

PRODUCT DATASHEET CS14055_STRADA-IP-2X6-T2

STRADA-IP-2X6-T2

IESNA Type II (medium) beam applicable for European P-class standard pedestrian lighting and M-class roads

SPECIFICATION:

| Dimensions | 71.4 x 173.0 mm |
|----------------------------|-----------------|
| Height | 9.2 mm |
| Fastening | screw |
| Ingress protection classes | IP67 |
| ROHS compliant | yes 🛈 |



Finish

MATERIALS:

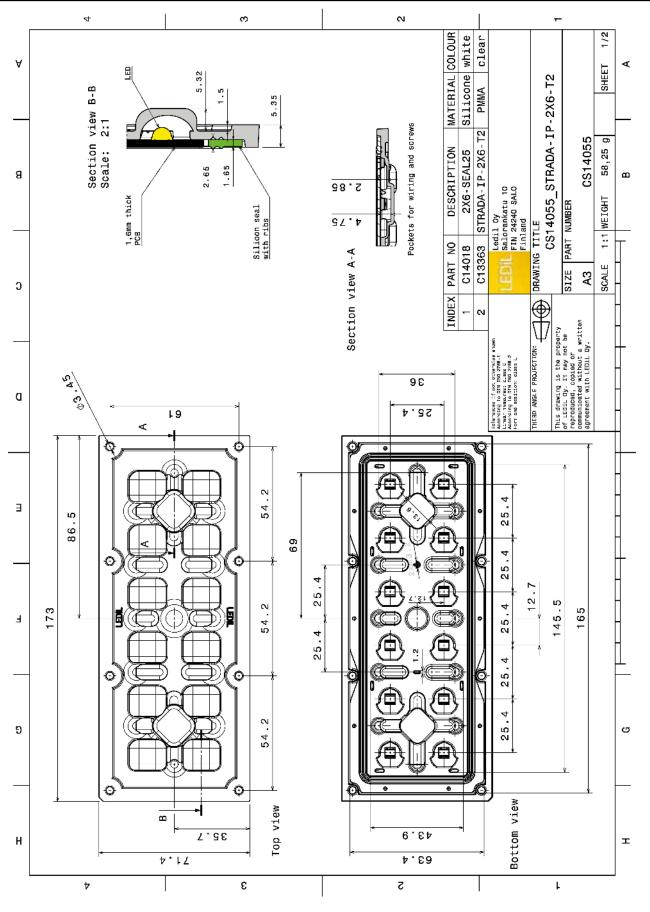
| Component | |
|------------------|--|
| STRADA-IP-2X6-T2 | |
| 2X6-SEAL25 | |

| Туре | Material | Colour | |
|------------|----------|--------|--|
| Multi-lens | PMMA | clear | |
| Seal | Silicone | white | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|------------|------------|-----|-----|-----------------|
| CS14055_STRADA-IP-2X6-T2 | Multi-lens | 120 | 40 | 40 | 8.1 |
| » Box size: 476 x 273 x 247 mm | | | | | |

