



spectrac
track lighting



2.5" 48V TRACKLIGHT PICO SERIES / DIRECT

STT25XM

APPLICATIONS

2.5" round style STT track light for accent, display and general illumination.

FEATURES

Track fixture designed for new 48V Track system. Fixture rotates 359° and tilts/locks 90°. Integral Bluetooth control for dimming scenes, electric feedback and beacon technology.

FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. A wide variety of standard and custom finishes are available.

CONSTRUCTION

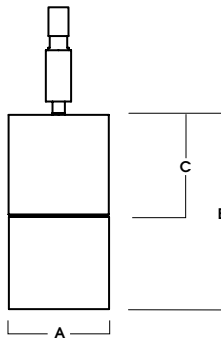
Fixture is fabricated from machined aluminum.

ELECTRONICS

LED system features Xicato LED module with proprietary phosphor technology that provides consistent, stable color with CCT control of +/- 100K over life of the module. Base CRI is 83 with 2 MacAdam Ellipse binning. Control is by bluetooth low energy.

CODE COMPLIANCE

BAA Compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Manufactured and tested to UL Standards No. 1598/8750.



| A | B | C |
|---------|----------|---------|
| 2.5 | 4.8 | 2.3 |
| 63.5 mm | 121.9 mm | 58.4 mm |

WATTAGE / LUMENS DATA

| PART NUMBER | SOURCE LUMENS ¹ | DELIVERED LUMENS ² | SYSTEM WATTS | LPW |
|-------------|----------------------------|-------------------------------|--------------|-----|
| STT25XM7L | 700 | 519 | 6.2 | 84 |
| STT25XM10L | 1000 | 695 | 9.1 | 76 |
| STT25XM13L | 1300 | 936 | 13.0 | 72 |

| SERIES | LUMENS ¹ | CCT | OPTICS | DRIVER / VOLTAGE ⁵ | ADAPTOR / MOUNTING ⁶ | FINISH | ACCESSORIES | |
|---------|------------------------|--|---|-------------------------------|---|--|-----------------|-----------------------------------|
| STT25XM | 7L ³ 700 Lm | 27K 2700K 30K 3000K 35K 3500K 40K 4000K | XN ⁴ 10° MD 48° WD 60° | BLU 48V Bluetooth Control | ADAPTOR | | HL32 Hex Louver | |
| | 10L 1000 Lm | | | | TM48V 48V Track for Bluetooth Wireless Controls | MW Matte White MB Matte Black PT Platinum Silver TW Textured White TB Textured Black MT Textured Silver BZ Bronze BA Brushed Aluminum CH Charcoal GH Graphite AC Champagne SN Sun Gold BR Brecchia Rust AN Anodic Natural CO Copper Metallic CC ⁸ Custom Color | | |
| | 13L 1300 Lm | | | | | | | POWER SUPPLY / TRACK ⁷ |
| | | | | | PS100W 100W | | | |
| | PS200W 200W | | | | | | | |

EXAMPLE: STT25XM13L27KNDBLU/TM48VBA

NOTES:

1 Nominal Source Lumens at Any CCT 2 Nominal Delivered Lumens at 83 CRI at Any CCT with MD-GL, MD-SO 3 7L not Available with XN 4 XN not Available with 98 CRI Option
5 Contact Factory for Additional Options 6 See Mounting Options for Pendant Specifications 7 Order Power Supply and Track Separately 8 See Color Page for More Options/
Consult Factory for Special Finishes



Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.



| | |
|-----------|-------|
| PROJECT: | TYPE: |
| CAT. NO.: | |



2.5" 48V TRACKLIGHT

PICO SERIES / FIXTURE OPTIONS

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STANDARD FINISHES

MW
MATTE WHITE



MB
MATTE BLACK



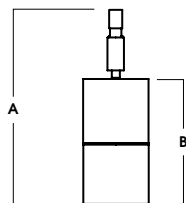
PT
PLATINUM SILVER



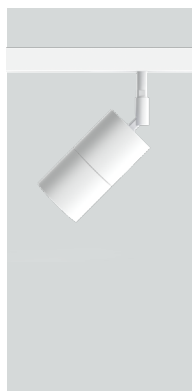
FIXTURE DIMENSIONS



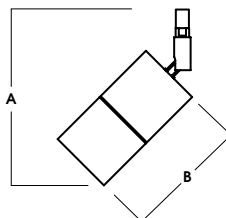
0° POSITION



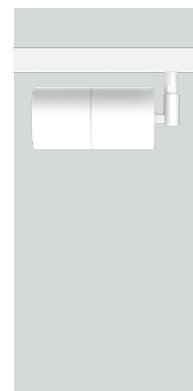
| A | B |
|----------|----------|
| 7.4 | 4.8 |
| 188.0 mm | 121.9 mm |



