

|               |              |       |
|---------------|--------------|-------|
| Project Name: | Part Number: | Type: |
|---------------|--------------|-------|

# VAPOR TIGHT RETROFIT KIT



407-478-3759  
www.ilp-inc.com

## FEATURES

- Easy upgrade to LED with gear tray retrofit
- Installs in less than 5 mins.
- Ability to retrofit most any vapor tight housing
- Contact factory for custom configurations
- Reduce power consumption up to 50%
- 4ft & 8ft length durable aluminum kits
- Mounting clips provided
- Universal Voltage 120-277V
- 0-10V Dimmable Driver
- 3000K, 3500K, 4000K & 5000K
- 5 Year Warranty
- ETL Listed
- DesignLights Consortium® Standard Qualified Luminaire



## COMPATIBLE FIXTURES

- Columbia XEM & HEM Series
  - LSI EG3 Series
  - HE Williams 96 Series
  - Simkar ENZ Series
  - Texas Fluorescents CIT Series
  - Atlas IFW Series
  - LDPI 376 Series
  - Daybrite DW Series
  - LIGHTOLIER STW
- Contact factory for custom configurations

| LED INFO         |     | 18W        | 25W        | 28W        | 40W         | 48W         |     | 36W         | 50W         | 56W         | 80W         | 96W         |
|------------------|-----|------------|------------|------------|-------------|-------------|-----|-------------|-------------|-------------|-------------|-------------|
| Calculated L70   | 4FT | >100K      | >100K      | >100K      | >100K       | >100K       | 8FT | >100K       | >100K       | >100K       | >100K       | >100K       |
| Delivered Lumens |     | 2,670 lm   | 3,986 lm   | 4,502 lm   | 5,643 lm    | 6,676 lm    |     | 5,582 lm    | 7,865 lm    | 9,122 lm    | 11,433 lm   | 13,735 lm   |
| Watts            |     | 18 W       | 27 W       | 30 W       | 40 W        | 49 W        |     | 36 W        | 52 W        | 60 W        | 80 W        | 95 W        |
| Efficacy         |     | 149 lm/W   | 149 lm/W   | 150 lm/W   | 141 lm/W    | 138 lm/W    |     | 155 lm/W    | 151 lm/W    | 152 lm/W    | 142 lm/W    | 144 lm/W    |
| CCT              |     | 5000K      | 5000K      | 5000K      | 5000K       | 5000K       |     | 5000K       | 5000K       | 5000K       | 5000K       | 5000K       |
| CRI              |     | >80        | >80        | >80        | >80         | >80         |     | >80         | >80         | >80         | >80         | >80         |
| Ambient Range    |     | -4°F-115°F | -4°F-115°F | -4°F-115°F | -40°F-115°F | -40°F-110°F |     | -40°F-122°F | -40°F-115°F | -40°F-115°F | -40°F-115°F | -40°F-110°F |
| DLC Listing      |     | Standard   | Standard   | Standard   | Standard    | Standard    |     | Standard    | Standard    | Standard    | Standard    | Standard    |

LED System data based on VTR-18WLED-UNIV-50, VTR-25WLED-UNIV-50, VTR-28WLED-UNIV-50, VTR-40WLED-UNIV-50, VTR-48WLED-UNIV-50, VTR8-36WLED-UNIV-50, VTR8-50WLED-UNIV-50, VTR8-56WLED-UNIV-50, VTR8-80WLED-UNIV-50, & VTR8-96WLED-UNIV-50. LED Lumen maintenance estimates based on TM-21 projections for the light source at 25 °C ambient. These metrics were tested in Vapor Tight housing with a ribbed acrylic frosted lens.