PRODUCT DATASHEET CS14055_STRADA-IP-2X6-T2



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



| bridgelux. | | * |
|---|---|--|
| LED | Bridgelux SMD 5050 | |
| FWHM / FWTM | Asymmetric | the second secon |
| Efficiency | 94 % | |
| Peak intensity | 0.7 cd/lm | |
| LEDs/each optic | 1 | X / T X X |
| Light colour | White | |
| Required componer | | $\nabla / T + T \vee Z$ |
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| CONET | | |
| LED | QUICK FLUX 2x6 LED XG xxx G7+ | 23 |
| FWHM / FWTM | Asymmetric | т — _ т. |
| Efficiency | 94 % | 2 the |
| Peak intensity | 0.9 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required componer | | · · · · · · · · · · · · · · · · · · · |
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| CONET | | |
| LED | QUICK FLUX 2x6 LED XT xxx G5 | 21 |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 94 % | 2 And C |
| Peak intensity | 1.1 cd/lm | ur / / /un |
| LEDs/each optic | 1 | \times / \uparrow |
| Light colour | White | $X \times I \times X$ |
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| Required componer | | |
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| Requirea componer | | |
| Required componer | | |
| CREE 🚖 | | |
| | its: | |
| CREE ÷ LED | XP-G | |
| CREE LED FWHM / FWTM | XP-G Asymmetric | r" (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1 |
| CREE LED FWHM / FWTM Efficiency | XP-G Asymmetric 94 % | r" (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1 |
| CREE LED FWHM / FWTM Efficiency Peak intensity | XP-G Asymmetric 94 % 1 cd/lm | |
| CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | XP-G Asymmetric 94 % 1 cd/lm 1 | r" (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1 |
| CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | XP-G Asymmetric 94 % 1 cd/lm 1 White | |
| CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | XP-G Asymmetric 94 % 1 cd/lm 1 White | |
| CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | XP-G Asymmetric 94 % 1 cd/lm 1 White | |
| CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | XP-G Asymmetric 94 % 1 cd/lm 1 White | |
| CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | XP-G Asymmetric 94 % 1 cd/lm 1 White | |



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| LEDS | | 2° |
| | XP-G2 | |
| FWHM / FWTM | Asymmetric | 2 million |
| Efficiency | 94 % | |
| Peak intensity | 1 cd/lm | |
| LEDs/each optic | 1 | \times / \rightarrow \times |
| Light colour | White | e 🔨 / 🛛 🗸 🕷 |
| Required compone | nts: | / |
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| | | 27 N |
| LED | XP-G3 | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 94 % | e 7 m |
| Peak intensity | 0.9 cd/lm | |
| LEDs/each optic | 1 | \vee / $\rightarrow \rightarrow$ \vee \vee |
| Light colour | White | r / / · · · · · · |
| Required compone | nts: | |
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| | | X X |
| | | 12* |
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| | | 5.7 |
| LED | XP-L HD | |
| FWHM / FWTM | Asymmetric | 10 m |
| Efficiency | 94 % | |
| Peak intensity | 0.8 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | nts: | $\times / \top \setminus \times$ |
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| | | a a a |
| | | |
| LED | XP-L2 | 4 |
| FWHM / FWTM | Asymmetric | u u |
| Efficiency | 94 % | |
| Peak intensity | 0.7 cd/lm | \mathbb{K} \mathbb{N} \mathbb{N} |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | | |
| | | |
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| LED XP-L2 | 5 |
|---|--|
| FWHM / FWTM Asymmetric | 20 |
| Efficiency 94 % | |
| Peak intensity 0.8 cd/lm | |
| LEDs/each optic 1 | |
| Light colour White | |
| Required components: | |
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| | \times / \wedge \times |
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| | 27 |
| LED XT-E | 21 |
| FWHM / FWTM Asymmetric | No contraction of the second s |
| Efficiency 94 % | |
| Peak intensity 1 cd/lm | |
| LEDs/each optic 1 | |
| Light colour White | |
| Required components: | |
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| | 20 - 20 |
| | |
| | |
| LED XT-E HE | 2 |
| FWHM / FWTM Asymmetric | |
| Efficiency 94 % | |
| Peak intensity 1 cd/lm | |
| LEDs/each optic 1 | |
| Light colour White | e de la companya de l |
| | |
| Required components: | |
| | |
| | |
| LED EHP-2x6-IP-3535 | |
| ELED EHP-2x6-IP-3535 FWHM / FWTM Asymmetric | |
| LED EHP-2x6-IP-3535 FWHM / FWTM Asymmetric Efficiency 94 % | |
| LED EHP-2x6-IP-3535 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1 cd/lm | |
| LED EHP-2x6-IP-3535 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1 cd/m LEDs/each optic 1 | |
| VINITY EHP-2x6-IP-3535 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1 cd/m LEDs/each optic 1 Light colour White | |
| LED EHP-2x6-IP-3535 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1 cd/m LEDs/each optic 1 | |
| Virtual State EHP-2x6-IP-3535 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1 cd/m LEDs/each optic 1 Light colour White | |
| VINITY EHP-2x6-IP-3535 FWHM / FWTM Asymmetric Efficiency 94 % Peak intensity 1 cd/m LEDs/each optic 1 Light colour White | |



