

YASMEEN-70-S-C

~15° spot beam. Assembly with holder C compatible with HEKLA sockets and connectors. Black version.

TECHNICAL SPECIFICATIONS:

DimensionsØ 69.9 mmHeight39.9 mmROHS compliantyes ^①



Colour

clear

black

Finish

MATERIAL SPECIFICATIONS:

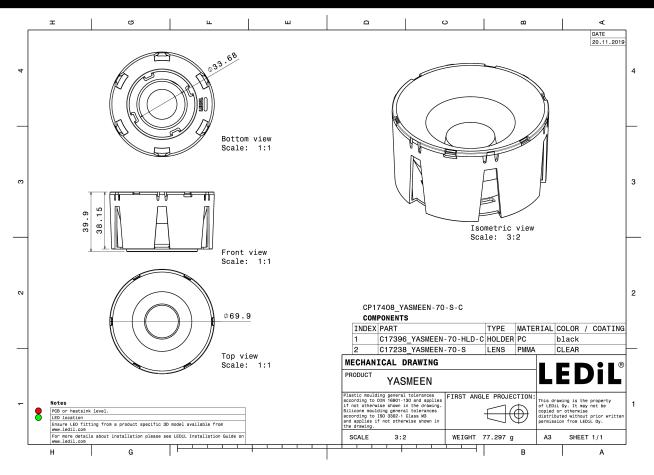
Component YASMEEN-70-S YASMEEN-70-HLD-C

| Туре | Material |
|-------------|----------|
| Single lens | PMMA |
| Holder | PC |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CP17408_YASMEEN-70-S-C | Single lens | 105 | 105 | 15 | 9.8 |
| » Box size: 476 x 273 x 305 mm | | | | | |





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



| bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15859_HEKLA | 599 735 654 67 57 30 30 30 30 | 1000 10° 10° 10° 10° 10° 10° 10° 10° 10° |
|---|---|--|
| bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15616_HEKLA | | 60 12 Xx |
| bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 63 | 59 ⁴ 77 69 69 77 77 77 77 77 77 77 77 77 77 | 0° 12° |
| bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 63 | 59°) 73° 60° 73° | 200 200 200 000 000 000 000 000 000 000 |



| bridgelux. LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Bender Wirth: 6 | | |
|--|--|--|
| CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA | CLL02x/CLU02x (LES10) 15.0° / 27.0° 87 % 9.8 cd/lm 1 White ents: | |
| CITTIZE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA | CLL03x/CLU03x 21.0° / 36.5° 85 % 5.5 cd/lm 1 White ents: | |
| CREE CLE | CMA1516 14.0° / 25.0° 87 % 10.6 cd/lm 1 White ents: | |



| | 1 | 90° 90' |
|---|---|--|
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F15254_HEKLA | CMA1825 19.0° / 32.0° 87 % 6.8 cd/lm 1 White hts: | 55 50 50 50 50 50 50 50 50 50 50 50 50 5 |
| |] | 3% 15 [°] 0 [°] 15 [°] |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17435_HEKLA | | 20, 6, 12, 26, 26, 26, 26, 26, 26, 26, 26, 26, 2 |
| CREE LEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA | CMT19xx 21.0° / 36.0° 85 % 5.3 cd/lm 1 White nts: | T2. 6, T2, 9, 9, 60, 10, 60, 10, 61, |
| CREECOLED EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA | CMU15xx 23.0° / 39.0° 84 % 4.7 cd/m 1 White | 99 ⁴ 75 ⁵ 66 ⁴ 1000 200 200 200 200 200 200 200 200 20 |



| | EDS | 24° |
|---|---|---|
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17437_HEKLA | | |
| | | 90° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17437_HEKLA | | |
| ØNICHI | | 20 ⁴ 20 ⁵ |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17437_HEKLA | COB L-Type (LES 9) 13.0° / 24.0° 86 % 11.5 cd/lm 1 White nts: | |
| | | 90* · · · · · · · · · · · · · · · · · · · |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA | COB S-Type (LES 7) 20.0° / 34.0° 85 % 6 cd/lm 1 White nts: | |



| PHILI | DS | |
|--|---|--|
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17437_HEKLA | Fortimo SLM L09 CoB 14.0° / 25.0° 86 % 10.8 cd/lm 1 White ents: | |
| SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA | LC016D / LC019D / LC026D / LC033D 23.0° / 39.0° 85 % 4.7 cd/lm 1 White | |
| SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA | LC030C/040C G2 17.0° / 30.0° 86 % 7.6 cd/lm 1 White ents: | |
| SSOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone F17438_HEKLA | | |



