

WTZ



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

NARROW LINEAR VAPOR TIGHT

FEATURES

- Robust & Durable Narrow Body Linear Vapor Tight
- Industry Leading Max Ambient up to 131F
 - Ambient Range -40°F to 131°F (Select Models)
- Extremely High Efficacy up to 156 lm/W
- 2ft, 4ft & 8ft Fixture Lengths
- Lumen Packages Ranging 2,000–24,000
- Surface, Pendant, Wall & Suspended Mounting Options
- Wireless Grouping Controls Options
- Multiple Lens Options
- Fiberglass Body Attributes:
 - F1 Weatherability Rating & 5VA Flame Rating
 - IP65, IP66 & IP67, NEMA4X, NSF, & 1500 PSI Hosedown
- 3000K–5000K CCT
- >80 Color Rendering Index (CRI)
- Calculated L70 >100,000 Hours
- 0-10V Dimmable Driver (100%–10%)
- 5 Year Warranty
- ETL Listed for Wet Location
- DesignLights Consortium® Premium Qualified Luminaire



SUITABLE APPLICATIONS

- Coolers & Freezers • Food & Beverage Preparation • Greenhouse • Pharmaceutical • Healthcare • Education • Industrial • Parking Garage • Natatorium ²¹

ORDERING GUIDE:

| SERIES | LUMENS (select one) | | | | DRIVER | CCT | LENS | | AMBIENT TEMP ¹ | |
|-----------------|---------------------|-----|-----|-----|------------|-----|------|------------------------------|---------------------------|------------------|
| WTZ2 2ft Amazon | 2L | 3L | 4L | 6L | U 120-277V | 50 | RAFL | Ribbed Acrylic Frosted (Std) | BLANK | Standard |
| | | | | | | 40 | SAFL | Smooth Acrylic Frosted | CT | -40°F Cold Start |
| WTZ4 4ft Amazon | 3L | 4L | 5L | 6L | | 35 | SACL | Smooth Acrylic Clear | | |
| | 7L | 8L | 9L | 10L | | 30 | SPFL | Smooth Polycarbonate Frosted | | |
| | 12L | | | | | | SPCL | Smooth Polycarbonate Clear | | |
| WTZ8 8ft Amazon | 6L | 8L | 10L | 12L | | | | | | |
| | 14L | 16L | 18L | 24L | | | | | | |

| OPTIONS | CONTROLS OPTIONS |
|---|---|
| Factory Installed | Basic |
| SD347 ^{18,20} 347V Step Down Transformer | WLOS ^{4,6} Wet-Location Rated On/Off End Mounted Occupancy Sensor |
| SD480 ^{18,20} 480V Step Down Transformer | WLOSPC ^{4,6} Wet-Location Rated On/Off End Mounted Occ Sensor w/ Photocell |
| DIM1 1% Dimming Driver | USBD ^{4,6} User Selectable Bi-Level Dimming End Mounted Sensor |
| SS Stainless Steel Latches | BDxx ^{4,6} Preset Bi-Level Dimming End Mounted Sensor |
| TPS Tamper Proof Screws | BDxxPC ^{4,6} Preset Bi-Level Dimming End Mounted Sensor w/ Photocell |
| EM5 ⁷ Factory Installed 5W LED Battery Backup | MWS ^{3,4,5,8} On/Off Microwave Sensor Installed Behind Lens |
| EM5/HE ^{7,10} Factory Installed 5W LED Battery Backup | MWUSB ^{3,4,5,8,12} User Selectable Bi-Level Dimming Microwave Sensor Installed Behind Lens |
| EM7 ⁷ 7W Factory Installed Battery Backup | |
| EM7/HE ^{7,10} 7W Factory Installed Battery Backup | |
| EM10 ⁷ 10W Factory Installed Battery Backup | |
| EM10/HE ^{7,10} 10W Factory Installed Battery Backup | |
| EM10/HE-SD ^{7,10} 10W Factory Installed Self-Diagnosing Battery Backup | |
| EM12 ⁷ 12W Factory Installed Battery Backup | |
| GTD ⁸ Factory Installed Generator Transfer Device | |
| LEDBBCT ⁸ Factory Installed 14W Cold Temp Battery Backup | |
| SP10 10kA Surge Protector Installed | |
| CORD/xFT 3-wire cord standard fixtures 120-277V (xFT = Length) | |
| CORD/xFT/4WIRE 4-wire cord used for EM fixtures 120-277V (xFT = Length) | |
| CORD/xFT/5WIRE 5-wire cord used for non-EM fixtures with external dim control 120-277V (xFT = Length) | |
| CORD/xFT/6WIRE 6-wire cord used for EM fixtures with external dim control 120-277V (xFT = Length) | |
| 3WMR ⁴ 3-wire mini receptacle installed | |
| 3WMR/6 ⁴ 3-wire mini receptacle installed with 6ft cord | |
| EMH1 ¹³ 1/2" HUB installed in one end of housing for power entry | |
| EMH2 ¹⁴ 1/2" HUB installed in both ends of housing for power entry | |
| Mounting Options | Advanced |
| HB-xxx-LOOP Aircraft cables (xx= inches) | ES/HB ^{3,4,11} EasySense High-Bay Sensor |
| HUB 1/2 ^{15,19} Conduit Hub 1/2" for Top Power Entry | 5S/HRW/IL ^{3,4} Enlighted Ruggedized Individual Lighting (IL) Sensor w/ Control Unit |
| HUB 3/4 ^{15,17} Conduit Hub 3/4" for Pendant Mounting | 5S/HRW/CL ^{3,4} Enlighted Ruggedized Connected Lighting (CL) Sensor w/ Control Unit |
| FMB ^{16,17} Fixture Mounting Box for Pendant Mounting | 5S/HRW/IOT ^{3,4} Enlighted Ruggedized Internet of Things (IOT) Sensor w/ Control Unit |
| AB45DEG/SS 45 Degree Stainless Steel Angled Mounting Bracket Set | FSP-311B/L2 ^{4,6} Legrand FSP-311 Bluetooth Programming sensor-8' mounting height |
| | FSP-311B/L3 ^{4,6} Legrand FSP-311 Bluetooth Programming sensor-20' mounting height |
| | FSP-311B/L7 ^{4,6} Legrand FSP-311 Bluetooth Programming sensor-40' mounting height |
| | Ship With Accessories |
| | ES/PCD ² EasySense Pre-Programmed Control Device |
| | ES/IR ^{2,9} EasySense Commissioning IR Blaster |
| | ES/WWS/DR EasySense Dual Rocker Wireless Wall Switch |
| | MW/RC ² Programming Tool for MWUSB sensor |

