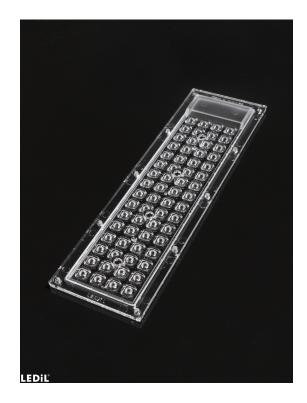


STRADELLA-IP-64-VSM

IESNA Type V (square) beam for wide areas lighting such as car parks.

SPECIFICATION:

| Dimensions | 253.0 x 74.0 mm |
|----------------------------|-----------------|
| Height | 9.7 mm |
| Fastening | screw |
| Ingress protection classes | IP66, IP67 |
| ROHS compliant | yes 🛈 |



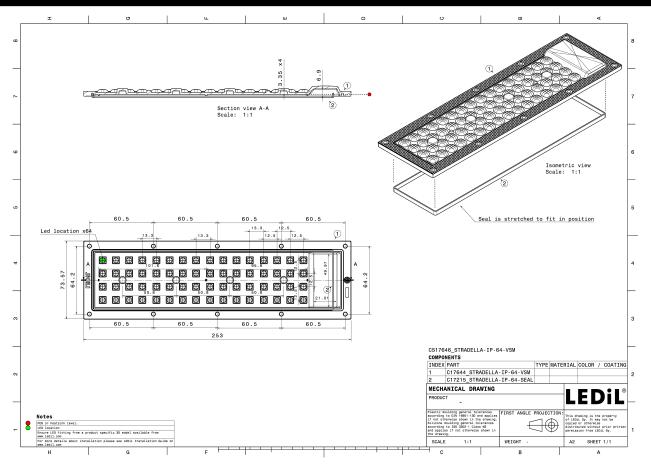
MATERIALS:

| Component | Туре | Material | Colour | Finish |
|----------------------|------------|----------|--------|--------|
| STRADELLA-IP-64-VSM | Multi-lens | PMMA | clear | |
| STRADELLA-IP-64-SEAL | Seal | Silicone | milky | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|------------|------------|-----|-----|-----------------|
| CS17646_STRADELLA-IP-64-VSM | Multi-lens | 108 | 108 | 36 | 8.8 |
| » Box size: 476 x 273 x 247 mm | | | | | |





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



OPTICAL RESULTS (MEASURED):

| | | | 50°* |
|----------------------------------|---|---|--|
| LED | EHP-223.5x50-1604-xx-70-LS30-06-NTC | | |
| FWHM / FWTM | Asymmetric | | 75 100 75* |
| Efficiency | 97 % | | |
| Peak intensity | 0.5 cd/lm | | 60° 60° |
| LEDs/each optic | 1 | | |
| Light colour | White | | 45 ⁺ 300 45 ⁺ |
| Required compone | | | |
| Required compone | | | 400 |
| | | | X X |
| | | | 500 |
| | | | 30° 15 ⁵ 0° 15° 30° |
| MST Your solut | tions | | |
| LED | Bool ED 222250mm 42001m 8x0 4x16 Opt C1 | | 90 ⁴ 90 ⁴ |
| LED FWHM / FWTM | RecLED 223x50mm 4200lm 8x0 4x16 Opt G1 | | 75° 75° |
| | Asymmetric 93 % | | |
| Efficiency | | | 50' 200 60* |
| Peak intensity | 0.6 cd/lm | | |
| LEDs/each optic | 1 | | X No X |
| Light colour | White | | 6° (|
| Required compone | nts: | | 400 |
| | | | |
| | | | |
| | | | 30° 15° 30° |
| OSRAM | 1 | | |
| LED | PrevaLED Brick MP 4x16 | | 30* 90 |
| EED FWHM / FWTM | 129.0° / 138.0° | | 730 70 |
| Efficiency | 96 % | | |
| | 0.6 cd/lm | | 60* |
| Peak intensity | | | |
| LEDs/each optic | 1 White | | |
| Light colour Required compone | | | 6 ¹ 6 ¹ |
| Required compone | 115. | | 400 |
| | | | \times / \times / |
| | | | 500 |
| | | | 30° 15° 0° 15° |
| SCIO | | | |
| | | | 90* 90* |
| LED | KAAX-VB-2300-840-48 | | 73° |
| FWHM / FWTM | 132.0° / 141.0° | | 100 |
| Efficiency | 92 % | and the second se | 50* |
| Peak intensity | 0.5 cd/lm | | |
| LEDs/each optic | 1 | | |
| Light colour | White | The second se | 45* 300 45* |
| Required compone | nts: | | |
| | | | 400 |
| | | | \times / $ \setminus X$ |
| | | | 30* 500 30* |
| | | | 15 ⁵ 0 ⁶ 15 ⁵ |



