

PRODUCT DATASHEET F14468_FLORENCE-1R-Z60

FLORENCE-1R-Z60

~60° + 110° medium beam

TECHNICAL SPECIFICATIONS:

| Dimensions | 19.5 x 286.0 mm |
|----------------|-----------------|
| Height | 7.6 mm |
| Fastening | clips |
| ROHS compliant | yes 🛈 |



MATERIAL SPECIFICATIONS:

Component FLORENCE-1R-Z60 **Type** Linear lens

| Material | Colour | Finish |
|----------|--------|--------|
| PMMA | clear | |

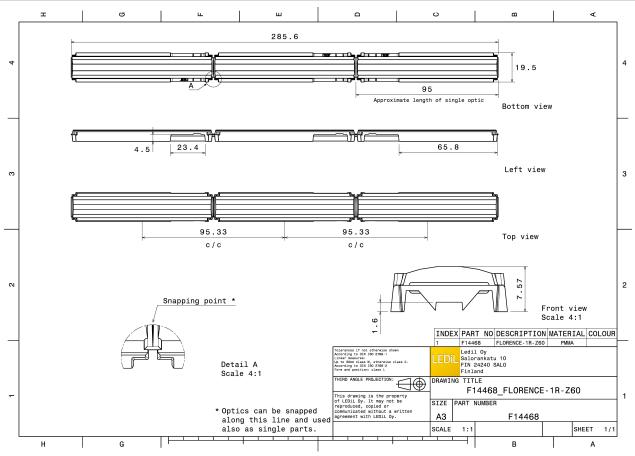
ORDERING INFORMATION:

Component F14468_FLORENCE-1R-Z60 » Box size: 398 x 298 x 265 mm

| Qty in box | MOQ | MPQ | Box weight (kg) |
|------------|-----|-----|-----------------|
| 165 | 45 | 15 | 7.1 |

PRODUCT DATASHEET F14468_FLORENCE-1R-Z60





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



| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | CALGD0414-M8W1 58.0 + 121.0° / 99.0 + 153.0° 94 % 0.6 cd/lm 1 White ents: | |
|---|---|--|
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | CALGD0814-M17W1 57.0 + 118.0° / 99.0 + 152.0° 92 % 0.6 cd/lm 1 White ents: | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | L0-280024-xxx-C0800-L267 65.0 + 107.0° / 107.0 + 148.0° 93 % 0.5 cd/lm 1 White | |
| CREE CLED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | XH-B/G 63.0 + 113.0° / 105.0 + 155.0° 94 % 0.5 cd/lm 1 White | |



| UMIL | EDS | 89* 89* |
|--------------------|---------------------------------------|---|
| LED | LUXEON 3014 | |
| FWHM / FWTM | 59.0 + 115.0° / 82.0 + 151.0° | 78 |
| Efficiency | 94 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | er (/ / / / / / / / / / / / / / / / / / |
| Required compone | nts: | |
| | | |
| | | |
| | | 30* 33* |
| | FDS | |
| | | |
| LED FWHM / FWTM | LUXEON 3020 | 79 |
| Efficiency | 55.0 + 117.0° / 96.0 + 151.0° 94 % | |
| Peak intensity | 0.7 cd/lm | 60° / / / / / / / / / / / / / / / / / / / |
| LEDs/each optic | 1 | |
| Light colour | White | an 10 - 40 - 10 - 40 - 10 - 40 - 10 - 40 - 10 - 40 - 10 - 1 |
| Required compone | | |
| Trequired compone | | |
| | | |
| | | \times / \setminus \times |
| | | 30* <u>15</u> <u>80</u> 30* |
| COMIL | EDS | 50° 50° |
| LED | LUXEON 3030 2D (Round LES) | |
| FWHM / FWTM | 57.0 + 114.0° / 97.0 + 150.0° | ** |
| Efficiency | 94 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | 45° (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) |
| Required compone | nts: | |
| | | |
| | | 60 |
| | | 30+ es es es |
| | EDS | |
| LED | LUXEON 3535 2D | |
| FWHM / FWTM | 60.0 + 109.0° / 100.0 + 150.0° | 71 |
| Efficiency | 94 % | |
| Peak intensity | 0.6 cd/lm | an and a second s |
| LEDs/each optic | 1 | |
| Light colour | White | 5. 40 5. |
| Required compone | | |
| | | |
| | | |
| | | |
| | | 30° 30° 30° |