¹Reference Ambient Temperature Range Table for more detail (pg. 4) ⁷Operating temp down to 32°F ¹⁸Reference DLC website for current listing
²One needed per project ⁸Operating temp down to -4°F ¹⁹Not available on WTZ2
³IP65 Rated ⁹Must be used with ES/PCD ²⁰Not compatible with EM options
⁴IP66 Rated ¹⁰CEC Title 20 Compliant ²¹When used with PC Lens and SS Latches
⁵IP67 Rated ¹¹Must be used w/ ES/PCD & ES/IR for commissioning ²²One required per 4ft section
⁶Does not qualify for NSF Listed ¹²Must be used with MW/RC option for commissioning



QUICK SHIP ITEMS:

| SERIES | LUMENS/WATTAGE | DRIVER | COLOR | PRIMARY LENS |
|-----------------|----------------|------------|-------|-----------------------------|
| WTZ4 4ft Amazon | 4L | U 120-277V | 50 | RAFL Ribbed Acrylic Frosted |
| | 7L | | 40 | |
| WTZ8 8ft Amazon | 12L | U 120-277V | 50 | RAFL Ribbed Acrylic Frosted |
| | | | 40 | |

NARROW LINEAR VAPOR TIGHT

| SYSTEMS INFO ¹ | 3000K | | 3500K | | 4000K | | 5000K | | Watts ² | CRI | Replaces |
|---------------------------|--------------|----------|----------|----------|----------|----------|----------|----------|--------------------|-----|----------|
| | Part Numbers | Lumens | Efficacy | Lumens | Efficacy | Lumens | Efficacy | Lumens | | | |
| WTZ2-2L-U-XX-RAFL | 2,355 lm | 125 lm/W | 2,431 lm | 129 lm/W | 2,532 lm | 135 lm/W | 2,532 lm | 135 lm/W | 19W | >80 | 1T8 |
| WTZ2-2L-U-XX-SAFL | 2,316 lm | 123 lm/W | 2,391 lm | 127 lm/W | 2,490 lm | 132 lm/W | 2,490 lm | 132 lm/W | | | |
| WTZ2-2L-U-XX-SACL | 2,511 lm | 133 lm/W | 2,592 lm | 138 lm/W | 2,700 lm | 143 lm/W | 2,700 lm | 143 lm/W | | | |
| WTZ2-2L-U-XX-SPFL | 2,143 lm | 114 lm/W | 2,583 lm | 137 lm/W | 2,305 lm | 122 lm/W | 2,305 lm | 122 lm/W | | | |
| WTZ2-2L-U-XX-SPCL | 2,502 lm | 133 lm/W | 2,583 lm | 137 lm/W | 2,691 lm | 143 lm/W | 2,691 lm | 143 lm/W | | | |
| WTZ2-3L-U-XX-RAFL | 3,053 lm | 124 lm/W | 3,152 lm | 128 lm/W | 3,283 lm | 133 lm/W | 3,283 lm | 133 lm/W | 25W | >80 | 1T8 |
| WTZ2-3L-U-XX-SAFL | 3,003 lm | 122 lm/W | 3,100 lm | 126 lm/W | 3,229 lm | 131 lm/W | 3,229 lm | 131 lm/W | | | |
| WTZ2-3L-U-XX-SACL | 3,256 lm | 132 lm/W | 3,361 lm | 136 lm/W | 3,501 lm | 142 lm/W | 3,501 lm | 142 lm/W | | | |
| WTZ2-3L-U-XX-SPFL | 2,779 lm | 113 lm/W | 2,869 lm | 116 lm/W | 2,988 lm | 121 lm/W | 2,988 lm | 121 lm/W | | | |
| WTZ2-3L-U-XX-SPCL | 3,244 lm | 131 lm/W | 3,349 lm | 136 lm/W | 3,489 lm | 141 lm/W | 3,489 lm | 141 lm/W | | | |
| WTZ2-4L-U-XX-RAFL | 3,877 lm | 122 lm/W | 4,002 lm | 126 lm/W | 4,169 lm | 132 lm/W | 4,169 lm | 132 lm/W | 32W | >80 | 2T8 |
| WTZ2-4L-U-XX-SAFL | 3,814 lm | 120 lm/W | 3,937 lm | 124 lm/W | 4,101 lm | 129 lm/W | 4,101 lm | 129 lm/W | | | |
| WTZ2-4L-U-XX-SACL | 4,039 lm | 131 lm/W | 4,268 lm | 135 lm/W | 4,445 lm | 140 lm/W | 4,445 lm | 140 lm/W | | | |
| WTZ2-4L-U-XX-SPFL | 3,529 lm | 111 lm/W | 3,643 lm | 115 lm/W | 3,795 lm | 120 lm/W | 3,795 lm | 120 lm/W | | | |
| WTZ2-4L-U-XX-SPCL | 4,025 lm | 130 lm/W | 4,253 lm | 134 lm/W | 4,430 lm | 140 lm/W | 4,430 lm | 140 lm/W | | | |
| WTZ2-6L-U-XX-RAFL | 4,968 lm | 124 lm/W | 5,128 lm | 128 lm/W | 5,342 lm | 134 lm/W | 5,342 lm | 134 lm/W | 40W | >80 | 3T8 |
| WTZ2-6L-U-XX-SAFL | 4,887 lm | 122 lm/W | 5,044 lm | 126 lm/W | 5,254 lm | 131 lm/W | 5,254 lm | 131 lm/W | | | |
| WTZ2-6L-U-XX-SACL | 5,297 lm | 133 lm/W | 5,468 lm | 137 lm/W | 5,696 lm | 142 lm/W | 5,696 lm | 142 lm/W | | | |
| WTZ2-6L-U-XX-SPFL | 4,522 lm | 113 lm/W | 4,668 lm | 117 lm/W | 4,862 lm | 122 lm/W | 4,862 lm | 122 lm/W | | | |
| WTZ2-6L-U-XX-SPCL | 5,279 lm | 132 lm/W | 5,449 lm | 136 lm/W | 5,676 lm | 142 lm/W | 5,676 lm | 142 lm/W | | | |