OPTICAL RESULTS (SIMULATED):

| LED | J Series 2835 | yr |
|--|---|--|
| FWHM / FWTM | Asymmetric | 736 780 |
| Efficiency | 92 % | |
| Peak intensity | 0.4 cd/lm | 50° 50°. |
| | | 200 |
| LEDs/each optic | 1 White | |
| Light colour Required components: | Wille | 45* 330 45* |
| Required components. | | |
| | | |
| | | |
| | | 30* 500 30* 15 ⁵ 0* 15* 30* |
| OSRAM | | |
| Opto Semiconductors | Duris E 2835 | 90° 90° |
| FWHM / FWTM | | 73* 100 75* |
| Efficiency | Asymmetric 96 % | |
| Peak intensity | 0.5 cd/lm | 50° 50° |
| LEDs/each optic | 1 | |
| Light colour | White | 300 |
| Required components: | Wille | 6° 6* |
| Required components. | | 400 |
| | | |
| | | 500 |
| | | 30* 13 ⁵ 0° 19* 30* |
| CODAN | | |
| OSRAM | | |
| Opto Semiconductors | Duric SE (Single chip) | 60* |
| Opto Semiconductors | Duris S5 (Single chip) | 50° 50° 50° |
| Opto Semiconductors LED FWHM / FWTM | Asymmetric | |
| opto Semiconductors LED FWHM / FWTM Efficiency | Asymmetric 96 % | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity | Asymmetric 96 % 0.6 cd/lm | 3° 10 75. |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | Asymmetric 96 % 0.6 cd/lm 1 | 200 For an and a second |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Asymmetric 96 % 0.6 cd/lm | 3° 10 5° |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | Asymmetric 96 % 0.6 cd/lm 1 | 200 60 ⁴ |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Asymmetric 96 % 0.6 cd/lm 1 | 200 60 ⁴ |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Asymmetric 96 % 0.6 cd/lm 1 | 200 60° 60° 200 60° 60° 60° 60° 60° |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | Asymmetric 96 % 0.6 cd/lm 1 White | 200 60 ⁴ |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | Asymmetric 96 % 0.6 cd/lm 1 White | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | Asymmetric 96 % 0.6 cd/lm 1 White | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | Asymmetric 96 % 0.6 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | Asymmetric 96 % 0.6 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 Asymmetric | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency | Asymmetric 96 % 0.6 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 Asymmetric 96 % | 20 60 60 50 50 50 50 50 50 50 50 50 5 |
| opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency Peak intensity | Asymmetric 96 % 0.6 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 Asymmetric 96 % 0.5 cd/lm | 20 60 60 50 50 50 50 50 50 50 50 50 5 |
| opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | Asymmetric 96 % 0.6 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 Asymmetric 96 % 0.5 cd/lm 1 | |
| opte Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Asymmetric 96 % 0.6 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 Asymmetric 96 % 0.5 cd/lm | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | Asymmetric 96 % 0.6 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 Asymmetric 96 % 0.5 cd/lm 1 | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Asymmetric 96 % 0.6 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 Asymmetric 96 % 0.5 cd/lm 1 | |
| opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: PHILIPS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Asymmetric 96 % 0.6 cd/lm 1 White Fortimo FastFlex LED 4x16 DHE G4 Asymmetric 96 % 0.5 cd/lm 1 | |



