



VERS-LOUVER (07) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed



Declare



INFORMATION REQUIRED FOR LIGHTING SCHEDULE

| 1 PRODUCT | 2 WATTS/ FT | 3 CCT | 4 RATED | 5 LENS | 6 EXTERNAL LOUVER |
|--------------|----------------|----------|------------|-----------|-------------------------|
| | | | | | N/A |

| ADDITIONAL INFORMATION REQUIRED TO ORDER | | | | | | | | | | | | | | |
|--|----------------------------|-----------------------------|------------------|-----------------|----------------|--------------|-------------------|-------------------------|--------|--------|--------|--------|--------|--------|
| 7 WIRE INPUT/ OUTPUT | 8 CONNECTOR/ WIRE IN | 9 CONNECTOR/ WIRE OUT | 10 WIRE COLOR | 11 WIRE TYPE | 12 MOUNTING | 13 FINISH | 14 LENGTH (IN) | 15 EXACT/ OPTIMAL | 16 | 17 | 18 | 19 | 20 | 21 |
| | | | | | | | | | | | | | | |

Sample Part Number: VERS-07-WD-6.0-19/30-DRY-DF-P1-BW-BW-BK-CL2-CC-BK-48"-E

| | | | | | |
|---|---|---|---|---|---|
| 1 PRODUCT VERS-07-WD LED engine is built with 2 wires suitable for phase dimming control. See following pages for compatible power supplies. | 2 WATTS/FT 6.0 6.0W/ft | 3 CCT 19/27 1900K/2700K 19/30 1900K/3000K | 4 RATED DRY IP20 | 5 LENS DF Diffused CL Clear For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages. | 6 EXTERNAL LOUVER N/A No Louver |
| VERS-07-DW LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies. | 1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE | 20/27 2000K/2700K 20/30 2000K/3000K 27/40 2700K/4000K 27/55 2700K/5500K | DRY IP20 | | |
| | 1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE | 24/30 2400K/3000K 27/40 2700K/4000K | DMP IP54 | | |
| 7 WIRE INPUT/OUTPUT SINGLE (Input only) S1 End Feed S2 Bottom Feed When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details. | 8 CONNECTOR/WIRE IN BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24" BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48) | 9 CONNECTOR/WIRE OUT CLS Closed End (No feed) | 10 WIRE COLOR WH White BK Black | | |
| PASS THROUGH (Input/output) P1 End Feed P2 Bottom Feed When using TBC Mounting, a bare wire P2 wire feed is recommended. See install instructions for details. | BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24" BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48) | BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24" BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48) | | | |
| 11 WIRE TYPE CL2 Class 2 CL2P Plenum Rated CL2P only available with bare wire leads (BW) | 12 MOUNTING 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 | 13 FINISH ST Satin BK Black BZ Bronze WH White CU Custom | 14 LENGTH (IN) Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12". | 15 EXACT/OPTIMAL O Optimal Illumination E Exact Specified Length Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts. | |

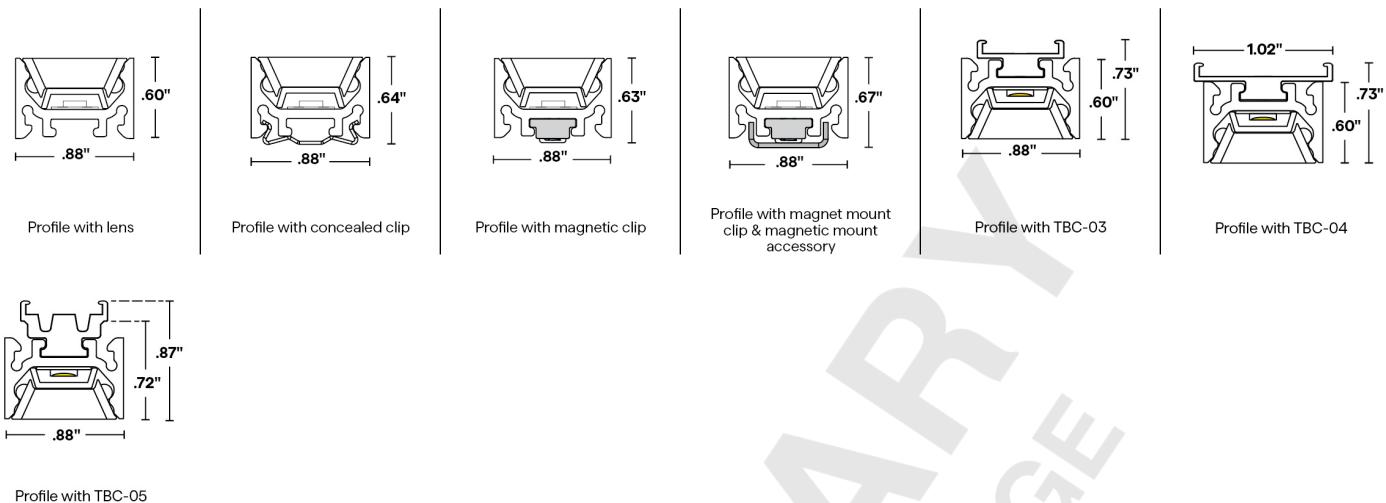
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



