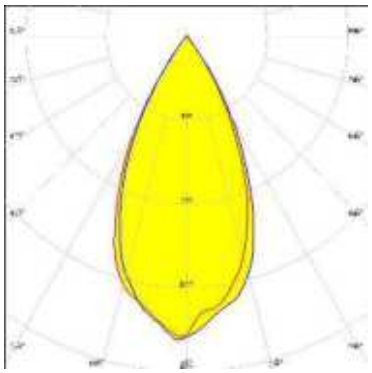
| | |
|---|---|
| LED | NF2W757G-MT (Tunable White) |
| FWHM / FWTM | 62.0° / 78.0° |
| Efficiency | 90 % |
| Peak intensity | 1 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | Tunable White |
| Required components: | |
| C16590_DAISY-4X1-SHD | |



Light distribution files

NICHIA

| | |
|---|---|
| LED | NF2x757G |
| FWHM / FWTM | 50.0° / 72.0° |
| Efficiency | 92 % |
| Peak intensity | 1.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16590_DAISY-4X1-SHD | |



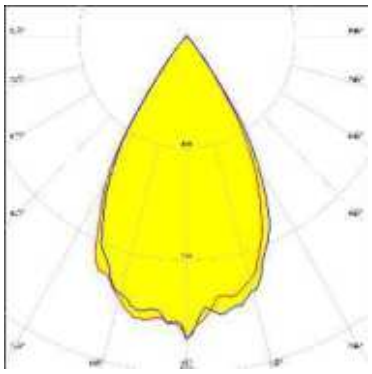
Light distribution files


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## OPTICAL RESULTS (SIMULATED):

NICHIA

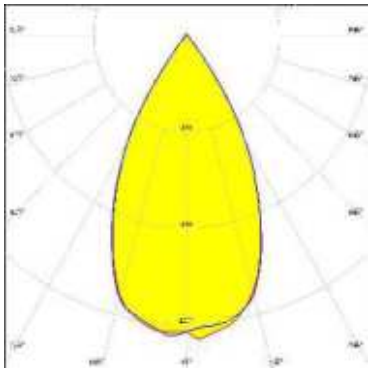
| | |
|---|---|
| LED | NF2x757G |
| FWHM / FWTM | 60.0° / 77.0° |
| Efficiency | 90 % |
| Peak intensity | 1.1 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |
| Required components: | |
| C16590_DAISY-4X1-SHD | |



Light distribution files

OSRAM

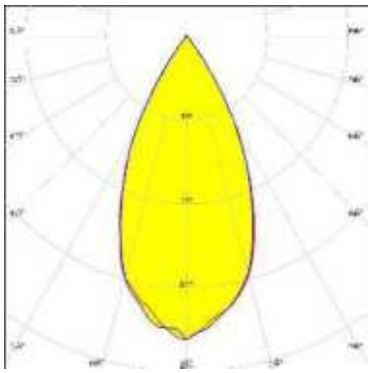
| | |
|---|---|
| LED | Duris E 2835 |
| FWHM / FWTM | 54.0° / 76.0° |
| Efficiency | 94 % |
| Peak intensity | 1.3 cd/lm |
| LEDs/each optic | 2 |
| Light colour/type | White |
| Required components: | |
| C16590_DAISY-4X1-SHD | |



Light distribution files

OSRAM

| | |
|---|---|
| LED | Duris E 2835 |
| FWHM / FWTM | 50.0° / 72.0° |
| Efficiency | 94 % |
| Peak intensity | 1.5 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16590_DAISY-4X1-SHD | |



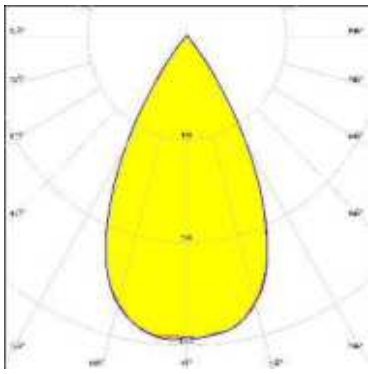
Light distribution files


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## OPTICAL RESULTS (SIMULATED):

OSRAM

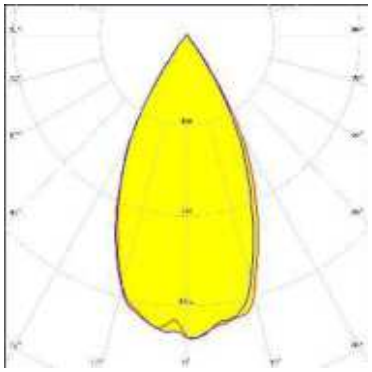
| | |
|---|---|
| LED | Duris S8 |
| FWHM / FWTM | 56.0° / 76.0° |
| Efficiency | 92 % |
| Peak intensity | 1.2 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16784_DAISY-4X1-SHD-WHT | |



Light distribution files

OSRAM

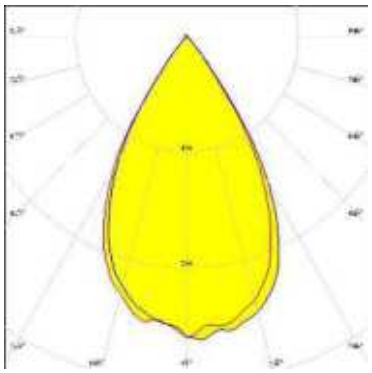
| | |
|---|---|
| LED | Duris S8 |
| FWHM / FWTM | 52.0° / 73.0° |
| Efficiency | 91 % |
| Peak intensity | 1.4 cd/lm |
| LEDs/each optic | 1 |
| Light colour/type | White |
| Required components: | |
| C16590_DAISY-4X1-SHD | |