| WTZ4-3L-U-XX-RAFL | 2,822 lm | 134 lm/W | 2,913 lm | 138 lm/W | 3,034 lm | 144 lm/W | 3,034 lm | 144 lm/W | 21W | >80 | 1T8 |
| WTZ4-3L-U-XX-SAFL | 2,775 lm | 132 lm/W | 2,865 lm | 136 lm/W | 2,984 lm | 142 lm/W | 2,984 lm | 142 lm/W | | | |
| WTZ4-3L-U-XX-SACL | 3,009 lm | 143 lm/W | 3,106 lm | 148 lm/W | 3,235 lm | 154 lm/W | 3,235 lm | 154 lm/W | | | |
| WTZ4-3L-U-XX-SPFL | 2,568 lm | 122 lm/W | 2,651 lm | 126 lm/W | 2,762 lm | 131 lm/W | 2,762 lm | 131 lm/W | | | |
| WTZ4-3L-U-XX-SPCL | 2,998 lm | 142 lm/W | 3,095 lm | 147 lm/W | 3,224 lm | 153 lm/W | 3,224 lm | 153 lm/W | | | |
| WTZ4-4L-U-XX-RAFL | 3,789 lm | 132 lm/W | 3,911 lm | 137 lm/W | 4,074 lm | 142 lm/W | 4,074 lm | 142 lm/W | 29W | >80 | 2T8 |
| WTZ4-4L-U-XX-SAFL | 3,727 lm | 130 lm/W | 3,847 lm | 134 lm/W | 4,007 lm | 140 lm/W | 4,007 lm | 140 lm/W | | | |
| WTZ4-4L-U-XX-SACL | 4,040 lm | 141 lm/W | 4,170 lm | 146 lm/W | 4,344 lm | 152 lm/W | 4,344 lm | 152 lm/W | | | |
| WTZ4-4L-U-XX-SPFL | 3,449 lm | 120 lm/W | 3,560 lm | 124 lm/W | 3,708 lm | 129 lm/W | 3,708 lm | 129 lm/W | | | |
| WTZ4-4L-U-XX-SPCL | 4,026 lm | 141 lm/W | 4,156 lm | 145 lm/W | 4,329 lm | 151 lm/W | 4,329 lm | 151 lm/W | | | |
| WTZ4-5L-U-XX-RAFL | 4,818 lm | 127 lm/W | 4,993 lm | 132 lm/W | 5,201 lm | 137 lm/W | 5,201 lm | 137 lm/W | 38W | >80 | 1T5HO |
| WTZ4-5L-U-XX-SAFL | 4,758 lm | 125 lm/W | 4,911 lm | 129 lm/W | 5,116 lm | 135 lm/W | 5,116 lm | 135 lm/W | | | |
| WTZ4-5L-U-XX-SACL | 5,158 lm | 136 lm/W | 5,324 lm | 140 lm/W | 5,546 lm | 146 lm/W | 5,546 lm | 146 lm/W | | | |
| WTZ4-5L-U-XX-SPFL | 4,403 lm | 116 lm/W | 4,545 lm | 120 lm/W | 4,734 lm | 125 lm/W | 4,734 lm | 125 lm/W | | | |
| WTZ4-5L-U-XX-SPCL | 5,140 lm | 135 lm/W | 5,306 lm | 140 lm/W | 5,527 lm | 146 lm/W | 5,527 lm | 146 lm/W | | | |
| WTZ4-6L-U-XX-RAFL | 6,050 lm | 128 lm/W | 6,245 lm | 132 lm/W | 6,505 lm | 137 lm/W | 6,505 lm | 137 lm/W | 47W | >80 | 3T8 |
| WTZ4-6L-U-XX-SAFL | 5,950 lm | 126 lm/W | 6,142 lm | 130 lm/W | 6,398 lm | 135 lm/W | 6,398 lm | 135 lm/W | | | |
| WTZ4-6L-U-XX-SACL | 6,451 lm | 136 lm/W | 6,659 lm | 141 lm/W | 6,936 lm | 146 lm/W | 6,936 lm | 146 lm/W | | | |
| WTZ4-6L-U-XX-SPFL | 5,506 lm | 116 lm/W | 5,684 lm | 120 lm/W | 5,921 lm | 125 lm/W | 5,921 lm | 125 lm/W | | | |
| WTZ4-6L-U-XX-SPCL | 6,428 lm | 136 lm/W | 6,636 lm | 140 lm/W | 6,912 lm | 146 lm/W | 6,912 lm | 146 lm/W | | | |
| WTZ4-7L-U-XX-RAFL | 7,021 lm | 127 lm/W | 7,247 lm | 131 lm/W | 7,549 lm | 137 lm/W | 7,549 lm | 137 lm/W | 55W | >80 | 3T8 |
| WTZ4-7L-U-XX-SAFL | 6,905 lm | 125 lm/W | 7,128 lm | 129 lm/W | 7,425 lm | 134 lm/W | 7,425 lm | 134 lm/W | | | |
| WTZ4-7L-U-XX-SACL | 7,486 lm | 135 lm/W | 7,728 lm | 140 lm/W | 8,050 lm | 146 lm/W | 8,050 lm | 146 lm/W | | | |
| WTZ4-7L-U-XX-SPFL | 6,390 lm | 116 lm/W | 6,596 lm | 119 lm/W | 6,871 lm | 124 lm/W | 6,871 lm | 124 lm/W | | | |
| WTZ4-7L-U-XX-SPCL | 7,460 lm | 135 lm/W | 7,701 lm | 139 lm/W | 8,022 lm | 145 lm/W | 8,022 lm | 145 lm/W | | | |
| WTZ4-8L-U-XX-RAFL | 8,061 lm | 132 lm/W | 8,321 lm | 136 lm/W | 8,668 lm | 142 lm/W | 8,668 lm | 142 lm/W | 61W | >80 | 2T5HO |
| WTZ4-8L-U-XX-SAFL | 7,929 lm | 129 lm/W | 8,185 lm | 134 lm/W | 8,526 lm | 139 lm/W | 8,526 lm | 139 lm/W | | | |
| WTZ4-8L-U-XX-SACL | 8,596 lm | 140 lm/W | 8,873 lm | 145 lm/W | 9,243 lm | 151 lm/W | 9,243 lm | 151 lm/W | | | |
| WTZ4-8L-U-XX-SPFL | 7,337 lm | 120 lm/W | 7,574 lm | 124 lm/W | 7,890 lm | 129 lm/W | 7,890 lm | 129 lm/W | | | |
| WTZ4-8L-U-XX-SPCL | 8,566 lm | 140 lm/W | 8,842 lm | 144 lm/W | 9,211 lm | 150 lm/W | 9,211 lm | 150 lm/W | | | |