| LED FWHM / FWTM Efficiency | EHP-2x6-IP-5050 Asymmetric 96 % | |
|--|---------------------------------------|---------------|
| Peak intensity LEDs/each optic | 0.8 cd/lm 1 | |
| Light colour Required componer | White Its: | * |
| | | |
| UMIL | EDS | |
| LED FWHM / FWTM Efficiency | LUXEON R Asymmetric 94 % | |
| Peak intensity LEDs/each optic Light colour Required componer | 1 cd/lm 1 White | ic Andrew Are |
| | | |
| BLUMIL | EDS | |
| LED FWHM / FWTM | LUXEON Rebel ES Asymmetric | |
| Efficiency Peak intensity LEDs/each optic | 94 % 1 cd/lm 1 | |
| Light colour Required componer | White Its: | |
| | | |
| UMIL | | - |
| LED FWHM / FWTM Efficiency | LUXEON T Asymmetric 94 % | |
| Peak intensity LEDs/each optic Light colour Required componer | 1 cd/lm 1 White | |
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|--------------------|----------------------------------|--|
| LED | LUXEON V | |
| EED FWHM / FWTM | | 10 |
| Efficiency | Asymmetric 92 % | |
| Peak intensity | 92 % 0.8 cd/lm | |
| - | | |
| LEDs/each optic | | |
| Light colour | White | C |
| Required compone | its: | |
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| | | XTAX |
| | | here and the second sec |
| | EDS | |
| LED | LUXEON V2 | ······································ |
| LED FWHM / FWTM | | |
| Efficiency | Asymmetric 96 % | 27tm |
| Peak intensity | 90 % 1.1 cd/lm | |
| | | |
| LEDs/each optic | 1 White | |
| Light colour | | |
| Required compone | IS. | |
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| | | \times / T / \times |
| | | |
| | EDS | |
| LED | LUXEON XR-TX (L2T0-xxxx012M0000) | 2 |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 94 % | 12 the |
| Peak intensity | 1.1 cd/lm | ek - N. / 💛 N. 744 |
| LEDs/each optic | 1 | \times / \uparrow \uparrow \uparrow \times |
| Light colour | White | $X \times I \wedge X \times$ |
| Required component | | |
| | no. | X X |
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| | | $\times I \longrightarrow$ |
| | | 12° |
| OLUMIL | EDS | |
| LED | LUXEON Z ES | 1 |
| FWHM / FWTM | Asymmetric | and the second s |
| Efficiency | 94 % | |
| Peak intensity | 1.6 cd/lm | |
| LEDs/each optic | 1 | $\nabla X I X V$ |
| Light colour | White | |
| Required component | | |
| | | \times |
| | | V T- V |
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|---|---|--|
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | RecLED 146x45mm 2900lm 730 2x6 IP G1 Asymmetric 95 % 1 cd/lm 1 White | 2 ²⁰ 2 ⁴ 2 ⁴ 2 ⁵ 2 ⁵⁰ 2 ⁵⁰ |
| ØNICHI | | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | NVSW219F Asymmetric 94 % 0.9 cd/lm 1 White | |
| ØNICHI A | | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | NVSW319B Asymmetric 94 % 0.9 cd/lm 1 White | |
| | | |
| ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | NVSW3x9A Asymmetric 94 % 0.8 cd/lm 1 White | |
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| ØNICHI | N Contraction of the second seco | |
| LED | NVSW519A | 5 |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 96 % | XATT |
| Peak intensity | 0.9 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required compone | | |
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| OSRAM Opto Semiconductors | | |
| LED | OSLON Square PC | 2 |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 94 % | |
| Peak intensity | 1 cd/lm | |
| LEDs/each optic | 1 | \times / $+$ $+$ \times \times |
| Light colour | White | 1. V |
| Required compone | ents: | |
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| PHILIP | 25 C | 17 N |
| | Fortimo FastFlex LED 2x6 DP G4 | 2 |
| | | |
| LED FWHM / FWTM Efficiency | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % | 2 |
| LED FWHM / FWTM Efficiency Peak intensity | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm | 2 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 | 2 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White | 2 |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White | AT THE AT |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White | AT THE AT |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White | AT THE AT |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ents: | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ents: | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ents: | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componer | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ents: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLIE LED FWHM / FWTM Efficiency | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ents: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 96 % | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Equired compone PHILLIE FWHM / FWTM Efficiency Peak intensity | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ents: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 96 % 1 cd/lm | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Equired compone PHILLIE FWHM / FWTM Efficiency Peak intensity LEDs/each optic | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ents: S Fortimo FastFlex LED 2x6 DP G5 Asymmetric 96 % 1 cd/lm 1 | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLIE FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ents: Fortimo FastFlex LED 2x6 DP G5 Asymmetric 96 % 1 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Equired compone PHILLIE FWHM / FWTM Efficiency Peak intensity LEDs/each optic | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ents: Fortimo FastFlex LED 2x6 DP G5 Asymmetric 96 % 1 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLIE FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ents: Fortimo FastFlex LED 2x6 DP G5 Asymmetric 96 % 1 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLIE FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ents: Fortimo FastFlex LED 2x6 DP G5 Asymmetric 96 % 1 cd/lm 1 White | |
| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone PHILLIE FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Fortimo FastFlex LED 2x6 DP G4 Asymmetric 94 % 1 cd/lm 1 White ents: Fortimo FastFlex LED 2x6 DP G5 Asymmetric 96 % 1 cd/lm 1 White | |