VERS-LOUVER (07) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS



2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with VERS-07-WD-**-30-DRY

[Calculated L70 = 70000 hrs]
Tested with VERS-07-DW-**-30-DRY

| | 6.0 W/FT | | |
|----|----------|-----|--------|
| | LM/FT | CRI | UGR |
| CL | 249 | 97 | ≤ 17.7 |
| DF | 201 | 97 | ≤ 17.6 |

| | 1.5HE W/FT | | | 2.5HE W/FT | | |
|----|------------|-----|--------|------------|-----|--------|
| | LM/FT | CRI | UGR | LM/FT | CRI | UGR |
| CL | 82 | 97 | ≤ 13 | 125 | 98 | ≤ 14.5 |
| DF | 65 | 97 | ≤ 13.4 | 102 | 98 | ≤ 15 |

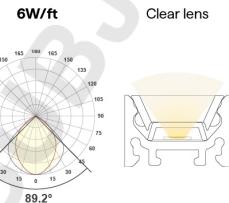
5 DIODE VISIBILITY



DF - Diffused lens
CL - Clear lens

PHOTOMETRIC PERFORMANCE

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





VERS-LOUVER (07) FOR WARM DIM APPLICATIONS

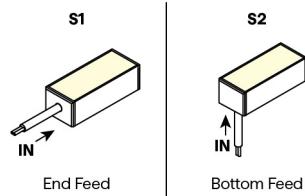
24VDC Linear Fixtures - Surface & Recessed

TEMPERATURE RATINGS

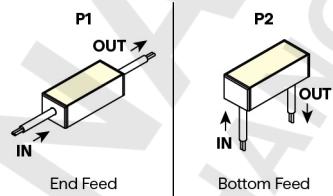
| | | DW 1.5 HE W/FT | | | | DW 2.5 HE W/FT | | | | | |
|-----|----------------------------------|----------------|-------|--|-------|---------------------------------------|-------|--|-------|---------------------------------------|-------|
| | | WD 6.0 W/FT | | Q-Tran power supply other than DALI, DMX | | DALI, DMX, or non-Q-Tran power supply | | Q-Tran power supply other than DALI, DMX | | DALI, DMX, or non-Q-Tran power supply | |
| | | Min | Max | Min | Max | Min | Max | Min | Max | Min | Max |
| DRY | Ambient Operating Temp - Surface | -4°F | 115°F | -4°F | 145°F | -4°F | 135°F | -4°F | 135°F | -4°F | 120°F |
| DMP | Ambient Operating Temp - Surface | — | — | -4°F | 140°F | -4°F | 130°F | -4°F | 130°F | -4°F | 115°F |

7 WIRE INPUT/OUTPUT

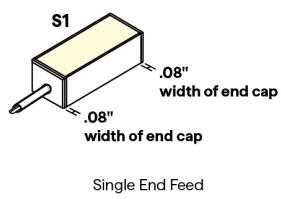
SINGLE (Input only)



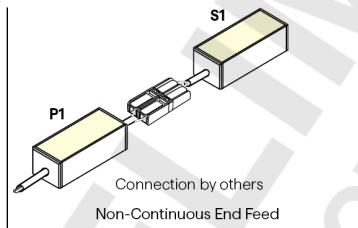
PASS THROUGH (Input/Output)