NARROW LINEAR VAPOR TIGHT

| SYSTEMS INFO ¹ | 3000K | | 3500K | | 4000K | | 5000K | | Watts ² | CRI | Replaces |
|---------------------------|--------------|----------|-----------|----------|-----------|----------|-----------|----------|--------------------|-----|----------|
| | Part Numbers | Lumens | Efficacy | Lumens | Efficacy | Lumens | Efficacy | Lumens | | | |
| WTZ4-9L-U-XX-RAFL | 8,703 lm | 133 lm/W | 8,984 lm | 137 lm/W | 9,358 lm | 143 lm/W | 9,358 lm | 143 lm/W | 66W | >80 | 2T5HO |
| WTZ4-9L-U-XX-SAFL | 8,560 lm | 131 lm/W | 8,836 lm | 135 lm/W | 9,205 lm | 141 lm/W | 9,205 lm | 141 lm/W | | | |
| WTZ4-9L-U-XX-SACL | 9,280 lm | 142 lm/W | 9,579 lm | 146 lm/W | 9,978 lm | 152 lm/W | 9,978 lm | 152 lm/W | | | |
| WTZ4-9L-U-XX-SPFL | 7,921 lm | 121 lm/W | 8,177 lm | 125 lm/W | 8,518 lm | 130 lm/W | 8,518 lm | 130 lm/W | | | |
| WTZ4-9L-U-XX-SPCL | 9,248 lm | 141 lm/W | 9,546 lm | 146 lm/W | 9,944 lm | 152 lm/W | 9,944 lm | 152 lm/W | | | |
| WTZ4-10L-U-XX-RAFL | 9,528 lm | 131 lm/W | 9,835 lm | 136 lm/W | 10,245 lm | 141 lm/W | 10,245 lm | 141 lm/W | 73W | >80 | 4T8 |
| WTZ4-10L-U-XX-SAFL | 9,372 lm | 129 lm/W | 9,674 lm | 133 lm/W | 10,077 lm | 139 lm/W | 10,077 lm | 139 lm/W | | | |
| WTZ4-10L-U-XX-SACL | 10,160 lm | 140 lm/W | 10,487 lm | 145 lm/W | 10,924 lm | 151 lm/W | 10,924 lm | 151 lm/W | | | |
| WTZ4-10L-U-XX-SPFL | 8,672 lm | 120 lm/W | 8,952 lm | 124 lm/W | 9,325 lm | 129 lm/W | 9,325 lm | 129 lm/W | | | |
| WTZ4-10L-U-XX-SPCL | 10,124 lm | 140 lm/W | 10,451 lm | 144 lm/W | 10,886 lm | 150 lm/W | 10,886 lm | 150 lm/W | | | |
| WTZ4-12L-U-XX-RAFL | 12,099 lm | 130 lm/W | 12,490 lm | 134 lm/W | 13,010 lm | 139 lm/W | 13,010 lm | 139 lm/W | 93W | >80 | 3T5HO |
| WTZ4-12L-U-XX-SAFL | 11,901 lm | 128 lm/W | 12,285 lm | 132 lm/W | 12,797 lm | 137 lm/W | 12,797 lm | 137 lm/W | | | |
| WTZ4-12L-U-XX-SACL | 12,902 lm | 138 lm/W | 13,318 lm | 143 lm/W | 13,873 lm | 149 lm/W | 13,873 lm | 149 lm/W | | | |
| WTZ4-12L-U-XX-SPFL | 11,013 lm | 118 lm/W | 11,368 lm | 122 lm/W | 11,842 lm | 127 lm/W | 11,842 lm | 127 lm/W | | | |
| WTZ4-12L-U-XX-SPCL | 12,857 lm | 138 lm/W | 13,271 lm | 142 lm/W | 13,824 lm | 148 lm/W | 13,824 lm | 148 lm/W | | | |
| WTZ8-6L-U-XX-RAFL | 6,314 lm | 136 lm/W | 6,517 lm | 140 lm/W | 6,789 lm | 146 lm/W | 6,789 lm | 146 lm/W | 47W | >80 | 2T8 |
| WTZ8-6L-U-XX-SAFL | 6,210 lm | 134 lm/W | 6,411 lm | 138 lm/W | 6,678 lm | 144 lm/W | 6,678 lm | 144 lm/W | | | |
| WTZ8-6L-U-XX-SACL | 6,732 lm | 145 lm/W | 6,950 lm | 150 lm/W | 7,239 lm | 156 lm/W | 7,239 lm | 156 lm/W | | | |
| WTZ8-6L-U-XX-SPFL | 5,747 lm | 124 lm/W | 5,932 lm | 128 lm/W | 6,179 lm | 133 lm/W | 6,179 lm | 133 lm/W | | | |
| WTZ8-6L-U-XX-SPCL | 6,709 lm | 144 lm/W | 6,925 lm | 149 lm/W | 7,214 lm | 155 lm/W | 7,214 lm | 155 lm/W | | | |
| WTZ8-8L-U-XX-RAFL | 8,307 lm | 132 lm/W | 8,575 lm | 137 lm/W | 8,932 lm | 142 lm/W | 8,932 lm | 142 lm/W | 63W | >80 | 2T8 |
| WTZ8-8L-U-XX-SAFL | 8,171 lm | 130 lm/W | 8,434 lm | 134 lm/W | 8,786 lm | 140 lm/W | 8,786 lm | 140 lm/W | | | |
| WTZ8-8L-U-XX-SACL | 8,858 lm | 141 lm/W | 9,143 lm | 146 lm/W | 9,524 lm | 152 lm/W | 9,524 lm | 152 lm/W | | | |
| WTZ8-8L-U-XX-SPFL | 7,561 lm | 120 lm/W | 7,805 lm | 124 lm/W | 8,130 lm | 130 lm/W | 8,130 lm | 130 lm/W | | | |
| WTZ8-8L-U-XX-SPCL | 8,827 lm | 141 lm/W | 9,112 lm | 145 lm/W | 9,491 lm | 151 lm/W | 9,491 lm | 151 lm/W | | | |
| WTZ8-10L-U-XX-RAFL | 9,802 lm | 129 lm/W | 10,118 lm | 133 lm/W | 10,540 lm | 138 lm/W | 10,540 lm | 138 lm/W | 76W | >80 | 3T5HO |