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| SAMSU | ING | |
| LED | HiLOM RH12 (LH351C) | |
| FWHM / FWTM | Asymmetric | 10 / W. |
| Efficiency | 94 % | 12 The |
| Peak intensity | 1.1 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | $X \times L \setminus X \times$ |
| Required componer | | |
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| SAMSU | ING | - 14 |
| LED | HiLOM RM12 ZP (LH502C) | 4 |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 95 % | |
| Peak intensity | 0.7 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | e |
| Required componer | its: | |
| | | |
| | | |
| | | |
| SAMSU | | |
| <u>2111120</u> | | |
| LED | LH351Z | |
| | | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 94 % | |
| Efficiency Peak intensity | 94 % 1.1 cd/lm | |
| Efficiency Peak intensity LEDs/each optic | 94 % 1.1 cd/lm 1 | |
| Efficiency Peak intensity LEDs/each optic Light colour | 94 % 1.1 cd/lm 1 White | |
| Efficiency Peak intensity LEDs/each optic | 94 % 1.1 cd/lm 1 White | |
| Efficiency Peak intensity LEDs/each optic Light colour | 94 % 1.1 cd/lm 1 White | 2" 2" 10 10 10 10 10 10 10 10 10 10 10 10 10 |
| Efficiency Peak intensity LEDs/each optic Light colour | 94 % 1.1 cd/lm 1 White | 2" 2" 10 10 10 10 10 10 10 10 10 10 |
| Efficiency Peak intensity LEDs/each optic Light colour | 94 % 1.1 cd/lm 1 White | |
| Efficiency Peak intensity LEDs/each optic Light colour Required componer | 94 % 1.1 cd/lm 1 White tts: | |
| Efficiency Peak intensity LEDs/each optic Light colour Required componer | 94 % 1.1 cd/lm 1 White tts: LUX | |
| Efficiency Peak intensity LEDs/each optic Light colour Required componer | 94 % 1.1 cd/lm 1 White tts: LUX BALAM-VP-5250-750-36 | |
| Efficiency Peak intensity LEDs/each optic Light colour Required componer | 94 % 1.1 cd/lm 1 White its: BALAM-VP-5250-750-36 Asymmetric | |
| Efficiency Peak intensity LEDs/each optic Light colour Required componer | 94 % 1.1 cd/lm 1 White its: BALAM-VP-5250-750-36 Asymmetric 96 % | |
| Efficiency Peak intensity LEDs/each optic Light colour Required componer | 94 % 1.1 cd/lm 1 White tts: LUX BALAM-VP-5250-750-36 Asymmetric 96 % 0.9 cd/lm | |
| Efficiency Peak intensity LEDs/each optic Light colour Required componer SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | 94 % 1.1 cd/lm 1 White tts: LUX BALAM-VP-5250-750-36 Asymmetric 96 % 0.9 cd/lm 1 | |
| Efficiency Peak intensity LEDs/each optic Light colour Required componer SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 94 % 1.1 cd/lm 1 White tts: LUX BALAM-VP-5250-750-36 Asymmetric 96 % 0.9 cd/lm 1 White | |
| Efficiency Peak intensity LEDs/each optic Light colour Required componer SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic | 94 % 1.1 cd/lm 1 White tts: LUX BALAM-VP-5250-750-36 Asymmetric 96 % 0.9 cd/lm 1 White | |
| Efficiency Peak intensity LEDs/each optic Light colour Required componen SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 94 % 1.1 cd/lm 1 White tts: LUX BALAM-VP-5250-750-36 Asymmetric 96 % 0.9 cd/lm 1 White | |
| Efficiency Peak intensity LEDs/each optic Light colour Required componen SCIO LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | 94 % 1.1 cd/lm 1 White tts: LUX BALAM-VP-5250-750-36 Asymmetric 96 % 0.9 cd/lm 1 White | |



| LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component | BALAMEC-VE-5700-740-36 Asymmetric 96 % 0.8 cd/lm 1 White | |
|---|---|--|
| ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component | ROY-S26XPL2 (XP-L2) Asymmetric 94 % 0.8 cd/lm 1 White | |
| SCIO LED FWHM / FWTM | XLE-S22C4XTEHE (XT-E HE) Asymmetric | |
| Efficiency Peak intensity LEDs/each optic Light colour Required componen | 94 % 1 cd/lm 1 White hts: | s.e ⁴ 10 in in in it is in it |
| SCIO LED FWHM / FWTM Efficiency | LUX XLE-S26XHP35 (XHP35 HD) Asymmetric 94 % | |
| Peak intensity LEDs/each optic Light colour Required component | 0.7 cd/lm 1 White | |



| stout servicentour LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component | 2x6 5050 module - SMJD-3625012F-XX Asymmetric 94 % 0.7 cd/lm 1 White nts: | | |
|---|---|---|---|
| SECUL SEMICONDUCTOR LED FWHM / FWTM Efficiency | SMJQ-D36W12Mx Asymmetric 93 % | | |
| Peak intensity LEDs/each optic Light colour Required component | 0.9 cd/lm 1 White | _ | |
| | | | |
| stout service/took LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component | SMJQ-D36W12Px Asymmetric 94 % 0.9 cd/m 1 White nts: | | |
| | | | X |
| STOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Z5M3 Asymmetric 94 % 0.9 cd/m 1 White | | |
| Required component | nts: | | |



