



VERS-OPTICS (05) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

white optics

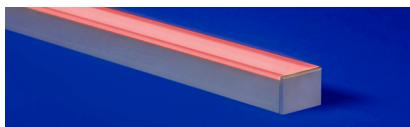


ROHS

EPD 5 YEAR WARRANTY



Declare



- Optically enhanced VERSatile fixture provides precision beam control for when precision lighting is needed
- The high-quality lens features a proprietary diffusing agent for superior beam control and clean edges
- Features integrated metal endcaps
- Mounting options include a concealed or magnetic clip
- With an internal White Optics coating, the fixture achieves greater lumen output
- Durable anodized aluminum housings
- QTL Red & Amber LED products are FWC certified, making them safe for turtles and other wildlife
- Consult factory for field assembly options
- Optional external louver accessory available in white or black for added glare control

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

| 1 | 2 | 3 | 4 | 5 | 6 |
|------------|-----------|-----|-------|------|-----------------|
| PRODUCT | WATTS/ FT | CCT | RATED | LENS | EXTERNAL LOUVER |
| VERS-05-SC | 5.0 | | DRY | | |

Sample Part Number: VERS-05-SC-5.0-G-DRY-40D-L1-BK-P1-BW-BW-BK-CL2-CC-BK-48"-E

| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|-------------------|-------------------|--------------------|------------|-----------|----------|--------|-------------|----------------|
| WIRE INPUT/OUTPUT | CONNECTOR/WIRE IN | CONNECTOR/WIRE OUT | WIRE COLOR | WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/ OPTIMAL |
| | | | | | | | | |

| 1 | 2 | 3 | 4 | 5 | 6 |
|------------|-------------|---------------------------------------|----------|------------------------------------|---|
| PRODUCT | WATTS/FT | CCT | RATED | LENS | EXTERNAL LOUVER |
| VERS-05-SC | 5.0 5.0W/ft | A Amber B Blue G Green R Red | DRY IP20 | 40D Optical 40° 50D Optical 50° | L1-WH White Plastic L1-BK Black Plastic L2-ST Satin Anodized Aluminum L2-BK Black Anodized Aluminum L2-WH White Powder Coated Aluminum N/A No Louver |

| 7 | 8 | 9 | 10 |
|--|--|---------------------------------|------------------------------------|
| WIRE INPUT/OUTPUT | CONNECTOR/WIRE IN | CONNECTOR/WIRE OUT | WIRE COLOR |
| SINGLE (Input only) S1 End Feed S2 Bottom Feed S3 Left Side Feed S4 Right Side Feed | BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24" | CLS Closed End (No feed) | WH White BK Black |
| When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details. | BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48) | | |

| 11 | 12 | 13 | 14 | 15 |
|---|---|---|--|--|
| WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/ OPTIMAL |
| CL2 Class 2 CL2P Plenum Rated CL2P only available with bare wire leads (BW) | CC Concealed Clip MG Magnet TBC-03 9/16" Flat TB-Grid TBC-04 15/16" Flat or Tegular TB-Grid TBC-05 9/16" Tegular TB-Grid or 9/16" Flat TB-Grid, with External Louver TBC-06 9/16" Tegular TB-Grid, with External Louver TBC-07 15/16" Flat TB-Grid, with External Louver TBC-08 15/16" Tegular TB-Grid, with External Louver | ST Satin BK Black BZ Bronze WH White CU Custom | Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12". | O Optimal Illumination E Exact Specified Length |