| | FDS | |
|------------------|--|--|
| LED | LUXEON 3535L | 90° |
| FWHM / FWTM | 59.0 + 110.0° / 99.0 + 149.0° | |
| Efficiency | 94 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | er 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 |
| Required compone | ents: | |
| | INUS | 20 ¹ 22 ¹ 0 ² 22 ¹ 30 ¹ |
| LED | MP-2016 | |
| FWHM / FWTM | 58.0 + 115.0° / 82.0 + 157.0° | 75 |
| Efficiency | 94 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | | |
| | | |
| | | 60 |
| | | 30+ 22 ¹ 0+ 23 ² 34 ³ |
| ØNICHI/ | ١ | 90° - 90° |
| LED | NF2x757D | |
| FWHM / FWTM | 59.0 + 114.0° / 101.0 + 152.0° | 70 |
| Efficiency | 94 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | ents: | |
| | | |
| | | |
| | | 20° 20° 30° |
| ØNICHI/ | N Contraction of the second se | 8° |
| LED | NF2x757G | |
| FWHM / FWTM | 56.0 + 111.0° / 98.0 + 150.0° | |
| Efficiency | 93 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | ents: | |
| | | |
| | | |
| | | 30* 330 |
| | | 10 ⁵ 0 ⁶ 10 ⁵ |



| ~ | | |
|--|--|--|
| ØNICHI/ | N Contraction of the second seco | 80* |
| LED | NFSW757H | |
| FWHM / FWTM | 107.0 + 60.0° / 148.0 + 104.0° | |
| Efficiency | 94 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | ents: | |
| C14353_FLORE | ENCE-1R-CLIP-A | |
| | | |
| | | |
| OCDAM | | 20 ²⁰ 225 ⁴ 0 ⁴ 25 ⁴ |
| OSRAM Opto Semiconductors | | 80° |
| LED | Duris E5 | |
| FWHM / FWTM | 112.0 + 58.0° / 149.0 + 99.0° | |
| Efficiency | 94 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | ents: | |
| | | |
| | | 60 |
| | | 200 |
| OSRAM | | |
| | | |
| Opto Semiconductors | Duris S5 (2 chip) | 99 ⁴ |
| Opto Semiconductors | Duris S5 (2 chip) 58.0 + 114.0° / 100.0 + 154.0° | 23 |
| opto Semiconductors LED FWHM / FWTM | 58.0 + 114.0° / 100.0 + 154.0° | |
| Opto Semiconductors LED FWHM / FWTM Efficiency | 58.0 + 114.0° / 100.0 + 154.0° 94 % | 99° 759 80% |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity | 58.0 + 114.0° / 100.0 + 154.0° | |
| ^{opto Semiconductors} LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White | 99° 73 0,4 65° 409 |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White ents: | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White ents: | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White ents: | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White ents: UNG LM28xB Series 111.0 + 59.0° / 150.0 + 101.0° | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANSS LED FWHM / FWTM Efficiency | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White ents: UNC LM28xB Series 111.0 + 59.0° / 150.0 + 101.0° 94 % | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White ents: UNG LM28xB Series 111.0 + 59.0° / 150.0 + 101.0° | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White ents: UNC LM28xB Series 111.0 + 59.0° / 150.0 + 101.0° 94 % 0.6 cd/lm 1 | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White ents: UNC LM28xB Series 111.0 + 59.0° / 150.0 + 101.0° 94 % 0.6 cd/lm 1 White | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White ents: UNC LM28xB Series 111.0 + 59.0° / 150.0 + 101.0° 94 % 0.6 cd/lm 1 White ents: | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White ents: UNC LM28xB Series 111.0 + 59.0° / 150.0 + 101.0° 94 % 0.6 cd/lm 1 White | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White ents: UNC LM28xB Series 111.0 + 59.0° / 150.0 + 101.0° 94 % 0.6 cd/lm 1 White ents: | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SANSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | 58.0 + 114.0° / 100.0 + 154.0° 94 % 0.6 cd/lm 1 White ents: UNC LM28xB Series 111.0 + 59.0° / 150.0 + 101.0° 94 % 0.6 cd/lm 1 White ents: | |