| TRIDO | VIC | | 90° |
|---|---|--|--|
| LED | SLE G7 LES09 | | |
| FWHM / FWTM | 14.0° / 25.0° | | 23. |
| Efficiency | 87 % | | 3200 |
| Peak intensity | 11.1 cd/lm | | $\Gamma \times / / \setminus \times \uparrow$ |
| LEDs/each optic | 1 | | |
| Light colour | White | | 6120 65° |
| Required compone | ents: | | |
| F17435_HEKLA | A-G2-C | | |
| | | | |
| | | | 30* |
| | | | 15° 0° 15° |
| | | | |
| TRIDO | VIC | | 50* |
| | SLE G7 LES15 | | 95° |
| | | | 27 26 26 27 27 27 27 27 27 27 27 27 27 27 27 27 |
| LED | SLE G7 LES15 | | 80 |
| LED FWHM / FWTM | SLE G7 LES15 22.0° / 38.0° | | 37 |
| LED FWHM / FWTM Efficiency | SLE G7 LES15 22.0° / 38.0° 85 % | | 37 |
| LED FWHM / FWTM Efficiency Peak intensity | SLE G7 LES15 22.0° / 38.0° 85 % 5 cd/lm | | 37 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | SLE G7 LES15 22.0° / 38.0° 85 % 5 cd/lm 1 White | | 97 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | SLE G7 LES15 22.0° / 38.0° 85 % 5 cd/lm 1 White ents: | | 97 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component | SLE G7 LES15 22.0° / 38.0° 85 % 5 cd/lm 1 White ents: | | 97 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compose | SLE G7 LES15 22.0° / 38.0° 85 % 5 cd/lm 1 White ents: | | 97 |



| - | | |
|--|---|---|
| bridgelux. | | 50* 50* |
| LED | V6 HD | 75 |
| FWHM / FWTM | 12.0° / 22.0° | |
| Efficiency | 89 % | 60° |
| Peak intensity | 15.6 cd/lm | 0110 |
| LEDs/each optic | 1 | |
| Light colour | White | 49° 9630 95° |
| Required components: | | |
| F15255_HEKLA-SO | CKET-C | 12800 |
| | | |
| | | 30* 20** 30* |
| | | (15% 0 ⁰ 15% |
| bridgelux. | | 90* 90* |
| LED | Vesta TW 13mm (25W) CSP | 78. |
| FWHM / FWTM | 20.0° / 34.0° | 1000 |
| Efficiency | 90 % | 60° 60° |
| Peak intensity | 6.5 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | Tunable White | a. |
| Required components: | | 4630 |
| C16142_HEKLA-SO | CKET-K | |
| | | |
| | | 36* 34* |
| \frown | | |
| | | |
| bridgelux. | | 90* 90* |
| LED | Vesta TW 9mm (12W) CSP | 30* |
| | Vesta TW 9mm (12W) CSP 16.0° / 30.0° | 32 35 35 |
| LED | | 97 97 75 60 60 60 60 60 60 |
| LED FWHM / FWTM Efficiency Peak intensity | 16.0° / 30.0° | 64 200 64 26 25 26 25 26 25 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | 16.0° / 30.0° 90 % 8.6 cd/lm 1 | 9° 9° 9° 90° 90° 90° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 16.0° / 30.0° 90 % 8.6 cd/lm | g, |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White | 9° 9° 9° 9° 9° 8° 9° 8° 9° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White | 50° 50° 50° 50° 50° 50° 50° 50° 50° 50° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White | 97 97 97 97 97 97 97 97 97 97 97 97 97 9 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White | 200 60 10 10 10 10 10 10 10 10 10 1 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White | 0.9 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White CKET-K | 0.9 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White CKET-K | 0.9 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White CKET-K CLU712 14.0° / 26.0° | 30 ⁴ 10 ⁵ 10 ⁴ 10 ⁴ |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO CITTIZEN LED FWHM / FWTM Efficiency | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White CKET-K CLU712 14.0° / 26.0° 87 % | 30 ⁴ 33 ⁴ 3 ⁴ |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO CITTIZEN LED FWHM / FWTM Efficiency Peak intensity | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White CKET-K CLU712 14.0° / 26.0° 87 % 11.3 cd/lm | 30° 30° 30° 30° 30° 30° 30° 30° 30° 30° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White CKET-K CLU712 14.0° / 26.0° 87 % 11.3 cd/lm 1 | 30° 30° 30° 30° 30° 30° 30° 30° 30° 30° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White CKET-K CLU712 14.0° / 26.0° 87 % 11.3 cd/lm | 60° 000 00° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO CITIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White CKET-K CLU712 14.0° / 26.0° 87 % 11.3 cd/lm 1 White | 60° 000 00° |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO CITTIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White CKET-K CLU712 14.0° / 26.0° 87 % 11.3 cd/lm 1 White | 60 90 90 90 90 90 90 90 90 90 9 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO CITIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White CKET-K CLU712 14.0° / 26.0° 87 % 11.3 cd/lm 1 White | 600 900 907 907 907 907 907 907 9 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: C16142_HEKLA-SO CITIZEN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 16.0° / 30.0° 90 % 8.6 cd/lm 1 Tunable White CKET-K CLU712 14.0° / 26.0° 87 % 11.3 cd/lm 1 White | 60 90 90 90 90 90 90 90 90 90 9 |