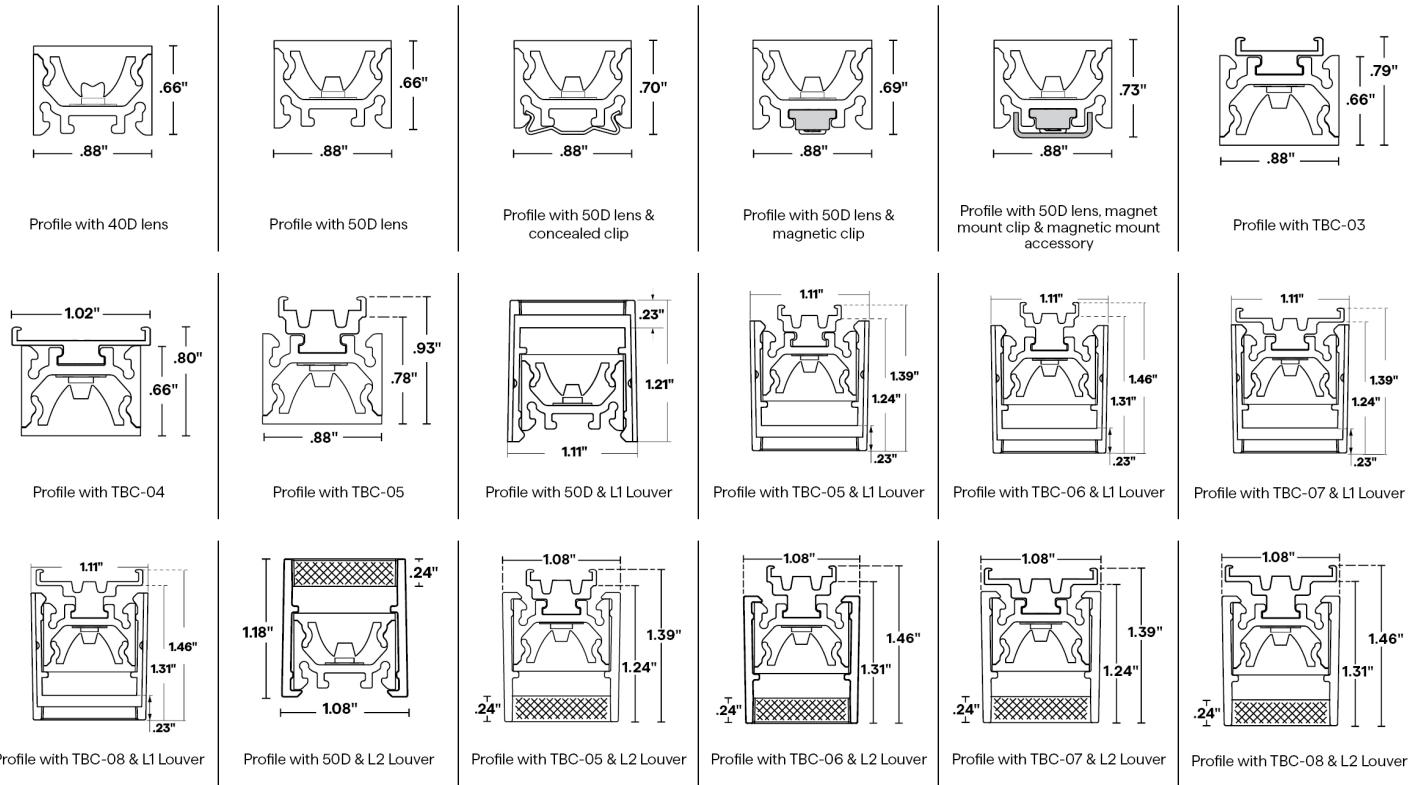
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



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1 PRODUCT - DIMENSIONS



2 DELIVERED LUMENS

[Calculated L70 = 50000 hrs]
Tested with VERS-05-SC-5.0-**-DRY

| | Red | | Green | | Blue | | Amber | |
|-----|-------|------------|-------|------------|-------|------------|-------|------------|
| | LM/FT | Wavelength | LM/FT | Wavelength | LM/FT | Wavelength | LM/FT | Wavelength |
| 40D | 115 | 635 | 571 | 519 | 131 | 467 | 85 | 596 |
| 50D | 122 | 634 | 584 | 519 | 132 | 467 | 92 | 595 |



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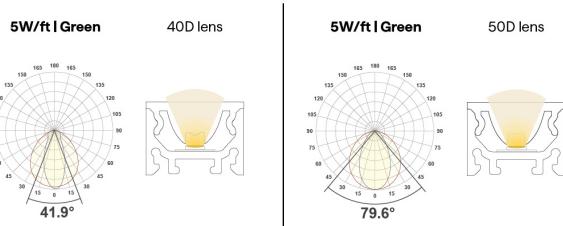
5 DIODE VISIBILITY



Optical lens

PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.