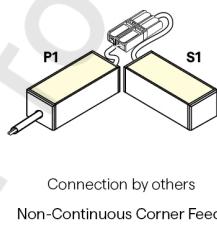
CONFIGURATION OPTIONS



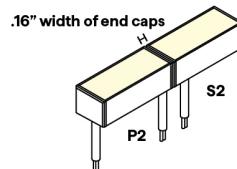
Single End Feed



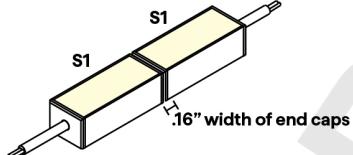
Connection by others
Non-Continuous End Feed



Connection by others
Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous End to End Feed

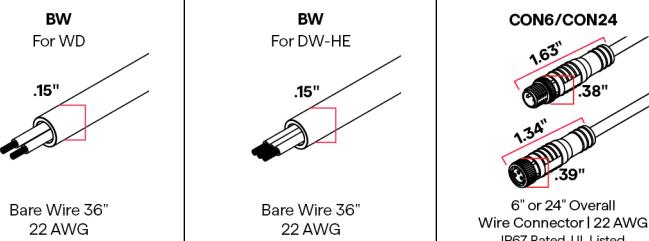


VERS-LOUVER (07) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

8 / 9 CONNECTOR/WIRE – IN/OUT

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



10 WIRE COLOR



White

Black

12 MOUNTING

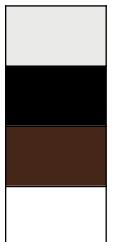
| | | | | |
|---|---|--|--|--|
| CC (CC-01) | MG | MMA-02 | TBC-03 | TBC-04 |
| Concealed Clip | Magnet Clip | Magnet Mount Accessory for MG-02 | Plastic T-Bar Clip | Plastic T-Bar Clip |
| 2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4' To order separately use CC-01 Each clip comes with a #4 x 5/8" Flat Head screw. | 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 Required when mounting to a non-magnetic surface | 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 TBC-03 Each pair of clips comes with M2.5 x 4mm set screw and Allen key | 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 |
| TBC-05 Plastic T-Bar Clip | | | | |
| Use 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-05 Each pair of clips comes with M2.5 x 4mm set screw and Allen key | | | | |



VERS-LOUVER (07) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

13 FINISH



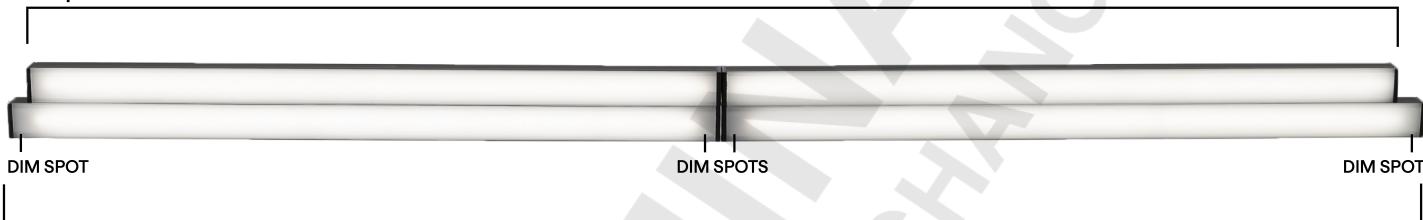
Satin
Black
Bronze
White

Custom color available

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

WD DRY, DMP 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 $\pm 0 - 1/8"$. 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 | |
|--------------------------|----------------|-------------------|----------------|-------------------|
| | S1 End Feed | S2 Bottom Feed | P1 End Feed | P2 Bottom Feed |
| 12" | 10.49" | | 10.74" | |
| 13" | 12.49" | | 12.74" | |
| 14" | 12.49" | | 12.74" | |
| 15" | 14.49" | | 14.74" | |
| 16" | 14.49" | | 14.74" | |
| 17" | 16.49" | | 16.74" | |
| 18" | 16.49" | | 16.74" | |
| 19" | 18.49" | | 18.74" | |
| 20" | 18.49" | | 18.74" | |
| 21" | 20.49" | | 20.74" | |
| 22" | 20.49" | | 20.74" | |
| 23" | 22.49" | | 22.74" | |
| 24" | 22.49" | | 22.74" | |
| 36" | 34.49" | | 34.74" | |
| 48" | 46.49" | | 46.74" | |
| 60" | 58.49" | | 58.74" | |
| 72" | 70.49" | | 70.74" | |
| 84" | 82.49" | | 82.74" | |
| 96" | 94.49" | | 94.74" | |



