



VERS-LOUVER (07) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed



- A VERSatile fixture with a black louver that is designed to mitigate diode imaging and glare
- 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
- Consult factory for field assembly options

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

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

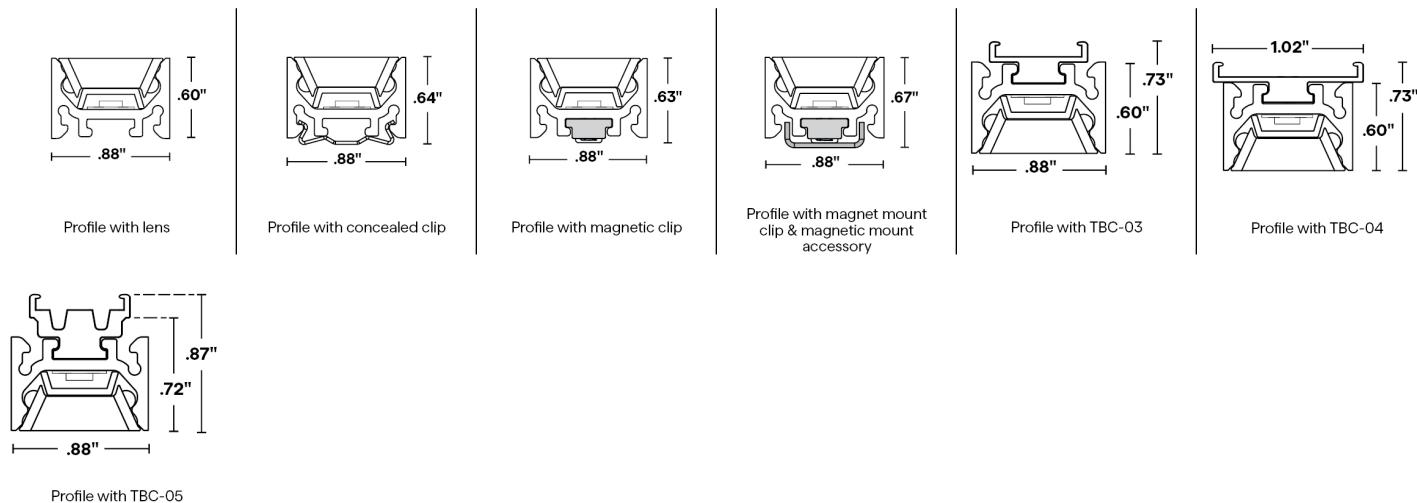
| | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| 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 1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE 1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE | 3 CCT 19/27 1900K/2700K 19/30 1900K/3000K 20/27 2000K/2700K 20/30 2000K/3000K 27/40 2700K/4000K 27/55 2700K/5500K 24/30 2400K/3000K 27/40 2700K/4000K | 4 RATED DRY IP20 DRY IP20 DMP IP54 | 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 |
| 7 WIRE INPUT/OUTPUT S1 Single 1 (Input only) - End Feed S2 Single 2 (Input only) - Bottom Feed P1 Pass Through 1 (Input/output) - End Feed P2 Pass Through 2 (Input/output) - Bottom Feed | 8 CONNECTOR/WIRE IN BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24" BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24" | 9 CONNECTOR/WIRE OUT CLS Closed End (No feed) BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24" | 10 WIRE COLOR 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) | 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 Custom finishes have longer lead times. Non-RAL 9003 whites 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. | |



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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

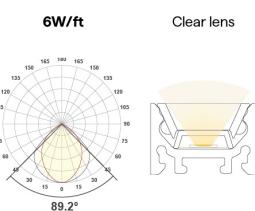


DF - Diffused lens

CL - Clear lens

PHOTOMETRIC PERFORMANCE

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





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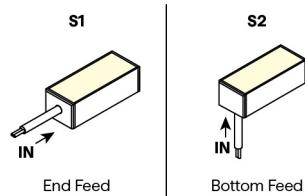
24VDC Linear Fixtures - Surface & Recessed

TEMPERATURE RATINGS

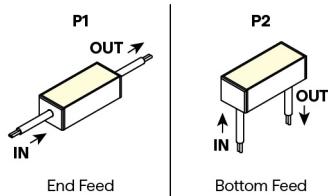
| | | WD 1.5 HE W/FT | | DW 3.0 HE W/FT | | DW 2.5 HE W/FT | | DW 5.0 HE W/FT | |
|-------------|----------------------------------|---------------------------------------|-------|------------------------------------|-------|---------------------------------------|-------|------------------------------------|-------|
| WD 6.0 W/FT | | QTL power supply other than DALI, DMX | | DALI, DMX, or non-QTL power supply | | QTL power supply other than DALI, DMX | | DALI, DMX, or non-QTL power supply | |
| | | 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 |
| DMP | Ambient Operating Temp - Surface | — | — | -4°F | 140°F | -4°F | 130°F | -4°F | 130°F |
| | | | | -4°F | 120°F | -4°F | 115°F | -4°F | 115°F |