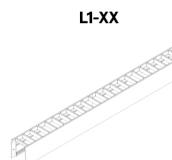
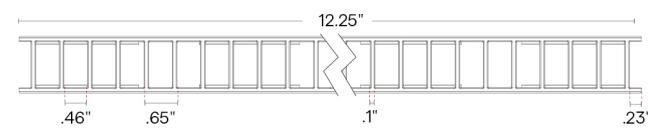


TEMPERATURE RATINGS

| | | 5.0 W/FT | |
|-----|----------------------------------|----------|-------|
| | | Min | Max |
| DRY | Ambient Operating Temp - Surface | -4°F | 125°F |

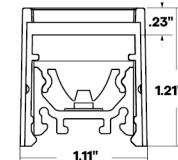
6 EXTERNAL LOUVER

PLASTIC



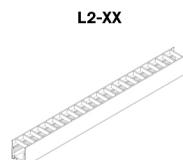
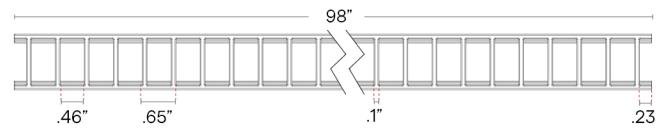
Lumen Multiplier

WH BK



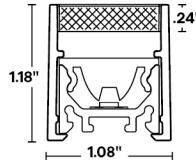
Profile with plastic louver

METAL



Lumen Multiplier

WH BK ST



Profile with metal louver

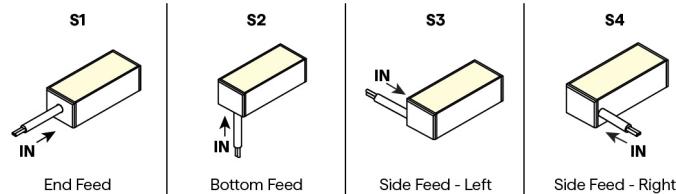


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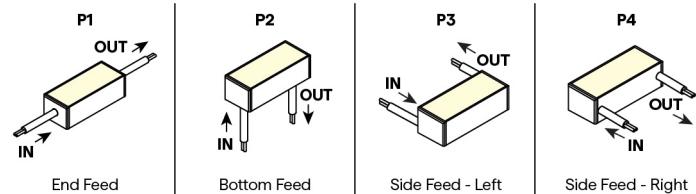
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7 WIRE INPUT/OUTPUT

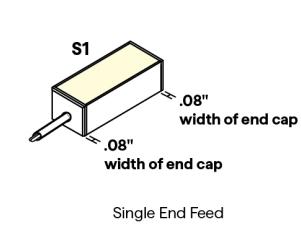
SINGLE (Input only)



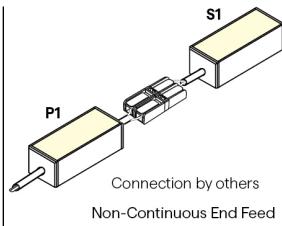
PASS THROUGH (Input/Output)



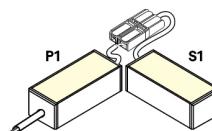
CONFIGURATION OPTIONS



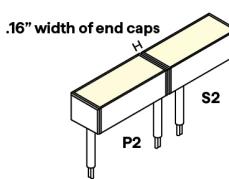
Single End Feed



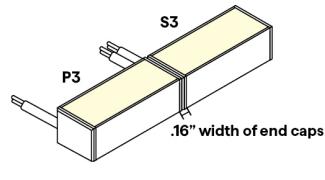
Connection by others
Non-Continuous End Feed



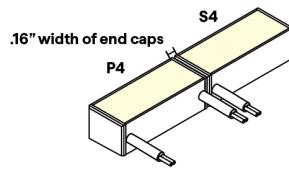
Connection by others
Non-Continuous Corner Feed