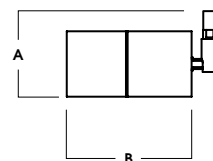
45° TILT



| A | B |
|----------|----------|
| 6.8 | 4.8 |
| 172.7 mm | 121.9 mm |



90° TILT



| A | B |
|---------|----------|
| 3.3 | 4.8 |
| 83.8 mm | 121.9 mm |

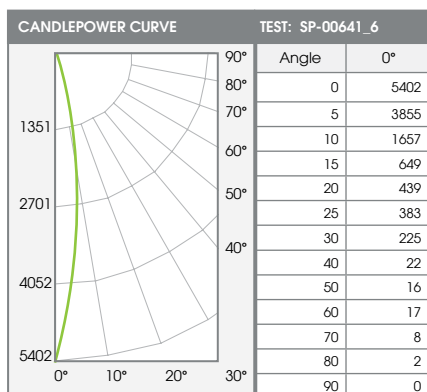


2.5" 48V TRACKLIGHT

PICO SERIES / PHOTOMETRIC DATA

STT25XM-13L35K-XNBLU-GL-TM48V-xxMW

13L XTRA NARROW - 83 CRI



| ZONAL LUMENS | | |
|--------------|-----|------|
| 0-10 | 304 | 38% |
| 0-20 | 524 | 66% |
| 0-30 | 686 | 86% |
| 0-40 | 742 | 93% |
| 0-60 | 775 | 98% |
| 0-80 | 792 | 100% |
| 0-90 | 794 | 100% |
| Total Lumens | 794 | 100% |

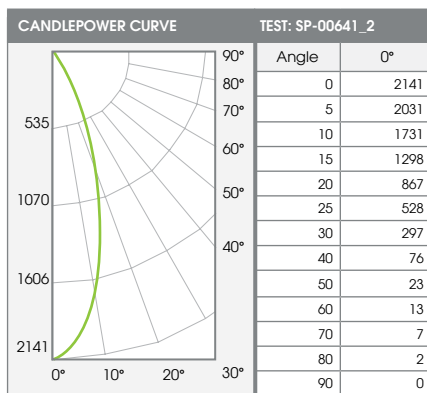
| SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS | | | |
|--|--------------|--------------------|--------------|
| Mounting Height* | FC at Center | Diameter of Beam** | FC at Beam** |
| 5.5' | 179 | 1.5' | 88 |
| 6.5' | 128 | 1.7' | 63 |
| 7.5' | 96 | 2.0' | 47 |
| 8.5' | 75 | 2.3' | 37 |
| 10.0' | 54 | 2.7' | 27 |
| 12.0' | 38 | 3.2' | 18 |
| 14.0' | 28 | 3.8' | 14 |
| 16.0' | 21 | 4.3' | 10 |

* From aperture to horizontal surface below.
** At IESNA defined Beam Angle, to 50% Max. CP.

Delivered Lumens: 794 CP @ 0° (Nadir): 5402 Spacing Ratio: 0.28
 Luminaire Watts: 18.4 Beam Angle: 15.3° Output Multipliers: 10L x 0.74
 LER: 43 CRI: 83

STT25XM-13L35K-MDBLU-SO-TM48V-xxMW

13L MEDIUM - 83 CRI



| ZONAL LUMENS | | |
|--------------|-----|------|
| 0-10 | 185 | 20% |
| 0-20 | 540 | 58% |
| 0-30 | 783 | 84% |
| 0-40 | 878 | 94% |
| 0-60 | 921 | 98% |
| 0-80 | 934 | 100% |
| 0-90 | 936 | 100% |
| Total Lumens | 936 | 100% |

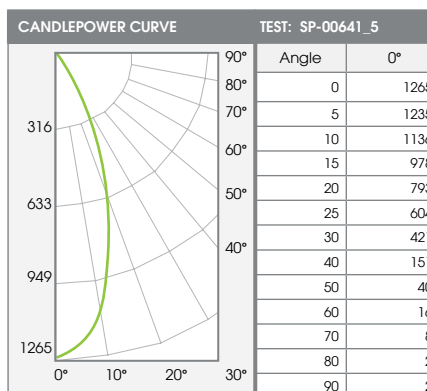
| SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS | | | |
|--|--------------|--------------------|--------------|
| Mounting Height* | FC at Center | Diameter of Beam** | FC at Beam** |
| 5.5' | 71 | 3.5' | 32 |
| 6.5' | 51 | 4.1' | 23 |
| 7.5' | 38 | 4.8' | 17 |
| 8.5' | 30 | 5.4' | 13 |
| 10.0' | 21 | 6.3' | 10 |
| 12.0' | 15 | 7.6' | 7 |
| 14.0' | 11 | 8.9' | 5 |
| 16.0' | 8 | 10.2' | 4 |

* From aperture to horizontal surface below.
** At IESNA defined Beam Angle, to 50% Max. CP.