## ORDERING GUIDE:

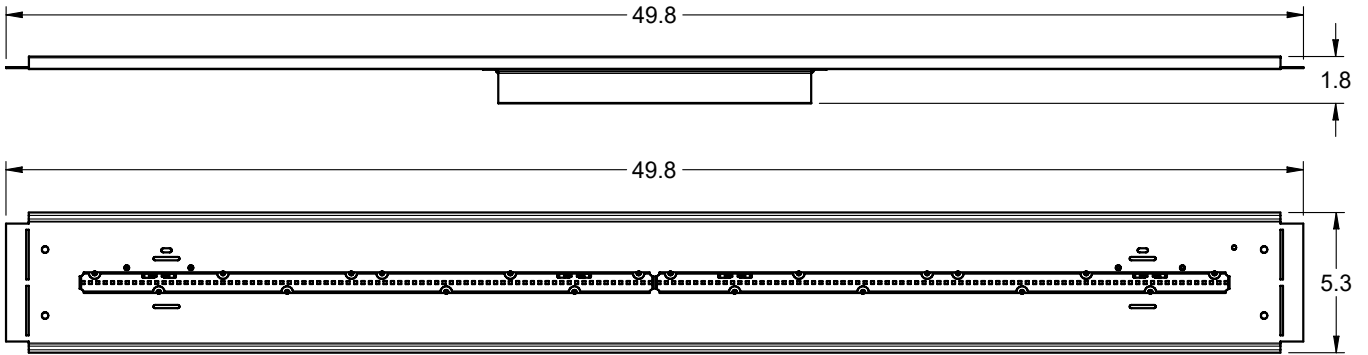
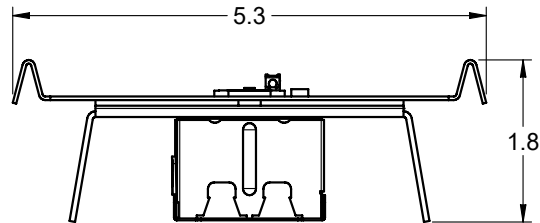
| Series                        | Watts  | Driver               | Color | Options |
|-------------------------------|--------|----------------------|-------|---------|
| VTR Vapor Tight Retrofit 4ft  | 18WLED | UNIV 120-277V Driver | 50    | WLOS    |
|                               | 25WLED |                      | 40    | USBD    |
|                               | 28WLED |                      | 35    | BDxx    |
|                               | 40WLED |                      | 30    | BDxxPC  |
|                               | 48WLED |                      |       | MWS     |
| VTR8 Vapor Tight Retrofit 8ft | 36WLED |                      |       | EM7     |
|                               | 50WLED |                      |       | EM10    |
|                               | 56WLED |                      |       | EM12    |
|                               | 80WLED |                      |       | SD480*  |
|                               | 96WLED |                      |       | SD347*  |

\*Not DLC listed

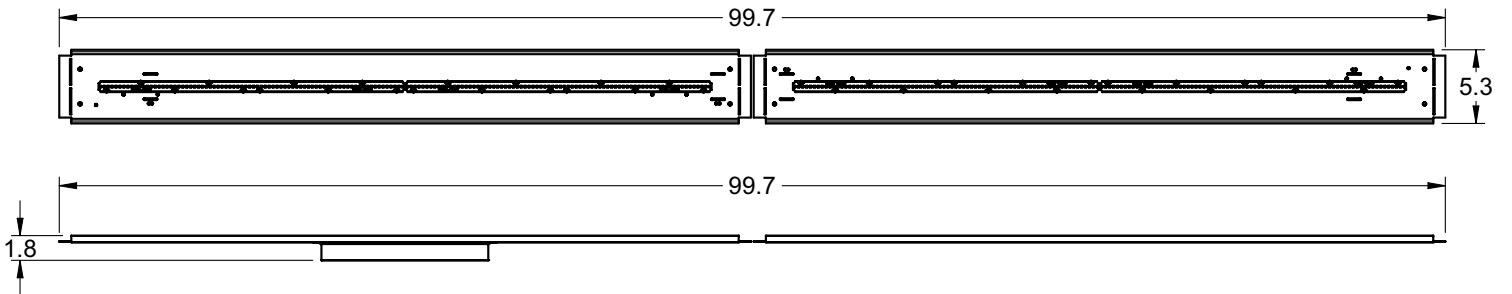
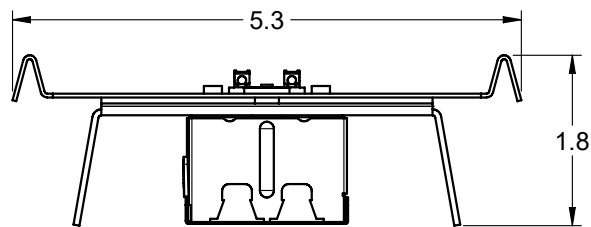
# VAPOR TIGHT RETROFIT KIT