| WTZ8-10L-U-XX-SAFL | 9,641 lm | 127 lm/W | 9,952 lm | 131 lm/W | 10,367 lm | 136 lm/W | 10,367 lm | 136 lm/W | | | |
| WTZ8-10L-U-XX-SACL | 10,452 lm | 137 lm/W | 10,789 lm | 142 lm/W | 11,239 lm | 147 lm/W | 11,239 lm | 147 lm/W | | | |
| WTZ8-10L-U-XX-SPFL | 8,922 lm | 117 lm/W | 9,210 lm | 121 lm/W | 9,594 lm | 126 lm/W | 9,594 lm | 126 lm/W | | | |
| WTZ8-10L-U-XX-SPCL | 10,416 lm | 137 lm/W | 10,752 lm | 141 lm/W | 11,200 lm | 147 lm/W | 11,200 lm | 147 lm/W | | | |
| WTZ8-12L-U-XX-RAFL | 10,968 lm | 135 lm/W | 11,321 lm | 139 lm/W | 11,793 lm | 145 lm/W | 11,793 lm | 145 lm/W | 81W | >80 | 6T8 |
| WTZ8-12L-U-XX-SAFL | 10,788 lm | 133 lm/W | 11,136 lm | 137 lm/W | 11,600 lm | 143 lm/W | 11,600 lm | 143 lm/W | | | |
| WTZ8-12L-U-XX-SACL | 11,695 lm | 144 lm/W | 12,072 lm | 148 lm/W | 12,575 lm | 155 lm/W | 12,575 lm | 155 lm/W | | | |
| WTZ8-12L-U-XX-SPFL | 9,983 lm | 123 lm/W | 10,305 lm | 127 lm/W | 10,734 lm | 132 lm/W | 10,734 lm | 132 lm/W | | | |
| WTZ8-12L-U-XX-SPCL | 11,654 lm | 143 lm/W | 12,030 lm | 148 lm/W | 12,531 lm | 154 lm/W | 12,531 lm | 154 lm/W | | | |
| WTZ8-14L-U-XX-RAFL | 13,468 lm | 130 lm/W | 13,903 lm | 134 lm/W | 14,482 lm | 140 lm/W | 14,482 lm | 140 lm/W | 103W | >80 | 6T8 |
| WTZ8-14L-U-XX-SAFL | 13,247 lm | 128 lm/W | 13,675 lm | 132 lm/W | 14,245 lm | 138 lm/W | 14,245 lm | 138 lm/W | | | |
| WTZ8-14L-U-XX-SACL | 14,361 lm | 139 lm/W | 14,825 lm | 143 lm/W | 15,442 lm | 149 lm/W | 15,442 lm | 149 lm/W | | | |
| WTZ8-14L-U-XX-SPFL | 12,259 lm | 119 lm/W | 12,654 lm | 122 lm/W | 13,182 lm | 127 lm/W | 13,182 lm | 127 lm/W | | | |
| WTZ8-14L-U-XX-SPCL | 14,311 lm | 138 lm/W | 14,773 lm | 143 lm/W | 15,389 lm | 149 lm/W | 15,389 lm | 149 lm/W | | | |
| WTZ8-16L-U-XX-RAFL | 15,218 lm | 130 lm/W | 15,709 lm | 134 lm/W | 16,363 lm | 139 lm/W | 16,363 lm | 139 lm/W | 117W | >80 | 4T5HO |
| WTZ8-16L-U-XX-SAFL | 14,968 lm | 127 lm/W | 15,451 lm | 132 lm/W | 16,095 lm | 137 lm/W | 16,095 lm | 137 lm/W | | | |
| WTZ8-16L-U-XX-SACL | 16,227 lm | 138 lm/W | 16,750 lm | 143 lm/W | 17,448 lm | 149 lm/W | 17,448 lm | 149 lm/W | | | |
| WTZ8-16L-U-XX-SPFL | 13,851 lm | 118 lm/W | 14,298 lm | 122 lm/W | 14,894 lm | 127 lm/W | 14,894 lm | 127 lm/W | | | |
| WTZ8-16L-U-XX-SPCL | 16,170 lm | 138 lm/W | 16,692 lm | 142 lm/W | 17,387 lm | 148 lm/W | 17,387 lm | 148 lm/W | | | |
| WTZ8-18L-U-XX-RAFL | 16,614 lm | 136 lm/W | 17,149 lm | 140 lm/W | 17,864 lm | 146 lm/W | 17,864 lm | 146 lm/W | 122W | >80 | 6T5HO |
| WTZ8-18L-U-XX-SAFL | 16,341 lm | 133 lm/W | 16,868 lm | 138 lm/W | 17,571 lm | 144 lm/W | 17,571 lm | 144 lm/W | | | |
| WTZ8-18L-U-XX-SACL | 17,715 lm | 145 lm/W | 18,286 lm | 150 lm/W | 19,048 lm | 156 lm/W | 19,048 lm | 156 lm/W | | | |
| WTZ8-18L-U-XX-SPFL | 15,122 lm | 124 lm/W | 15,609 lm | 128 lm/W | 16,260 lm | 133 lm/W | 16,260 lm | 133 lm/W | | | |
| WTZ8-18L-U-XX-SPCL | 17,654 lm | 144 lm/W | 18,223 lm | 149 lm/W | 18,982 lm | 155 lm/W | 18,982 lm | 155 lm/W | | | |
| WTZ8-24L-U-XX-RAFL | 21,936 lm | 136 lm/W | 22,644 lm | 140 lm/W | 23,587 lm | 146 lm/W | 23,587 lm | 146 lm/W | 162W | >80 | 6T5HO |
| WTZ8-24L-U-XX-SAFL | 21,576 lm | 133 lm/W | 22,272 lm | 138 lm/W | 23,200 lm | 144 lm/W | 23,200 lm | 144 lm/W | | | |
| WTZ8-24L-U-XX-SACL | 23,390 lm | 145 lm/W | 24,145 lm | 149 lm/W | 25,151 lm | 156 lm/W | 25,151 lm | 156 lm/W | | | |
| WTZ8-24L-U-XX-SPFL | 19,966 lm | 124 lm/W | 20,610 lm | 128 lm/W | 21,469 lm | 133 lm/W | 21,469 lm | 133 lm/W | | | |
| WTZ8-24L-U-XX-SPCL | 23,309 lm | 144 lm/W | 24,061 lm | 149 lm/W | 25,064 lm | 155 lm/W | 25,064 lm | 155 lm/W | | | |

¹Values are nominal, see IES file for more detail

²Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

NARROW LINEAR VAPOR TIGHT

AMBIENT TEMPERATURE RANGE

| Part Numbers | Suspended (18 in.) | Surface Mount |
|--------------------|-----------------------|-----------------------|
| | Standard ¹ | Standard ¹ |
| WTZ2-2L-U-XX-RAFL | -4°F to 127°F | -4°F to 126°F |
| WTZ2-3L-U-XX-RAFL | -4°F to 122°F | -4°F to 112°F |
| WTZ2-4L-U-XX-RAFL | -4°F to 115°F | -4°F to 103°F |
| WTZ2-6L-U-XX-RAFL | -4°F to 110°F | -4°F to 96°F |
| WTZ4-3L-U-XX-RAFL | -4°F to 132°F | -4°F to 130°F |
| WTZ4-4L-U-XX-RAFL | -4°F to 129°F | -4°F to 122°F |
| WTZ4-5L-U-XX-RAFL | -4°F to 127°F | -4°F to 115°F |
| WTZ4-6L-U-XX-RAFL | -4°F to 126°F | -4°F to 113°F |
| WTZ4-7L-U-XX-RAFL | -4°F to 125°F | -4°F to 111°F |
| WTZ4-8L-U-XX-RAFL | -40°F to 124°F | -40°F to 108°F |
| WTZ4-9L-U-XX-RAFL | -4°F to 122°F | -4°F to 104°F |
| WTZ4-10L-U-XX-RAFL | -40°F to 130°F | -40°F to 119°F |
| WTZ4-12L-U-XX-RAFL | -40°F to 129°F | -40°F to 118°F |
| WTZ8-6L-U-XX-RAFL | -4°F to 122°F | -4°F to 117°F |
| WTZ8-8L-U-XX-RAFL | -40°F to 129°F | -40°F to 115°F |
| WTZ8-10L-U-XX-RAFL | -4°F to 127°F | -4°F to 115°F |
| WTZ8-12L-U-XX-RAFL | -40°F to 124°F | -40°F to 120°F |
| WTZ8-14L-U-XX-RAFL | -4°F to 125°F | -4°F to 111°F |
| WTZ8-16L-U-XX-RAFL | -40°F to 122°F | -40°F to 110°F |
| WTZ8-18L-U-XX-RAFL | -40°F to 145°F | -40°F to 133°F |
| WTZ8-24L-U-XX-RAFL | -40°F to 122°F | -40°F to 107°F |

¹CT Cold Temp Start Driver (-40°F) Available for (-4°F) standard products

SPECIFICATIONS

CONSTRUCTION

Injection molded one piece 5VA rated fiberglass body with chemical resistant finish for rigidity, durability and prolonged life in rough environments. F1 weatherability rated housing. Toolless removable gear tray for quick and easy access to electrical. Captive latches fastened to housing to safely secure lens to housing. Designed to achieve maximum performance and improved aesthetics.

ELECTRICAL

Class 2 LED light engine for high efficacy and long life. Calculated L70 > 100,000hrs. LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25C ambient. Power Factor > 0.90. Standard 120-277 Vac 0-10V dimmable (10% - 100%) with optional 347V - 480Vac step down transformer. Optional emergency battery backups and generator transfer device available to meet critical life safety lighting requirements. Fixture max ambient reduced for emergency battery backup and step down options.

INSTALLATION

Designed for a variety of mounting applications including surface, pendant, 45 degree wall mount and suspended. Pre-drilled holes on each side of fixture for electrical access and wiring. Hole plugged from factory with rubbered IP rated seal. 1/2" HUBs available for threaded power entry from both ends. Toolless hinged removable gear tray for quick and easy access to electrical.

WARRANTY

5 Year Warranty (Terms and Conditions apply)

OPTICS

Robust injection molded and impact resistant PMMA lens options for durability and LED glare reduction. Standard Ribbed Acrylic Frosted (RAFL), with optional Smooth Acrylic Frosted (SAFL), Smooth Acrylic Clear (SACL), Smooth Polycarbonate Frosted (SPFL) and Smooth Polycarbonate Clear (SPCL) lens options. Field removeable lens for easy access to LED boards, drivers and maintenance.

THERMAL

Ambient temperature range -40°F up to 131°F (-40°C to 55°C) on select models with cold start ambient temperature options. Fixture to be mounted at a minimum plenum height of 18" for suspended mounting. Reduced maximum ambient for surface mounting. Reference Ambient Temperature Ratings by lumen package in the Ambient Temperature Range table for more detail.

CONTROLS

Factory installed Advanced & Basic integral occupancy sensor options available. Fully control light levels for both occupied and unoccupied areas with user selectable bi-level dimming options to meet critical life safety lighting requirements. Advanced controls available for grouping capabilities and BAS operation. See controls pg for more detail (pg. 5).

CERTIFICATIONS

ETL Listed to US and Canadian safety standards. Suitable for Wet Locations. American Recovery and Reinvestment Act Funding Compliant. BAA Compliant. IP65, IP66, IP67 Rated. NSF Listed. 1500 PSI Hosedown Rated. DLC (DesignLights Consortium) Premium Qualified. Please refer to the DLC Qualified Products List at www.Designlights.org/QPL to confirm specific product qualifications.

NARROW LINEAR VAPOR TIGHT

CONTROLS OPTIONS

BASIC

WLOS

Standard on/off wet location rated PIR occupancy sensor. Comes with 360 degree lens. Sensor mounted off end of fixture.

WLOSPC

Standard on/off wet location rated PIR occupancy sensor with photocell control. When installed, fixture will not activate unless 1. motion is detected and 2. light levels are below the preset level. When activated, fixture will turn on to 100% light output and will only shut off when one of the two levels listed above are met. If no motion is detected and light levels fall below preset level the fixture remains off. Sensor mounted off end of fixture.

USBD

User Selectable Bi-Level Dimming wet location rated PIR occupancy sensor. Allows the end user to manually select the unoccupied dimming level. Once motion is detected, the fixture will return to 100% light output. Sensor mounted off end of fixture.

BDxx

Factory set Bi-Level Dimming wet location rated PIR occupancy sensor. Sensor is set to dim level, as indicated in the "xx" portion of the part number, when the area is unoccupied. Example: BD20 sets the fixture to dim down to 20% lumen output when the area is unoccupied. Once motion is detected, the fixture will return to 100% light output. Sensor mounted off end of fixture.

BDxxPC

Factory set Bi-Level Dimming wet location rated PIR occupancy sensor with photocell. Sensor is set to dim level as indicated in the "xx" portion of the part number, when the area is unoccupied and will not return to 100% light output unless 1. motion is detected and 2. the light level is below the preset level. Example: BD20PC sets the fixture to dim down to 20% lumen output when the area is unoccupied and will not return to 100% light output unless the above conditions are met for both motion light level readings. Sensor mounted off end of fixture.

MWS

Standard on/off wet location rated microwave occupancy sensor. Sensor installed on LED gear tray behind lens.

MWUSBD

User Selectable Bi-Level Dimming wet location rated microwave occupancy sensor. Allows the end user to manually select the unoccupied dimming level. Once motion is detected, the fixture will return to 100% light output. Requires use of MW/R/C programming tool; one needed per project. Sensor installed on LED gear tray behind lens.