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|---------------------------|----------------------------|---|
| SEQUE SEMICONDUCTOR | 70/60 | er and |
| LED | Z8Y22 | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 93 % | |
| Peak intensity | 0.9 cd/lm | |
| LEDs/each optic | 1 | $X \rightarrow X X$ |
| Light colour | White | e 🗸 / 🗋 🗸 👁 |
| Required componer | its: | |
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| | | 10° - 16° |
| | | |
| LED | Z8Y22P | 2 |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 94 % | 2 the |
| Peak intensity | 0.9 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | e / T / w |
| Required componer | | $\times / \times 1$ |
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| | | \times / \times |
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| TOSHIBA | | |
| Leading Innovation >>> | | ······································ |
| | TL1L4 | |
| FWHM / FWTM Efficiency | Asymmetric 93 % | |
| | | at 77 / 1 - 7 - 30 |
| Peak intensity | 1 cd/lm | |
| LEDs/each optic | 1 White | X / T = X X |
| Light colour | | |
| Required componer | lis. | |
| | | |
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| | | 72* 20 20 20 20 20 20 20 20 20 20 20 20 20 2 |
| TDIDON | | |
| TRIDON | | 2 ¹⁰ W |
| LED | RLE 2x6 3000lm HP EXC2 OTD | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 94 % | |
| Peak intensity | 1 cd/lm | |
| LEDs/each optic | 1 | X/TXX |
| Light colour | White | e X a |
| Required componer | its: | |
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|----------------------|---------------------------|---|
| | J Series 5050B 6V K Class | et la |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 93 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required components: | | |
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| | | / /···· |
| | | n ng ng ng |
| | | # 1 |
| LED | XHP35 HD | |
| FWHM / FWTM | Asymmetric | " (Linner |
| Efficiency | 88 % | |
| Peak intensity | 0.7 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required components: | | $\times \setminus X$ |
| | | / 7 |
| | | \times / \times \times |
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| | | |
| | | 5" N |
| LED | XHP35 HI | |
| FWHM / FWTM | Asymmetric | STAN |
| Efficiency | 90 % | |
| Peak intensity | 0.7 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required components: | | |
| | | NIX |
| | | |
| | | Tr No R |
| CREE ≑ | | |
| LEDS | | |
| LED | XP-G2 HE | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 92 % | |
| Peak intensity | 0.7 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required components: | | |
| | | |
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| COLUMILED | DS | |
|---------------------------------------|---|---|
| LED | LUXEON 5050 Round LES | 1 |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 90 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required components: | | X X |
| · · · · · · · · · · · · · · · · · · · | | |
| | | \times / \times |
| | | / the second |
| | | are and an area |
| C LUMILE | DS S | |
| LED | LUXEON 5050 Square LES | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 94 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | \bigvee |
| Light colour | White | |
| Required components: | | |
| | | |
| | | |
| | | / /····· |
| | | |
| | | |
| LED | LUXEON TX | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 88 % | |
| Peak intensity | 0.7 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | | |
| | White | |
| Required components: | vvnite | |
| | vvnite | |
| | vvnite | |
| | white | |
| Required components: | vvnite | |
| Required components: | | |
| Required components: | NF3W585AR | |
| Required components: | NF3W585AR Asymmetric | |
| Required components: | NF3W585AR Asymmetric 90 % | |
| Required components: | NF3W585AR Asymmetric 90 % 0.7 cd/m | |
| Required components: | NF3W585AR Asymmetric 90 % 0.7 cd/lm 1 | |
| Required components: | NF3W585AR Asymmetric 90 % 0.7 cd/m | |
| Required components: | NF3W585AR Asymmetric 90 % 0.7 cd/lm 1 | |
| Required components: | NF3W585AR Asymmetric 90 % 0.7 cd/lm 1 | |
| Required components: | NF3W585AR Asymmetric 90 % 0.7 cd/lm 1 | |