Light distribution files

SAMSUNG

| | |
|---|---|
| LED | LM28xB Series |
| FWHM / FWTM | 60.0° / 77.0° |
| Efficiency | 89 % |
| Peak intensity | 1.1 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |
| Required components: | |
| C17422_DAISY-4X1-SHD2-MATT | |



Light distribution files


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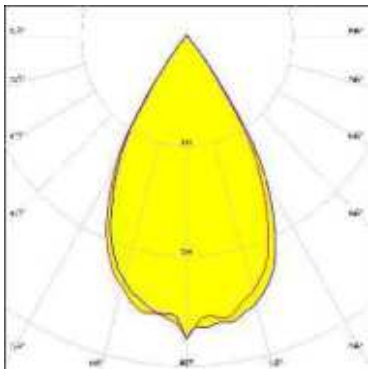
## OPTICAL RESULTS (SIMULATED):

SAMSUNG

| | |
|---|---|
| LED | LM28xB Series |
| FWHM / FWTM | 59.0° / 77.0° |
| Efficiency | 92 % |
| Peak intensity | 1.1 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:

C18411_DAISY-4X1-SHD2-MET-MATT



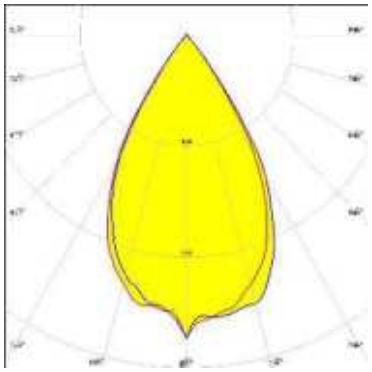
Light distribution files

SAMSUNG

| | |
|---|---|
| LED | LM28xB Series |
| FWHM / FWTM | 59.0° / 77.0° |
| Efficiency | 89 % |
| Peak intensity | 1.1 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:

C19075_DAISY-4X1-SHD2



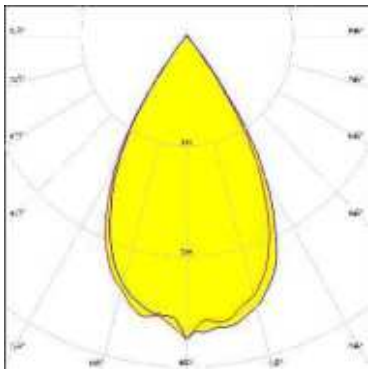
Light distribution files

SAMSUNG

| | |
|---|---|
| LED | LM28xB Series |
| FWHM / FWTM | 60.0° / 77.0° |
| Efficiency | 93 % |
| Peak intensity | 1.1 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |

Required components:

C17423_DAISY-4X1-SHD2-WHT-MATT



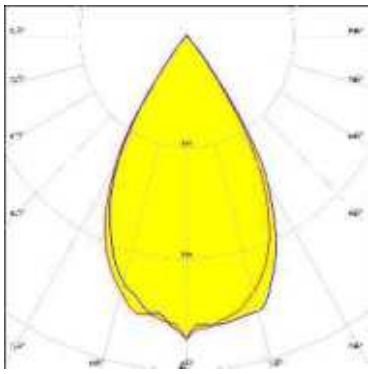
Light distribution files


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## OPTICAL RESULTS (SIMULATED):

SAMSUNG

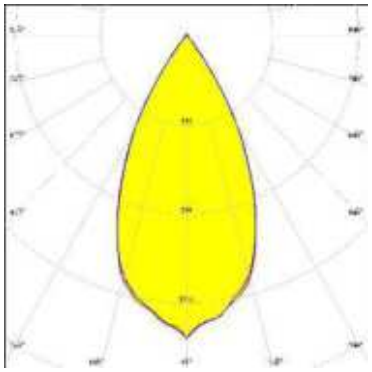
| | |
|---|---|
| LED | LM28xB Series |
| FWHM / FWTM | 60.0° / 77.0° |
| Efficiency | 92 % |
| Peak intensity | 1.1 cd/lm |
| LEDs/each optic | 4 |
| Light colour/type | White |
| Required components: | |
| C18412_DAISY-4X1-SHD2-MET | |



Light distribution files

SAMSUNG

| | |
|---|---|
| LED | LM28xB Series |
| FWHM / FWTM | 52.0° / 74.0° |
| Efficiency | 91 % |
| Peak intensity | 1.4 cd/lm |
| LEDs/each optic | 2 |
| Light colour/type | White |
| Required components: | |
| C17422_DAISY-4X1-SHD2-MATT | |



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## 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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**LEDiL Oy**
Joensuunkatu 7
FI-24100 SALO
Finland

**LEDiL Inc.**
228 West Page Street
Suite D
Sycamore IL 60178
USA

**Ledil Optics Technology (Shenzhen) Co., Ltd.**
# 405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

**Local sales and technical support**
www.ledil.com/
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