VERS-LOUVER (07) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

DW-HE DRY, DMP 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 | |
|--------------------------|----------------|-------------------|----------------|-------------------|
| | S1 End Feed | S2 Bottom Feed | P1 End Feed | P2 Bottom Feed |
| 12" | | 10.59" | | 10.94" |
| 13" | | 12.59" | | 12.94" |
| 14" | | 12.59" | | 12.94" |
| 15" | | 14.59" | | 14.94" |
| 16" | | 14.59" | | 14.94" |
| 17" | | 16.59" | | 16.94" |
| 18" | | 16.59" | | 16.94" |
| 19" | | 18.59" | | 18.94" |
| 20" | | 18.59" | | 18.94" |
| 21" | | 20.59" | | 20.94" |
| 22" | | 20.59" | | 20.94" |
| 23" | | 22.59" | | 22.94" |
| 24" | | 22.59" | | 22.94" |
| 36" | | 34.59" | | 34.94" |
| 48" | | 46.59" | | 46.94" |
| 60" | | 58.59" | | 58.94" |
| 72" | | 70.59" | | 70.94" |
| 84" | | 82.59" | | 82.94" |
| 96" | | 94.59" | | 94.94" |

COMPATIBLE POWER SUPPLIES

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

| DIM TO LEVEL | INDOOR | |
|--------------|--|--|
| | DW-HE Warm Dim Applications | WD |
| 0.1% | QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW | QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+0-10V QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZ-LP |
| 1% | QZ-DALI-DT8 | QTM-eLED(E) QZ-DALI-DT6 |
| 10% | Non-Dim Power Supply with WD App Dongle | Non-Dim Power Supply with SW App Dongle |



VERS-LOUVER (07) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

| DIMMING PROTOCOL | INDOOR | |
|--|---|---|
| | DW-HE Warm Dim Applications | WD |
| Phase | QZ-DW | QT-CAB-QZ-PH/0-10V QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP |
| 0-10V | QT-CAB-eLED+WD QT-CAB-eLED+WD-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW | QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QTM-eLED+0-10V QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP |
| Lutron Athena | QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+WD-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+WD-AWN | QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6-AWN |
| ECO System | | QTM-eLED(E) |
| DMX If using DW LED, wattage must be doubled | | QZ-DMX |
| DALI-2: DT6 If using DW LED, wattage must be doubled except for AWN | QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6 | QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6 |
| DALI-2: DT8 If using DW LED, wattage must be doubled except for AWN | QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8 | |
| SCENE App Dimmed | Non-Dim Power Supply with WD App Dongle | Non-Dim Power Supply with SW App Dongle |

COMPATIBLE MOUNTING ACCESSORIES

| | | | | | | | | | |
|----------------------|----------------------|-----------------------|----------------|----------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| HINGE - HMB-M | HINGE - HMB-L | HINGE - HMB-XL | Q-PIVOT | Q-ANGLE | NJ-LARGE | NU-LARGE | SD-J-LARGE | BL-LARGE | NL-LARGE |
| 1.41" .71" | 1.46" 1.29" | 1.46" 4" | 1.46" | .75" 1.03" | 1.38" 2.23" | | | | |

Adjustable mounting bracket - Medium

Adjustable mounting bracket - Large

Adjustable mounting bracket - XLarge

Small mounting accessory

Adjustable mounting accessory

J Mounting Bracket

U Mounting Bracket

J Mounting Bracket

Backwards L Mounting Bracket

L Mounting Bracket

SD-L-LARGE



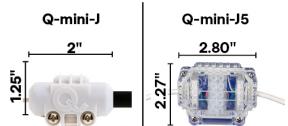
L Mounting Bracket



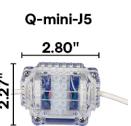
VERS-LOUVER (07) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE WIRING ACCESSORIES



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage

PRELIMINARY
SUBJECT TO CHANGE