ADVANCED

Philips ES/HB

EasySense wet location rated PIR occupancy sensor combines occupancy sensing, daylight harvesting and institutional tuning in one solution. Each device allows you to turn on/off occupancy and/or daylight harvesting functions as well as set the full light output, background light level, occupancy prolong time, occupancy grace fading time and occupancy time out/hold time. Requires use of EasySense Pre-Programmed Control Device (ES/PCD) and Commissioning IR Blaster (ES/IR); one of each needed per project. Sensor mounted off end of fixture.

Legrand FSP-311B

FSP-311 wet location rated PIR occupancy sensor offers fully adjustable high and low dimmed light levels with optional photocell. Hold off setpoint with automatic calibration option. Adjustable time delay and cut off delay. Sensor adjustable programming via iOS or Android 'Sensor Configuration' App. Sensor mounted off end of fixture.

Enlighted 5S/HRW/IL

Enlighted wet location rated PIR occupancy sensor bundled system with 5E sensor (SU-5S-HRW-IL), Control Unit (CU-4E-FM) and Cable (CBL-5E-CU4-30N). Fixtures are controlled based on occupancy and ambient light. Includes ability to group fixtures together and connect to a wireless wall switch to zone fixtures for group operation. Provided factory installed components only. Inquire for Enlighted system. Inquire with factory for customer supplied factory installed components. Contact factory for more information. Sensor mounted off end of fixture.

Enlighted 5S/HRW/CL

Enlighted wet location rated PIR occupancy sensor bundled system with 5E sensor (SU-5S-HRW-CL), Control Unit (CU-4E-FM) and Cable (CBL-5E-CU4-30N). Fixtures are controlled based on occupancy and ambient light. Includes individual lighting attributes plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by the Enlighted Smart Sensors for energy, occupancy and environment. Inquire for Enlighted system. Inquire with factory for customer supplied factory installed components. Contact factory for more information. Sensor mounted off end of fixture.

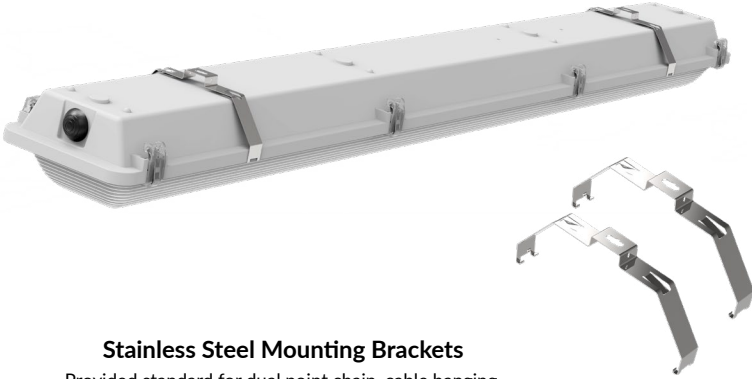
Enlighted 5S/HRW/IOT

Enlighted wet location rated PIR occupancy sensor bundled system with 5E sensor (SU-5S-HRW-IOT), Control Unit (CU-4E-FM) and Cable (CBL-5E-CU4-30N). Fixtures are controlled based on occupancy and ambient light. Includes individual lighting attributes plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by the Enlighted Smart Sensors for energy, occupancy and environment. Additionally, the IOT functionality takes the data access and function beyond just lighting to a wide range of applications beyond the standard connected lighting controls. Inquire for Enlighted system. Inquire with factory for customer supplied factory installed components. Contact factory for more information. Sensor mounted off end of fixture.

WTZ

NARROW LINEAR VAPOR TIGHT

MOUNTING OPTIONS



Stainless Steel Mounting Brackets

Provided standard for dual point chain, cable hanging, and surface mount.



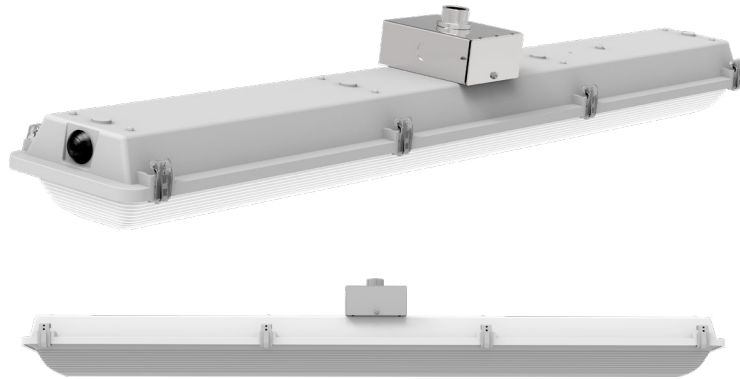
AB45DEG

45° Stainless Steel Angled Wall Mount Bracket. Two standard per set. One set required per fixture.



HB-XXX-LOOP

Includes 2 adjustable cable hangers. Available in 60", 120", 180" & 240"



FMB

Fixture Mounting Box utilized when pendant mounting. Must be used with HUB 3/4. One needed per 4ft section.



HUB 3/4

HUB 3/4 - 3/4" Conduit Hub for Single Pendant Mounting. Requires use of FMB

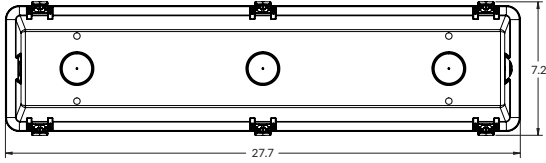
WTZ

NARROW LINEAR VAPOR TIGHT

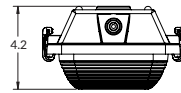
LINE DRAWINGS

WTZ2:

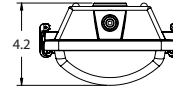
Top View



End View

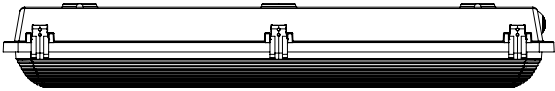


LENS TYPE:
RAFL



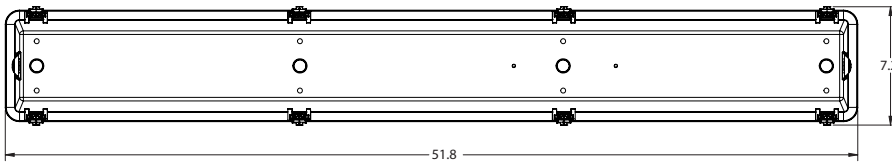
LENS TYPE:
SAFL
SACL
SPFL
SPCL

Side View

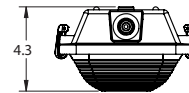


WTZ4

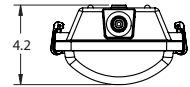
Top View



End View



LENS TYPE:
RAFL



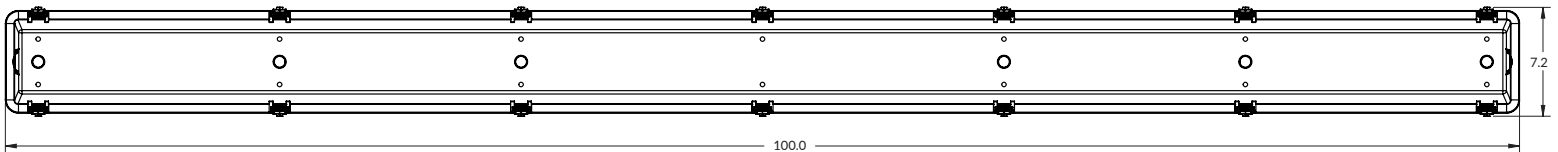
LENS TYPE:
SAFL
SACL
SPFL
SPCL

Side View

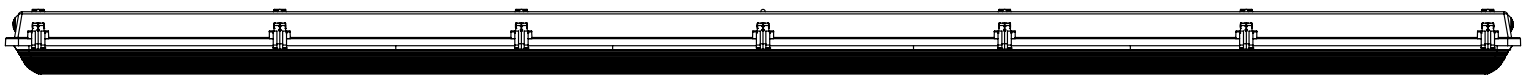


WTZ8

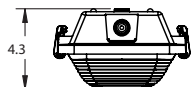
Top View



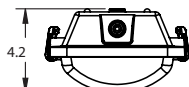
Side View



End View



LENS TYPE:
RAFL



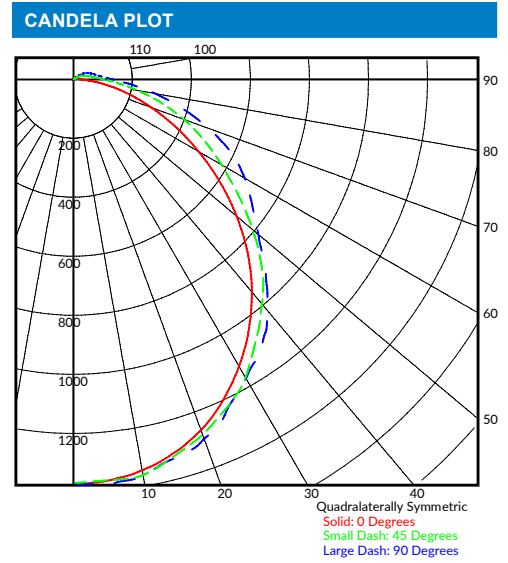
LENS TYPE:
SAFL
SACL
SPFL
SPCL

NARROW LINEAR VAPOR TIGHT

PHOTOMETRIC DATA

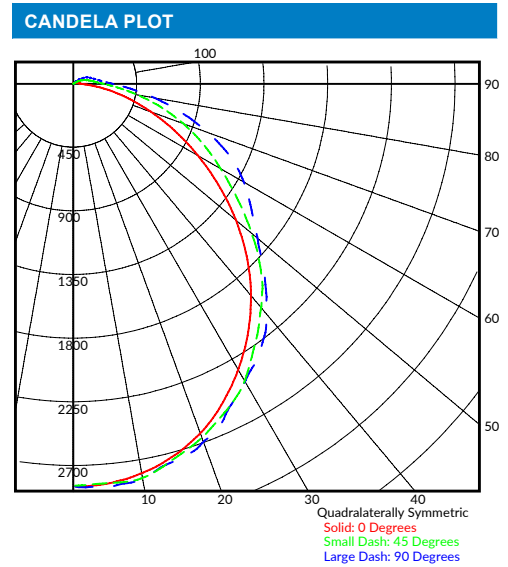
| LUMINAIRE DATA | |
|---------------------|---|
| Part Number | WTZ2-4L-U-50-RAFL |
| Description | 2ft Amazon Vapor Tight, 4,000 Lumens, Ribbed Frosted Acrylic Lens |
| Fixture Lumens (lm) | 4,172 lm |
| Wattage (W) | 80 W |
| Efficacy (lm/W) | 164 lm/W |
| Mounting | Suspended |
| Spacing Criteria | 0° = 1.30, 90° = 1.29 |

| ZONAL LUMEN SUMMARY | | |
|---------------------|-------------|-----------|
| Zone | Lumens (lm) | % Fixture |
| 0° - 40° | 1,744 | 42% |
| 0° - 60° | 3,043 | 73% |
| 0° - 90° | 4,010 | 96% |
| 90° - 180° | 162 | 4% |
| 0° - 180° | 4,172 | 100% |



| LUMINAIRE DATA | |
|---------------------|---|
| Part Number | WTZ4-8L-U-50-RAFL |
| Description | 4ft Amazon Vapor Tight, 8,000 Lumens, Ribbed Frosted Acrylic Lens |
| Fixture Lumens (lm) | 8,673 lm |
| Wattage (W) | 80 W |
| Efficacy (lm/W) | 152 lm/W |
| Mounting | Suspended |
| Spacing Criteria | 0° = 1.29, 90° = 0.77 |

| ZONAL LUMEN SUMMARY | | |
|---------------------|-------------|-----------|
| Zone | Lumens (lm) | % Fixture |
| 0° - 40° | 3,626 | 42% |
| 0° - 60° | 6,327 | 73% |
| 0° - 90° | 8,338 | 96% |
| 90° - 180° | 336 | 4% |
| 0° - 180° | 8,673 | 100% |



| LUMINAIRE DATA | |
|---------------------|--|
| Part Number | WTZ8-16L-U-50-RAFL |
| Description | 8ft Amazon Vapor Tight, 16,000 Lumens, Ribbed Frosted Acrylic Lens |
| Fixture Lumens (lm) | 16,371 lm |
| Wattage (W) | 80 W |
| Efficacy (lm/W) | 159 lm/W |
| Mounting | Suspended |
| Spacing Criteria | 0° = 1.26, 90° = 1.26 |

| ZONAL LUMEN SUMMARY | | |
|---------------------|-------------|-----------|
| Zone | Lumens (lm) | % Fixture |
| 0° - 40° | 6,845 | 42% |
| 0° - 60° | 11,944 | 73% |
| 0° - 90° | 15,737 | 96% |
| 90° - 180° | 634 | 4% |
| 0° - 180° | 16,371 | 100% |