## LINE DRAWINGS

VTR



VTR8



# VAPOR TIGHT RETROFIT KIT

## PHOTOMETRIC REPORTS

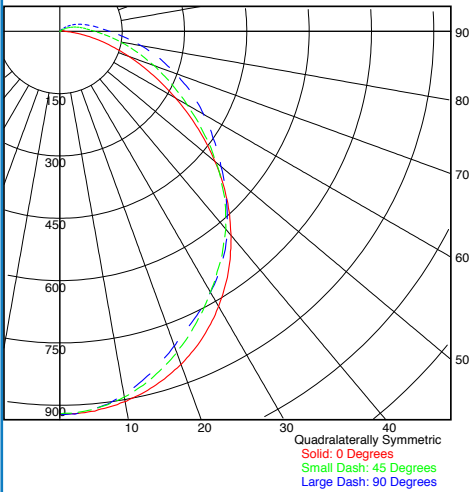
Photometric values based upon tests performed in compliance w/ LM-79. Download IES files at [www.ilp-inc.com](http://www.ilp-inc.com)

### VTR-18WLED-UNIV-50

#### SUMMARY DATA

|                              |         |
|------------------------------|---------|
| EFFICIENCY (Downlight):      | 95.2%   |
| EFFICIENCY (Uplight):        | 4.8 %   |
| CIE CLASSIFICATION:          | DIRECT  |
| SPACING CRITERION (0-Deg.):  | 1.23    |
| SPACING CRITERION (90-Deg.): | 1.18    |
| LUMENS:                      | 2670.65 |
| INPUT WATTS:                 | 17.98   |

#### CANDELA PLOT

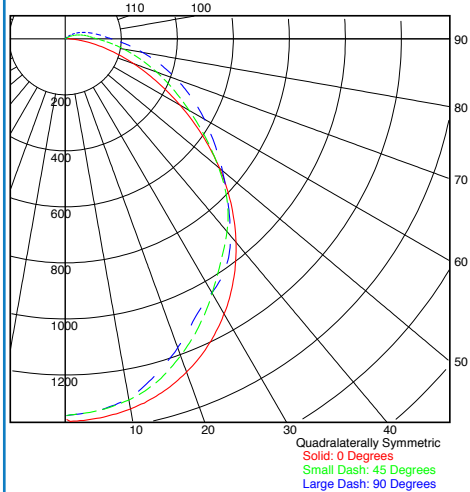


### VTR-25WLED-UNIV-50

#### SUMMARY DATA

|                              |         |
|------------------------------|---------|
| EFFICIENCY (Downlight):      | 95.6%   |
| EFFICIENCY (Uplight):        | 4.4 %   |
| CIE CLASSIFICATION:          | DIRECT  |
| SPACING CRITERION (0-Deg.):  | 1.25    |
| SPACING CRITERION (90-Deg.): | 1.16    |
| LUMENS:                      | 3863.57 |
| INPUT WATTS:                 | 26.74   |