7 WIRE INPUT/OUTPUT

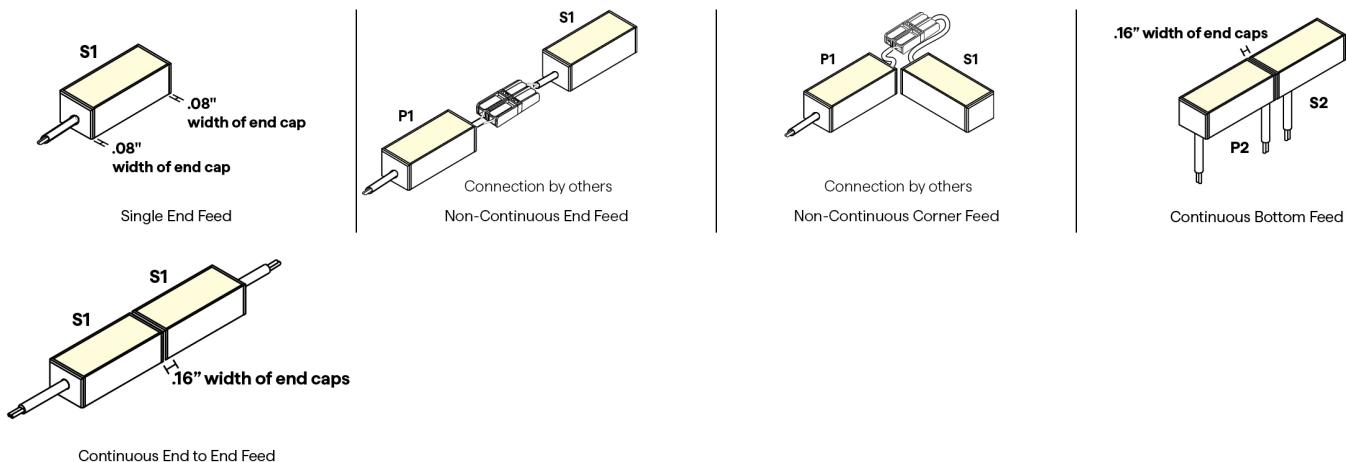
SINGLE (Input only)



PASS THROUGH (Input/Output)



CONFIGURATION OPTIONS



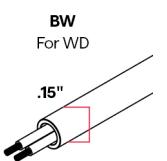


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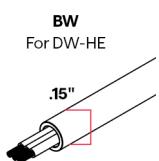
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8 / 9 CONNECTOR/WIRE – IN/OUT

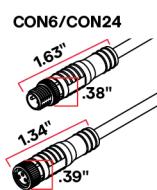
Connector/Wire In or Out not needed to specify product.



Bare Wire 36"
22 AWG



Bare Wire 36"
22 AWG



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

10 WIRE COLOR



White

Black

12 MOUNTING

CC
(CC-01)



Concealed 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 (sold
in pairs)

Each clip comes with a #4 x 5/8"
Flat Head screw.

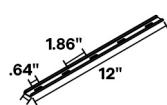
MG



Magnet Clip

One MG provided per foot
To order separately use MG-02

MMA-02

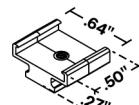


Magnet Mount
Accessory for MG-02

Sold separately, to order use
MMA-02
Each clip comes with a #6 Flat
Screw

Required when mounting to a non-
magnetic surface

TBC-03



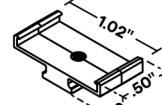
Plastic T-Bar Clip

Use on 9/16" Flat Drop Ceiling
2 clips provided for first 12"; 1 clip
provided for each additional 12" or
less length. 1T-Bar Mounting Jig
included with each fixture.

To order separately use TBC-03

Each pair of clips comes with M2.5 x
4mm set screw and Allen key

TBC-04



Plastic T-Bar Clip

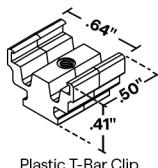
Use on 15/16" Flat or Regular Drop
Ceiling

2 clips provided for first 12"; 1 clip
provided for each additional 12" or
less length. 1T-Bar Mounting Jig
included with each fixture.

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" Regular Drop Ceiling

2 clips provided for first 12"; 1 clip
provided for each additional 12" or
less length. 1T-Bar Mounting Jig
included with each fixture.

To order separately use TBC-05

Each pair of clips comes with M2.5 x
4mm set screw and Allen key



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13 FINISH



Satin

Black

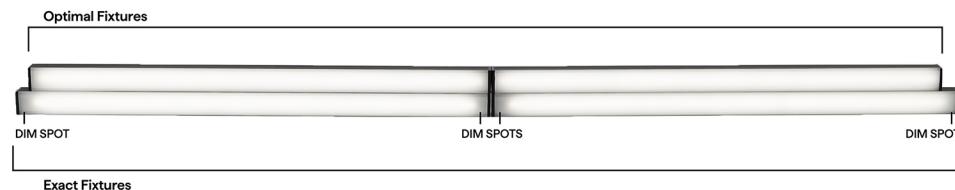
Bronze

White

Custom finishes require a longer lead time, consult factory

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.



WD DRY LENGTHS BY INCH

EXACT LENGTH

| Requested Length | Potential dim spot on either end of a S1 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

| Requested Nominal Length | S1 & S2 | | P1 & P2 | |
|--------------------------|---------|----|---------|----|
| | S1 | S2 | P1 | P2 |
| 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" | |



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DW-HE DRY DMP LENGTHS BY INCH

EXACT LENGTH

| Requested Length | Potential dim spot on either end of a S1 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

| 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-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+DALI-DT6 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-DT6-AWN QTM-eLED+0-10V QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP |
| 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 |



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| 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 1.41" .71" | HINGE - HMB-L 1.46" 1.29" | HINGE - HMB-XL 1.46" 4" | Q-PIVOT 7.5" 1.03" | Q-ANGLE 1.38" 2.23" | NJ-LARGE | NU-LARGE | SD-J-LARGE | BL-LARGE | NL-LARGE |
| 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 | MMA-02 1.86" .64" 12" .58" | Magnet Mount Accessory for MG-02 | | | | | | | |



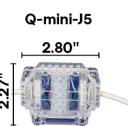
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COMPATIBLE WIRING ACCESSORIES



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