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| ØNICHIA | | NY |
|-----------------------|------------|--|
| | | 2" N |
| LED | NV4WB35AM | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 94 % | |
| Peak intensity | 0.7 cd/lm | $\Lambda $ |
| LEDs/each optic | 1 | |
| Light colour | White | $e \times I \times e$ |
| Required components: | | |
| | | \times $ $ \times $ $ |
| | | / |
| | | \times / \times \times |
| | | T* Ø |
| ØNICHIA | | |
| X IVICI III | | 2" |
| | | |
| LED | NVSW219D | mont |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 94 % | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required components: | | |
| | | |
| | | |
| | | |
| | | * |
| ØNICHIA | | u /// w |
| LED | NVSxE21A | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 91 % | |
| Peak intensity | 0.9 cd/lm | |
| LEDs/each optic | 1 | $X / T \vee X$ |
| Light colour | White | |
| Required components: | | |
| | | |
| | | J 7 |
| | | |
| | | $\Sigma^{*} = \frac{10^{12}}{10^{12}} - \frac{10^{12}}{10^{12}} - \frac{10^{12}}{10^{12}}$ |
| <i>M</i>NICHIA | | |
| | | ·· ·· ·· |
| | NVSxE21A | |
| FWHM / FWTM | Asymmetric | $S \rightarrow T > P$ |
| Efficiency | 91 % | ar (7 / 1 / 7 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / |
| Peak intensity | 0.9 cd/lm | |
| LEDs/each optic | 1 | $X \times I \times X$ |
| Light colour | White | 10 / |
| Required components: | | $\times / \times \times$ |
| | | 1 |
| | | |
| | | \times / \times |
| | | |

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| OSRAM | | |
|----------------------------|-----------------------------|--|
| LED | PrevaLED Brick HP IP 2x6 | ··· ··· ··· ··· ··· ··· ··· ··· ··· ·· |
| FWHM / FWTM | Asymmetric | and the second second |
| Efficiency | 93 % | |
| | 93 % 0.7 cd/lm | |
| Peak intensity | | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required components: | | VITIV |
| | | |
| | | |
| | | |
| OSRAM | | |
| Opto Semiconductors LED | Duris S8 | 27 N |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 94 % | (manual) |
| Peak intensity | 94 % 0.6 cd/lm | |
| LEDs/each optic | 1 | N/N |
| Light colour | White | $X / T \land X$ |
| Required components: | White | |
| Required components. | | 7 |
| | | $\times 1 \times 2$ |
| | | 1 that N |
| | | E 10 0 00 |
| OSRAM | | |
| Opto Semiconductors | | 61 |
| LED | OSCONIQ P 3737 (2W version) | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 90 % | |
| Peak intensity | 0.8 cd/lm | |
| LEDs/each optic | 1 | $X = X \times X$ |
| Light colour | White | |
| Required components: | | \times / \times |
| | | / / |
| | | \times |
| | | 11" IN" IN" IN" IN" IN" |
| OSRAM | | |
| Opto Semiconductors | | ** |
| | OSCONIQ P 3737 (3W version) | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 93 % | |
| Peak intensity | 0.7 cd/lm | |
| LEDs/each optic | 1 | $X / T \land X$ |
| Light colour | White | e X v |
| Required components: | | LI THAN |
| | | \times \land \times |
| | | / / |
| | | |
| | | |



| OSRAM | | |
|----------------------|---------------------------------|--|
| Opto Semiconductors | | 5.4 |
| LED | OSCONIQ P 3737 (3W version) | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 93 % | |
| Peak intensity | 0.7 cd/lm | $N > 2 > 1 \sim 2$ |
| LEDs/each optic | 1 | |
| Light colour | White | • X |
| Required components: | | |
| | | X X |
| | | 30 \ |
| | | |
| OSRAM | | N |
| Opto Semiconductors | 001 0N 0 0000N/0000DM0 | ······································ |
| LED | OSLON Square CSSRM2/CSSRM3 | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 93 % | |
| Peak intensity | 0.7 cd/lm | |
| LEDs/each optic | | |
| Light colour | White | f a* |
| Required components: | | |
| | | MI IN |
| | | |
| | | |
| DUILIDO | | |
| PHILIPS | | 2" |
| LED | Fortimo FastFlex LED 2x6 DPX G4 | and a lot of the lot o |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 88 % | |
| Peak intensity | 0.8 cd/lm | \mathbb{K} |
| LEDs/each optic | 1 | $X / T \land X$ |
| Light colour | White | |
| Required components: | | |
| | | \times $($ \times $)$ |
| | | |
| | | |
| SAMSUN | 10 | |
| | | 17 N |
| LED | LH351C | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 94 % | |
| Peak intensity | 0.7 cd/lm | $N/N \sim N$ |
| LEDs/each optic | 1 | |
| Light colour | White | • X X • |
| Required components: | | |
| | | |
| | | / / |
| | | |
| | | |