| | | |
|---|---|---|
| | | 90° 90° |
| LED | CMA1306 | |
| FWHM / FWTM | 12.0° / 22.0° | 75. |
| Efficiency | 88 % | |
| Peak intensity | 16.1 cd/lm | 501 5400 |
| LEDs/each optic | 1 | |
| Light colour | White | gr / / / / / / / / / / / / / / / / / / / |
| Required components: | | |
| F17435_HEKLA-G2 | C | 12800 |
| | | |
| | | |
| | | 30° 15° 0° 15° |
| | | 90* 90* |
| LED | CMU10xx | |
| FWHM / FWTM | 16.0° / 28.0° | |
| Efficiency | 88 % | 60 ^e 3200 |
| Peak intensity | 9.9 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | gz ⁴ 6100 |
| Required components: | | |
| F17435_HEKLA-G2 | C | |
| | | |
| | | 30° 30° |
| | | 15° 0° 15° |
| | | |
| | | 90* 5 0* |
| | CXA/B 13xx | 90° |
| | CXA/B 13xx 12.0° / 22.0° | |
| LED | | |
| LED FWHM / FWTM Efficiency | 12.0° / 22.0° | 00 00 00 00 00 00 00 00 00 00 |
| LED FWHM / FWTM Efficiency Peak intensity | 12.0° / 22.0° 88 % | 90 ³ 90 ³ 75 22 90 ³ 900 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | 12.0° / 22.0° 88 % 14.9 cd/lm | |
| LED FWHM / FWTM Efficiency Peak intensity | 12.0° / 22.0° 88 % 14.9 cd/lm 1 | 95° 900 600 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White | 60) 61 62 62 60 60 60 62 62 62 62 62 62 62 62 62 62 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White | 9 ¹ 9 ¹ 9 ¹ 9 ¹ 9 ¹ 9 ¹ 9 ¹ 9 ¹ |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White | 300 1000 1 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17439_HEKLA-G2 | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White | 27 0 ⁴ 0 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17439_HEKLA-G2 | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White | 27 0 ⁴ 0 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17439_HEKLA-G2 | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White J CXA/B 15xx | 27 0 ⁴ 0 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17439_HEKLA-G2 | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White J CXA/B 15xx 14.0° / 26.0° | 25 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17439_HEKLA-G2 | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White J CXA/B 15xx 14.0° / 26.0° 87 % | 25 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17439_HEKLA-G2 | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White J CXA/B 15xx 14.0° / 26.0° 87 % 11 cd/lm | 27 0 ⁴ 0 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17439_HEKLA-G2 | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White J CXA/B 15xx 14.0° / 26.0° 87 % 11 cd/lm 1 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17439_HEKLA-G2 | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White J CXA/B 15xx 14.0° / 26.0° 87 % 11 cd/lm | 25 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17439_HEKLA-G2 | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White J CXA/B 15xx 14.0° / 26.0° 87 % 11 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17439_HEKLA-G2 | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White J CXA/B 15xx 14.0° / 26.0° 87 % 11 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17439_HEKLA-G2 | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White J CXA/B 15xx 14.0° / 26.0° 87 % 11 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: F17439_HEKLA-G2 CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | 12.0° / 22.0° 88 % 14.9 cd/lm 1 White J CXA/B 15xx 14.0° / 26.0° 87 % 11 cd/lm 1 White | 60° 10° 10° 10° 10° 10° 10° 10° 1 |



| LED | CXA/B 1830 | |
|---|---|---|
| FWHM / FWTM | 22.0° / 36.0° | 75 |
| Efficiency | 87 % | 1600 |
| Peak intensity | 5.5 cd/lm | 69° 60° |
| LEDs/each optic | 1 | |
| Light colour | White | 47 ⁴ 3220 45 ⁴ |
| Required components: | Wine | $K \neq A = A = A = 2$ |
| Bender Wirth: 637b | | \times / \times |
| Dender Wirth. 0375 | | 4600 |
| | | |
| | | 36° 15° 0° 15° 30° |
| PHILIPS | | 90* 90* |
| | | |
| | Fortimo SLM L09 CoB | 75. |
| FWHM / FWTM | 16.0° / 28.0° | $\land \land $ |
| Efficiency | 88 % | 69° 60° |
| Peak intensity | 10 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | ° / |
| Required components: | • | |
| F17435_HEKLA-G2 | C | \times / \times |
| | | |
| | | 30° 30° 30° |
| | | |
| DHIID | | ave ave |
| PHILIPS | | 99* |
| LED | Fortimo SLM L13 CoB | 50° |
| LED FWHM / FWTM | Fortimo SLM L13 CoB 16.0° / 28.0° | 39 ⁺ |
| LED FWHM / FWTM Efficiency | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % | 90* 92* 95* 92* 95* 92* |
| LED FWHM / FWTM Efficiency Peak intensity | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm | 94 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 | 91 ⁻ 91 ⁻ 9 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm | 91 ⁴ 91 ⁴ 31 ⁴ 91 ⁴ 9 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White Hekla XL | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White Hekla XL | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a SAMSUN | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White Hekla XL VIG LC003D / LC006D / LC009D / LC013D | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a SAMSUT LED FWHM / FWTM | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White Hekla XL VIC LC003D / LC006D / LC009D / LC013D 16.0° / 28.0° | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a SAMSUN LED FWHM / FWTM Efficiency | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White Hekla XL VC LC003D / LC006D / LC009D / LC013D 16.0° / 28.0° 87 % | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a SANSUN LED FWHM / FWTM Efficiency Peak intensity | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White Hekla XL VCC LC003D / LC006D / LC009D / LC013D 16.0° / 28.0° 87 % 8.8 cd/lm | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a Bender Wirth: 632a ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White Hekla XL VCC LC003D / LC006D / LC009D / LC013D 16.0° / 28.0° 87 % 8.8 cd/lm 1 | 64 59 59 59 50 50 50 50 50 50 50 50 50 50 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a Bender Wirth: 632a SANSUT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White Hekla XL VCC LC003D / LC006D / LC009D / LC013D 16.0° / 28.0° 87 % 8.8 cd/lm | 57 600 500 500 500 500 500 500 500 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a Bender Wirth: 632a ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White Hekla XL VG LC003D / LC006D / LC009D / LC013D 16.0° / 28.0° 87 % 8.8 cd/lm 1 White | 60° 100 10° 10° 10° 10° 10° 10° 10° 10° 1 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a Bender Wirth: 632a SANSUT LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White Hekla XL VG LC003D / LC006D / LC009D / LC013D 16.0° / 28.0° 87 % 8.8 cd/lm 1 White | 57. 652 94 95 106 106 106 107 107 107 107 107 107 107 107 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a Bender Wirth: 632a ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White Hekla XL VG LC003D / LC006D / LC009D / LC013D 16.0° / 28.0° 87 % 8.8 cd/lm 1 White | 57. 600 90* 30* 507 600 600 600 600 600 600 600 6 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: Bender Wirth: 632a I SAMSSUS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | Fortimo SLM L13 CoB 16.0° / 28.0° 87 % 10.1 cd/lm 1 White Hekla XL VG LC003D / LC006D / LC009D / LC013D 16.0° / 28.0° 87 % 8.8 cd/lm 1 White | 01 020 02 02 02 02 02 02 02 |



| TRIDON | IC | 90 ⁴ |
|--------------------|---------------|-----------------|
| LED | SLE G7 LES13 | 77 |
| FWHM / FWTM | 20.0° / 34.0° | |
| Efficiency | 87 % | 500 |
| Peak intensity | 6.1 cd/lm | |
| LEDs/each optic | 1 | 220 |
| Light colour | White | g |
| Required component | s: | |
| F17438_HEKLA-0 | 62-1 | 200 |
| | | |
| | | |
| | | 15° 0° 15° |



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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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

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

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