OPTICAL RESULTS (SIMULATED):

| SAMSUN | IG | 90* 90* |
|--|---|--|
| LED | HILOM RM64 (LM301B) | |
| FWHM / FWTM | Asymmetric | 736 100 75° |
| Efficiency | 96 % | |
| Peak intensity | 0.5 cd/lm | 60 ⁴ 200 60 ⁴ |
| LEDs/each optic | 1 | |
| Light colour | White | 45 ⁺ 300 |
| Required components: | | $ \times / \times $ |
| | | |
| | | X X |
| | | 500 |
| | | 30° 15° 30° |
| SAMSUN | IG | |
| LED | LH351B | |
| FWHM / FWTM | Asymmetric | 200 |
| Efficiency | 94 % | |
| Peak intensity | 0.4 cd/im | 60* 150 60* |
| LEDs/each optic | 1 | 200 |
| Light colour | White | 5° Zo 6° |
| Required components: | | 30 |
| - 1 1 | | |
| | | 400 |
| | | |
| | | 20° 15 ³ 0° 15° 30° |
| SAMSUN | IG | |
| | | |
| | | 90* 90* |
| LED | LH351C | 2 ³ 0 |
| LED FWHM / FWTM | LH351C Asymmetric | Bar Salar Sa |
| LED FWHM / FWTM Efficiency | LH351C Asymmetric 94 % | |
| LED FWHM / FWTM Efficiency Peak intensity | LH351C Asymmetric 94 % 0.4 cd/lm | 90 ⁴ 10 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | LH351C Asymmetric 94 % 0.4 cd/lm 1 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LH351C Asymmetric 94 % 0.4 cd/lm | 200 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | LH351C Asymmetric 94 % 0.4 cd/lm 1 | 200 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LH351C Asymmetric 94 % 0.4 cd/lm 1 | 200 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LH351C Asymmetric 94 % 0.4 cd/lm 1 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | LH351C Asymmetric 94 % 0.4 cd/lm 1 White | 200 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | LH351C Asymmetric 94 % 0.4 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | LH351C Asymmetric 94 % 0.4 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | LH351C Asymmetric 94 % 0.4 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM | LH351C Asymmetric 94 % 0.4 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency | LH351C Asymmetric 94 % 0.4 cd/lm 1 White LH351D Asymmetric 92 % | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity | LH351C Asymmetric 94 % 0.4 cd/lm 1 White LH351D Asymmetric 92 % 0.3 cd/lm | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | LH351C Asymmetric 94 % 0.4 cd/lm 1 White LH351D Asymmetric 92 % 0.3 cd/lm 1 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LH351C Asymmetric 94 % 0.4 cd/lm 1 White LH351D Asymmetric 92 % 0.3 cd/lm | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | LH351C Asymmetric 94 % 0.4 cd/lm 1 White LH351D Asymmetric 92 % 0.3 cd/lm 1 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SANNSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LH351C Asymmetric 94 % 0.4 cd/lm 1 White LH351D Asymmetric 92 % 0.3 cd/lm 1 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | LH351C Asymmetric 94 % 0.4 cd/lm 1 White LH351D Asymmetric 92 % 0.3 cd/lm 1 | |



OPTICAL RESULTS (SIMULATED):

| NG | 90° |
|-----------------------------|---|
| LM301B | |
| Asymmetric | 75 |
| 96 % | |
| 0.5 cd/lm | 80° 200 60° |
| 1 | $\times \times / \times \times$ |
| White | 45° 340 43° |
| : | |
| | 400 |
| | |
| | 32* 192 24 197 34 |
| | |
| C | 99* 94 |
| RLE 4x16 4000lm MP ADV2 OTD | |
| Asymmetric | 781 |
| 96 % | |
| 0.5 cd/lm | |
| 1 | |
| White | 45° 30 43° |
| : | |
| | |
| | 24 |
| | |
| | Asymmetric 96 % 0.5 cd/lm 1 White : RLE 4x16 4000lm MP ADV2 OTD Asymmetric 96 % 0.5 cd/lm 1 |



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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