| | 10 | |
|-----------------------------------|--------------------|--|
| SAMSUN | IG | |
| LED | LH351D | 1 All |
| FWHM / FWTM | Asymmetric | and the second of the second o |
| Efficiency | 93 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | \times / \square \land \land |
| Required components: | | X |
| | | 1 |
| | | \times / \times \times |
| | | |
| SAMSUN | IG | |
| | | 17 19 |
| | LH502D | |
| FWHM / FWTM | Asymmetric 94 % | |
| Efficiency Peak intensity | 94 % 0.6 cd/lm | |
| LEDs/each optic | 1 | \times |
| Light colour | White | X/T X X |
| Required components: | Wille | $^{\circ}$ X/ X |
| Required components. | | 1 |
| | | $\times / \times \times$ |
| | | |
| | | 1. m |
| | | TV VT |
| SEQUE SEMICONDUCTOR | | |
| | Acrich MJT 4040 | |
| FWHM / FWTM | Asymmetric 91 % | |
| Efficiency | 91 % 0.9 cd/lm | |
| Peak intensity | | |
| LEDs/each optic | 1 White | |
| Light colour | vvnite | NATIN |
| Required components: | | |
| | | |
| | | |
| | | 2.4 10 - 10 |
| | | |
| SEQUE SEMICONDUCTOR | | |
| LED | SEOUL DC 3030C | |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 94 % | |
| Poak intensity | 0.8 cd/lm | $X \longrightarrow X$ |
| | | |
| Peak intensity LEDs/each optic | 1 | $Z \times I \perp \Sigma X \land$ |
| LEDs/each optic Light colour | 1 White | \times |
| | | |
| LEDs/each optic Light colour | | |
| LEDs/each optic Light colour | | |



| SECONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: | SEOUL DC 5050 6V Asymmetric 94 % 0.6 cd/lm 1 White | |
|---|---|---|
| SECUL SEMICONDUCTOR | | |
| LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components: | Z5M Asymmetric 89 % 1 White | 10° - |
| stout stream of the stream of | Z5M1/Z5M2 Asymmetric 90 % 1 cd/lm 1 White | |
| scoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour | Z5M4 Asymmetric 94 % 0.8 cd/lm 1 White | |
| Required components: | | |



| TOSHIBA Leading Innovation >>> | | | |
|-----------------------------------|------------|-------------------|-----------------------------|
| LED | TL1L2 | | A |
| FWHM / FWTM | Asymmetric | in Contraction | |
| Efficiency | 88 % | 11 | |
| Peak intensity | 0.9 cd/lm | | Mr. " |
| LEDs/each optic | 1 | \times / Γ | \uparrow \land \times |
| Light colour | White | 6 1 | A AN |
| Required components: | | N/T | * * \ / |
| | | 7.1 | |
| | | | 330 |
| | | | |
| | | - 45' | e 35- |
| TOSHIBA Leading Innovation >>> | | u | |
| LED | TL1L3 | 23 | |
| FWHM / FWTM | Asymmetric | | for I and |
| Efficiency | 86 % | | martin |
| Peak intensity | 0.6 cd/lm | * | W The |
| LEDs/each optic | 1 | $\sim T$ | * |
| Light colour | White | e / | -4% 45" |
| Required components: | | 1 | |
| | | XT | * |
| | | | ** |
| | | | |
| | | B) ² | 3/0 |



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 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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