Delivered Lumens: 936 CP @ 0° (Nadir): 2141 Spacing Ratio: 0.58
 Luminaire Watts: 13.0 Beam Angle: 35.2° Output Multipliers: 7L x 0.54, 10L x 0.77
 LER: 72 CRI: 83

STT25XM-13L35K-WDBLU-SO-TM48V-xxMW

13L WIDE - 83 CRI



| ZONAL LUMENS | | |
|--------------|-----|------|
| 0-10 | 114 | 12% |
| 0-20 | 385 | 42% |
| 0-30 | 659 | 71% |
| 0-40 | 825 | 89% |
| 0-60 | 908 | 98% |
| 0-80 | 924 | 100% |
| 0-90 | 926 | 100% |
| Total Lumens | 926 | 100% |

| SINGLE UNIT: PERFORMANCE INITIAL FOOTCANDLES AND BEAM ANGLE DIAMETERS | | | |
|--|--------------|--------------------|--------------|
| Mounting Height* | FC at Center | Diameter of Beam** | FC at Beam** |
| 5.5' | 42 | 5.0' | 17 |
| 6.5' | 30 | 5.9' | 12 |
| 7.5' | 22 | 6.8' | 9 |
| 8.5' | 18 | 7.7' | 7 |
| 10.0' | 13 | 9.0' | 5 |
| 12.0' | 9 | 10.8' | 4 |
| 14.0' | 6 | 12.6' | 3 |
| 16.0' | 5 | 14.4' | 2 |

* From aperture to horizontal surface below.
** At IESNA defined Beam Angle, to 50% Max. CP.

Delivered Lumens: 926 CP @ 0° (Nadir): 1265 Spacing Ratio: 0.58
 Luminaire Watts: 13.0 Beam Angle: 48.5° Output Multipliers: 7L x 0.54, 10L x 0.77
 LER: 71 CRI: 83

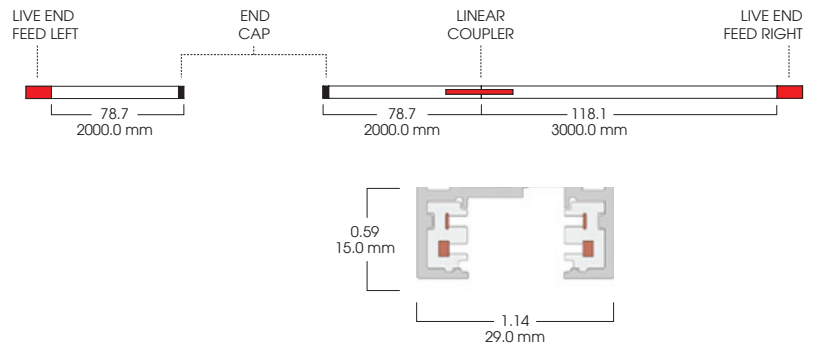


COMPONENTS OF BLT TRACK INSTALLATION

- Architectural Grade 48V Track System.
- Low Profile, easy installation.
- Integral Suspension Rail.
- Copper connector / polycarbonate components.
- UL Listed.

| TRACK LENGHT | |
|--------------|-----------|
| DESCRIPTION | 1 CIRCUIT |
| 2 METERS | BLT2M |
| 3 METERS | BLT3M |

TYPICAL TRACK INSTALLATIONS



SPECIFY FINISH: White (-1) ; Black (-2): Silver Anodized (-3)

ACCESSORIES FOR BLT TRACK INSTALLATION AND MOUNTING

LIVE END

- 1 CIRCUIT RIGHT **BLT11-R**
- 1 CIRCUIT LEFT **BLT11-L**



END CAP

- 1 CIRCUIT **BLT41**



LINEAR COUPLER

- 1 CIRCUIT **BLT21**



SPECIFY FINISH: White (-1) Black (-2) Grey (-3)

BLT POWER PACKS

NUMBER OF FIXTURES PER RUN IS CONTINGENT ON THE WATTAGE OF THE DRIVER AND NOT THE LENGTH OF TRACK. MAX RUN 100' PER CHANNEL.

| | | | 7L 700 LUMEN | 13L 1300 LUMEN |
|---------------|------|--|-----------------|-------------------|
| PS100 | 100W | | 9 | 5 |
| PS200D | 200W | | 9 | 5 |
| | | | 9 | 5 |

D: Dual Channel