#### CANDELA PLOT

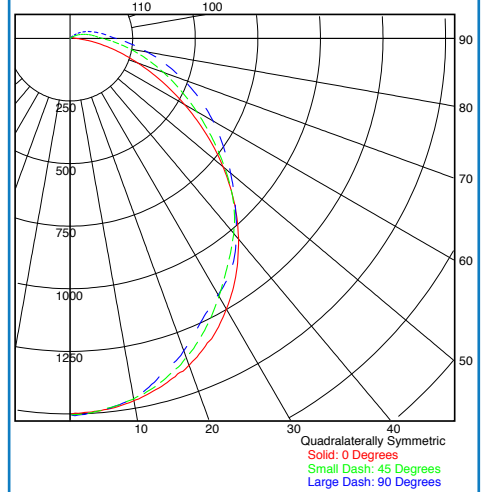


### VTR-28WLED-UNIV-50

#### SUMMARY DATA

|                              |         |
|------------------------------|---------|
| EFFICIENCY (Downlight):      | 95.3%   |
| EFFICIENCY (Uplight):        | 4.7 %   |
| CIE CLASSIFICATION:          | DIRECT  |
| SPACING CRITERION (0-Deg.):  | 1.23    |
| SPACING CRITERION (90-Deg.): | 1.18    |
| LUMENS:                      | 4363.70 |
| INPUT WATTS:                 | 29.97   |

#### CANDELA PLOT

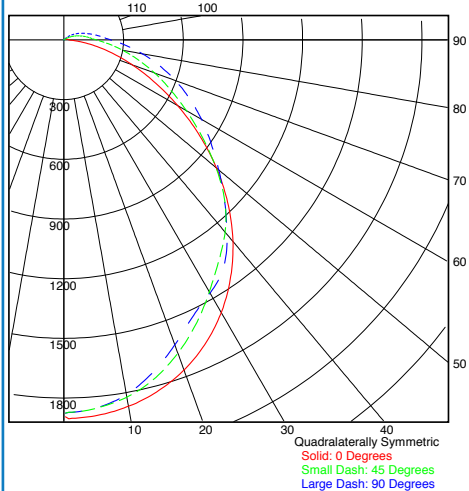


### VTR-40WLED-UNIV-50

#### SUMMARY DATA

|                              |         |
|------------------------------|---------|
| EFFICIENCY (Downlight):      | 95.2%   |
| EFFICIENCY (Uplight):        | 4.8 %   |
| CIE CLASSIFICATION:          | DIRECT  |
| SPACING CRITERION (0-Deg.):  | 1.25    |
| SPACING CRITERION (90-Deg.): | 1.17    |
| LUMENS:                      | 5420.44 |
| INPUT WATTS:                 | 39.80   |

#### CANDELA PLOT

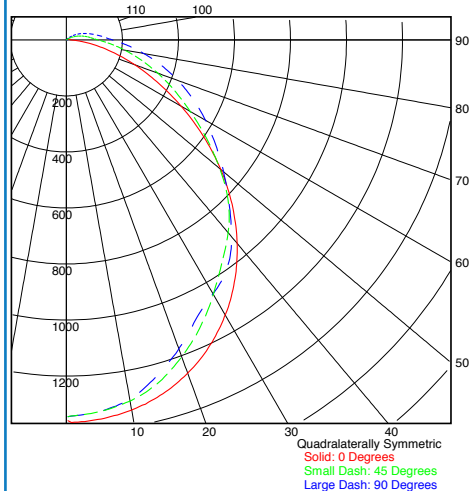


### VTR-48WLED-UNIV-50

#### SUMMARY DATA

|                              |         |
|------------------------------|---------|
| EFFICIENCY (Downlight):      | 95.3%   |
| EFFICIENCY (Uplight):        | 4.7 %   |
| CIE CLASSIFICATION:          | DIRECT  |
| SPACING CRITERION (0-Deg.):  | 1.25    |
| SPACING CRITERION (90-Deg.): | 1.17    |
| LUMENS:                      | 6466.70 |
| INPUT WATTS:                 | 48.44   |

#### CANDELA PLOT



# VAPOR TIGHT RETROFIT KIT

## PHOTOMETRIC REPORTS

Photometric values based upon tests performed in compliance w/ LM-79. Download IES files at [www.ilp-inc.com](http://www.ilp-inc.com)