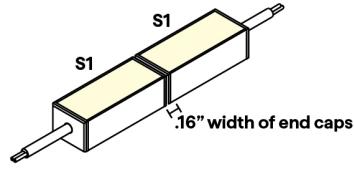
Continuous Bottom Feed



Continuous Side Feed - Left



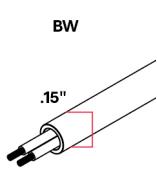
Continuous Side Feed - Right



Continuous End to End Feed

8 / 9 CONNECTOR/WIRE – IN/OUT

Connector/Wire In or Out not needed to specify product.



Bare Wire 36"
22 AWG



6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

10 WIRE COLOR



White

Black



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12 MOUNTING

| | | | | |
|--|---|---|---|--|
| CC (CC-01) | CC (CC-02) | MG | MMA-02 | TBC-03 |
| | | | | |
| Concealed Clip | Louver Concealed Clip Required if L1 or L2 Louver is selected | Magnet Clip | Magnet Mount Accessory for MG-02 | Plastic T-Bar Clip |
| 2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4' | 2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4' | One MG provided per foot To order separately use MG-02 | Sold separately, to order use MMA-02 Each clip comes with a #6 Flat Screw | Use on 9/16" Flat Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length |
| To order separately use CC-01 | To order separately use CC-02 | | Required when mounting to a non-magnetic surface | To order separately use TBC-03 Each pair of clips comes with M2.5 x 4mm set screw and Allen key |
| Each clips comes with a #4 x 5/8" Flat Head screw. | Each clips comes with a #4 x 5/8" Flat Head screw. | | | |
| TBC-04 | TBC-05 | TBC-06 | TBC-07 | TBC-08 |
| | | | | |
| Plastic T-Bar Clip | Plastic T-Bar Clip | Plastic T-Bar Clip | Plastic T-Bar Clip | Plastic T-Bar Clip |
| Use on 15/16" Flat or Tegular Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length To order separately use TBC-04 Each pair of clips comes with M2.5 x 4mm set screw and Allen key | Use on 9/16" Tegular Drop Ceiling or with Louver on 9/16" Flat Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length To order separately use TBC-05 Each pair of clips comes with M2.5 x 4mm set screw and Allen key | Use with Louver on 9/16" Tegular Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length To order separately use TBC-06 Each pair of clips comes with M2.5 x 4mm set screw and Allen key | Use with Louver on 15/16" Flat Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length To order separately use TBC-07 Each pair of clips comes with M2.5 x 4mm set screw and Allen key | Use with Louver on 15/16" Tegular Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length To order separately use TBC-08 Each pair of clips comes with M2.5 x 4mm set screw and Allen key |

13 FINISH



Satin

Black

Bronze

White

Custom color available



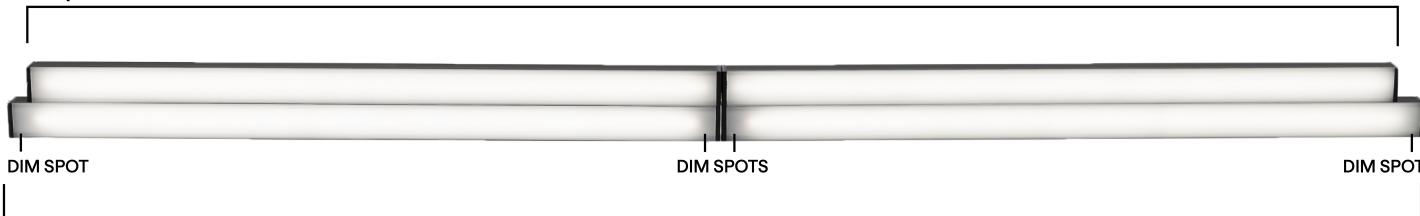
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15 EXACT/OPTIMAL FIXTURE LENGTH

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.

Optimal Fixtures



Exact Fixtures

SC DRY LENGTHS BY INCH

Available in any length in between 12" and 98" not including end caps, chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is $+0 - 1/8"$. Consult factory for lengths under 12".