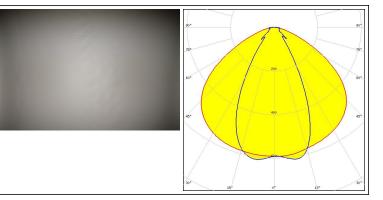
| SAMS | UNG | | po* | 90 |
|---|---|--|--|-----|
| LED | LM28xB Series | | | F |
| FWHM / FWTM | 57.0 + 113.0° / 98.0 + 150.0° | | 750 | |
| Efficiency | 94 % | | 50* 200 | |
| Peak intensity | 0.6 cd/lm | | | |
| LEDs/each optic | 1 | | | |
| Light colour | White | | 45* | |
| Required compone | ents: | | | |
| | | | | |
| | | | | |
| | | | 30° 15° 0° | 15* |
| SAMS | UNG | | 90* | |
| LED | LM301A | | | |
| FWHM / FWTM | 56.0 + 113.0° / 98.0 + 151.0° | | 75 | |
| Efficiency | 94 % | | | |
| Peak intensity | 0.6 cd/lm | | 60× | |
| LEDs/each optic | 1 | | | |
| Light colour | White | | 45* | |
| Required compone | ents: | | | |
| | | | | |
| | | | | |
| | | | 30* | 30 |
| | | | | |
| SAMS | ING | | | |
| | | | 90* | |
| LED | LM302A | | 80 70 | |
| LED FWHM / FWTM | | | 84 70 70 | |
| LED FWHM / FWTM Efficiency | LM302A 59.0 + 111.0° / 99.0 + 151.0° | | 90 190 60 200 | |
| LED FWHM / FWTM Efficiency Peak intensity | LM302A 59.0 + 111.0° / 99.0 + 151.0° 94 % | | 97 79 65 | |
| LED | LM302A 59.0 + 111.0° / 99.0 + 151.0° 94 % 0.6 cd/lm | | 90* 70 60* 67 67 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | LM302A 59.0 + 111.0° / 99.0 + 151.0° 94 % 0.6 cd/lm 1 White | | 94 94 54 54 54 54 54 54 54 54 54 54 54 55 55 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LM302A 59.0 + 111.0° / 99.0 + 151.0° 94 % 0.6 cd/lm 1 White | | 94* 79° 64* 200 65* 400 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LM302A 59.0 + 111.0° / 99.0 + 151.0° 94 % 0.6 cd/lm 1 White | | 94* 78* 64* 67* 840 700 840 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LM302A 59.0 + 111.0° / 99.0 + 151.0° 94 % 0.6 cd/lm 1 White | | 54° 200 54° 200 54° 60° 600 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | LM302A 59.0 + 111.0° / 99.0 + 151.0° 94 % 0.6 cd/lm 1 White ents: | | 5° 400 5° 400 5° 400 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | LM302A 59.0 + 111.0° / 99.0 + 151.0° 94 % 0.6 cd/lm 1 White ents: | | | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | LM302A 59.0 + 111.0° / 99.0 + 151.0° 94 % 0.6 cd/lm 1 White ents: | | | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSI LED FWHM / FWTM | LM302A 59.0 + 111.0° / 99.0 + 151.0° 94 % 0.6 cd/lm 1 White ents: UNG LM561B 59.0 + 111.0° / 100.0 + 151.0° | | | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSI LED FWHM / FWTM Efficiency | LM302A 59.0 + 111.0° / 99.0 + 151.0° 94 % 0.6 cd/lm 1 White ents: UNG LM561B 59.0 + 111.0° / 100.0 + 151.0° 94 % | | | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity | LM302A 59.0 + 111.0° / 99.0 + 151.0° 94 % 0.6 cd/lm 1 White ents: UNC LM561B 59.0 + 111.0° / 100.0 + 151.0° 94 % 0.6 cd/lm | | | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | LM302A $59.0 + 111.0^{\circ} / 99.0 + 151.0^{\circ}$ 94 % 0.6 cd/lm 1 White ents: UNC LM561B $59.0 + 111.0^{\circ} / 100.0 + 151.0^{\circ}$ 94 % 0.6 cd/lm 1 | | | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMSS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LM302A $59.0 + 111.0^{\circ} / 99.0 + 151.0^{\circ}$ 94 % 0.6 cd/lm 1 White ents: UNC LM561B $59.0 + 111.0^{\circ} / 100.0 + 151.0^{\circ}$ 94 % 0.6 cd/lm 1 White | | | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | LM302A $59.0 + 111.0^{\circ} / 99.0 + 151.0^{\circ}$ 94 % 0.6 cd/lm 1 White ents: UNC LM561B $59.0 + 111.0^{\circ} / 100.0 + 151.0^{\circ}$ 94 % 0.6 cd/lm 1 White | | | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LM302A $59.0 + 111.0^{\circ} / 99.0 + 151.0^{\circ}$ 94 % 0.6 cd/lm 1 White ents: UNC LM561B $59.0 + 111.0^{\circ} / 100.0 + 151.0^{\circ}$ 94 % 0.6 cd/lm 1 White | | | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone SAMS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LM302A $59.0 + 111.0^{\circ} / 99.0 + 151.0^{\circ}$ 94 % 0.6 cd/lm 1 White ents: UNC LM561B $59.0 + 111.0^{\circ} / 100.0 + 151.0^{\circ}$ 94 % 0.6 cd/lm 1 White | | | |



| SAMSI | JNG | 90° |
|--|--|---|
| LED | LM561B Plus | |
| FWHM / FWTM | 117.0 + 58.0° / 151.0 + 100.0° | |
| Efficiency | 94 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | | |
| | ENCE-1R-CLIP-A | |
| | | 60 |
| | | 20 ⁻ 20 ⁺ 0 ⁺ 20 ⁺ 3 ⁺ |
| SAMSI | UNG | 84 |
| LED | LM561C | |
| FWHM / FWTM | 56.0 + 113.0° / 98.0 + 149.0° | |
| Efficiency | 94 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | | |
| | | |
| | | 600 CO |
| | | \times / \wedge \rightarrow |
| | | |
| SAMSI | JNG | 90 ⁴ 90 |
| LED | LT-S282N | |
| FWHM / FWTM | 56.0 + 112.0° / 99.0 + 149.0° | |
| Efficiency | 94 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | ents. | |
| | | |
| | | |
| | | 60 |
| | | |
| SEOU | | |
| SEOUL SEMICONDUCTOR | | |
| SEOUL SEMICONDUCTOR | SEOUL 3030 | |
| SEQUISEMICONDUCTOR LED FWHM / FWTM | SEOUL 3030 59.0 + 111.0° / 98.0 + 150.0° | |
| SEGUL SEMICONDUCTOR LED FWHM / FWTM Efficiency | SEOUL 3030 59.0 + 111.0° / 98.0 + 150.0° 94 % | |
| SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity | SEOUL 3030 59.0 + 111.0° / 98.0 + 150.0° 94 % 0.6 cd/lm | |
| scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | SEOUL 3030 59.0 + 111.0° / 98.0 + 150.0° 94 % 0.6 cd/lm 1 | |
| seout semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | SEOUL 3030 59.0 + 111.0° / 98.0 + 150.0° 94 % 0.6 cd/lm 1 White | |
| SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | SEOUL 3030 59.0 + 111.0° / 98.0 + 150.0° 94 % 0.6 cd/lm 1 White | |
| seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | SEOUL 3030 59.0 + 111.0° / 98.0 + 150.0° 94 % 0.6 cd/lm 1 White | |
| scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | SEOUL 3030 59.0 + 111.0° / 98.0 + 150.0° 94 % 0.6 cd/lm 1 White | |



| SEOUL | |
|--|-------------------------------|
| SEOUL SEMICONDUCTOR | |
| LED | SEOUL DC 3030 |
| FWHM / FWTM | 115.0 + 55.0° / 150.0 + 98.0° |
| Efficiency | 94 % |
| Peak intensity | 0.6 cd/lm |
| LEDs/each optic | 1 |
| Light colour | White |
| Required componen | its: |
| C14353_FLOREN | NCE-1R-CLIP-A |
| | |
| LEDs/each optic Light colour Required componen | 1 White tts: |





PHOTOMETRIC DATA (SIMULATED):

| UMILE | DS | 9° |
|--|--|--------------------|
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components | LUXEON 2835 Line 59.0 + 107.0° / 86.0 + 146.0° 94 % 0.7 cd/lm 1 White | |
| | DS | 90 ⁴ 99 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components | LUXEON 5050 Round LES 61.0 + 107.0° / 103.0 + 146.0° 94 % 0.6 cd/lm 1 White | |
| OSRAM Opto Semiconductors | | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components | Duris E 2835 61.0 + 107.0° / 95.0 + 147.0° 94 % 0.6 cd/lm 1 White | |
| OSRAM Opto Semiconductors | | 90° 90 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components C14593_FLORENC | | |



PHOTOMETRIC DATA (SIMULATED):

| OSRAM Opto Semiconductors | | 94 ⁴ 94 |
|---|--|--|
| LED | OSCONIQ C 2424 | |
| FWHM / FWTM | 112.0 + 61.0° / 146.0 + 83.0° | 787 |
| Efficiency | 96 % | 200 |
| Peak intensity | 0.6 cd/lm | 60°. |
| LEDs/each optic | 1 | |
| Light colour | White | 45* |
| Required components: | | 20° to |
| SEOUL SEMICONDUCTOR | | 90* |
| | | |
| LED | SEOUL DC 3030C | 73* 73* |
| LED FWHM / FWTM | SEOUL DC 3030C 107.0 + 62.0° / 147.0 + 94.0° | 79 ⁻ |
| | | 37. 200 |
| FWHM / FWTM | 107.0 + 62.0° / 147.0 + 94.0° | 9)° 200 (0° |
| FWHM / FWTM Efficiency | 107.0 + 62.0° / 147.0 + 94.0° 95 % | 5°. 6° 200 0°. |
| FWHM / FWTM Efficiency Peak intensity | 107.0 + 62.0° / 147.0 + 94.0° 95 % 0.6 cd/lm | 5° 40 6° |



PRODUCT DATASHEET F14468_FLORENCE-1R-Z60

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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LEDiL Oy

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Distribution Partners www.ledil.com/ where_to_buy