EXACT LENGTH

| Requested Length | Potential dim spot on either end of fixture |
|------------------|---|
| 12" | 1" |
| 13" | 0.5" |
| 14" | 1" |
| 15" | 0.5" |
| 16" | 1" |
| 17" | 0.5" |
| 18" | 1" |
| 19" | 0.5" |
| 20" | 1" |
| 21" | 0.5" |
| 22" | 1" |
| 23" | 0.5" |
| 24" | 1" |
| 36" | 1" |
| 48" | 1" |
| 60" | 1" |
| 72" | 1" |
| 84" | 1" |
| 96" | 1" |

OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

| Requested Nominal Length | S1 & S2 | P1 & P2 | S3 & S4 | P3 & P4 |
|--------------------------|---------|---------|---------|---------|
| 12" | 10.49" | 10.74" | 10.34" | 10.44" |
| 13" | 12.49" | 12.74" | 12.34" | 12.44" |
| 14" | 12.49" | 12.74" | 12.34" | 12.44" |
| 15" | 14.49" | 14.74" | 14.34" | 14.44" |
| 16" | 14.49" | 14.74" | 14.34" | 14.44" |
| 17" | 16.49" | 16.74" | 16.34" | 16.44" |
| 18" | 16.49" | 16.74" | 16.34" | 16.44" |
| 19" | 18.49" | 18.74" | 18.34" | 18.44" |
| 20" | 18.49" | 18.74" | 18.34" | 18.44" |
| 21" | 20.49" | 20.74" | 20.34" | 20.44" |
| 22" | 20.49" | 20.74" | 20.34" | 20.44" |
| 23" | 22.49" | 22.74" | 22.34" | 22.44" |
| 24" | 22.49" | 22.74" | 22.34" | 22.44" |
| 36" | 34.49" | 34.74" | 34.34" | 34.44" |
| 48" | 46.49" | 46.74" | 46.34" | 46.44" |
| 60" | 58.49" | 58.74" | 58.34" | 58.44" |
| 72" | 70.49" | 70.74" | 70.34" | 70.44" |
| 84" | 82.49" | 82.74" | 82.34" | 82.44" |
| 96" | 94.49" | 94.74" | 94.34" | 94.44" |



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COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

| DIM TO LEVEL | INDOOR |
|--------------|--|
| | SC |
| Dim to Black | Q6M-DC+CAP QTM-DC+CAP iQ-PH iQ-PH+QD1 |
| 0.1% | QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AVN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AVN QTM-eLED+0-10V QTM-eLED+0-10V-AVN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AVN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP |
| 1% | QTM-eLED(E) QZ-DALI-DT6 |
| 10% | Non-Dim Power Supply with SW App Dongle |



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| DIMMING PROTOCOL | INDOOR |
|------------------|--|
| | SC |
| Non-Dim | QT-CAB-eLED-ND QTM-eLED-ND QZ-ND |
| Phase | Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH iQ-PH+QD1 |
| 0-10V | QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP |
| Lutron Athena | QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN |
| ECO System | QTM-eLED(E) |
| DMX | QZ-DMX |
| DALI-2: DT6 | QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6 |
| SCENE App Dimmed | Non-Dim Power Supply with SW App Dongle |

COMPATIBLE MOUNTING ACCESSORIES

| | | | | | | | | | |
|--|---|---|--|--|--|--|--|--|--|
| HINGE - HMB-M  1.41" Adjustable mounting bracket - Medium | HINGE - HMB-L  1.46" Adjustable mounting bracket - Large | HINGE - HMB-XL  1.29" Adjustable mounting bracket - XLarge | Q-PIVOT  4" 1.46" Small mounting accessory | Q-ANGLE  .75" 1.38" 1.03" Adjustable mounting accessory | NU-LARGE  | NU-LARGE  | SD-J-LARGE  | BL-LARGE  | NL-LARGE  |
|--|---|---|--|--|--|--|--|--|--|

SD-L-LARGE



L Mounting Bracket



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COMPATIBLE WIRING ACCESSORIES



COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage