

Project Name:

Part Number:

Type:



HZV

HAZARDOUS LOCATION LINEAR VAPOR TIGHT



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

FEATURES

- Robust Hazardous Location Narrow Body Linear Vapor Tight
- Class 1 Div 2 Groups A, B, C & D
- Class 1 Zone 2 Groups IIA, IIB+ H2, IIC
- UL844 Hazardous
- Industry Leading Max Ambient up to 131°F
 - 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
- Multiple Impact Resistant Lens Options
- Fiberglass Body Attributes:
 - T4 Housing Ignition Temperature Rated
 - F1 Weatherability Rating, 5VA Flame Rating & 1500 PSI High Pressure Hosedown
 - IP65, IP66 & IP67, NEMA4X, NSF
- 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



HZ Series Playlist



SCAN ME
or Click Here

ASSOCIATED PRODUCTS
HZB Hazardous High Bay

CLASS 1 DIV 2
GROUPS A, B, C, D

NEMA4X



SUITABLE APPLICATIONS

- Chemical Processing Facilities
- Industrial & Manufacturing Facilities
- Wastewater & Water Treatment Facilities
- Coolers & Freezers
- Ethanol & Petroleum Refineries
- Power Generation Facilities
- Food & Beverage Preparation
- Natatorium ¹⁰

ORDERING GUIDE:

| SERIES | LUMENS (select one) | | | | DRIVER | | CCT | LENS | |
|--------------------------------|---------------------|-----|-----|-----|--------|-----------|-----|------|------------------------------|
| | 2L | 3L | 4L | 6L | U | HV | | RAFL | SAFL |
| HZV2 2ft Hazardous Vapor Tight | | | | | | 120-277V | 50 | SAFL | Ribbed Acrylic Frosted (Std) |
| | | | | | | 347V-480V | 40 | SAFL | Smooth Acrylic Frosted |
| | | | | | | | 35 | SAFL | Smooth Acrylic Clear |
| HZV4 4ft Hazardous Vapor Tight | 3L | 4L | 5L | 6L | | | 30 | SPFL | Smooth Polycarbonate Frosted |
| | 7L | 8L | 9L | 10L | | | | SPCL | Smooth Polycarbonate Clear |
| | 12L | | | | | | | | |
| | | | | | | | | | |
| HZV8 8ft Hazardous Vapor Tight | 6L | 8L | 10L | 12L | | | | | |
| | 14L | 16L | 18L | 24L | | | | | |

| OPTIONS | | MOUNTING OPTIONS | |
|---------------------|--|-------------------------------|---|
| Factory Installed | | | |
| SS | Stainless Steel Latches | ACxL | Adjustable Loop aircraft cable set (x = 5' or 10') |
| TPS | Tamper Proof Screws | HZ-HUB 3/4 ^{4,5,7,8} | Conduit Hub 3/4" for Pendant Mounting |
| EM10 ^{1,2} | 10W Factory Installed Battery Backup | FMB ^{5,6,7,8} | Fixture Mounting Box for Pendant Mounting |
| Cx/3W ⁹ | 3-wire cord standard fixtures (xFT = Length; x=6,10,15,20) | AB/45DEG/SS-HZV | 45 Degree Stainless Steel Angled Mounting Bracket Set |
| Cx/5W ⁹ | 5-wire cord for with external dim control (xFT = Length; x=6,10,15,20) | | |
| EMH1 | 1/2" HUB installed in one end of housing for power entry | | |
| EMH2 ³ | 1/2" HUB installed in both ends of housing for power entry | | |

¹Cannot be combined with the HV option

²Cannot be used with power cord

³One required per 4ft section

⁴Consult factory for use on HZV2

⁵Operating temp down to 32°F

⁶Must use with FMB for pendant mounting

⁷Not available for pendant mounting in Canada

⁸Not available with Plug; consult factory for demo model with plug

⁹Not available for pendant mounting in Canada

¹⁰When used with PC Lens and SS Latches

HZV

HAZARDOUS LOCATION LINEAR VAPOR TIGHT

| SYSTEMS INFO ¹ | 3000K | | 3500K | | 4000K | | 5000K | | Watts ² | CRI | Replaces |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|----------|--------------------|-----|----------|
| Part Numbers | Lumens | Efficacy | Lumens | Efficacy | Lumens | Efficacy | Lumens | Efficacy | | | |
| HZV2-2L-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 |
| HZV2-2L-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 | | | |
| HZV2-2L-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 | | | |
| HZV2-2L-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 | | | |
| HZV2-2L-U-XX-SACL | 2,502 lm | 133 lm/W | 2,583 lm | 137 lm/W | 2,691 lm | 143 lm/W | 2,691 lm | 143 lm/W | | | |
| HZV2-3L-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 |
| HZV2-3L-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 | | | |
| HZV2-3L-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 | | | |
| HZV2-3L-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 | | | |
| HZV2-3L-U-XX-SACL | 3,244 lm | 131 lm/W | 3,349 lm | 136 lm/W | 3,489 lm | 141 lm/W | 3,489 lm | 141 lm/W | | | |
| HZV2-4L-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 |
| HZV2-4L-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 | | | |
| HZV2-4L-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 | | | |
| HZV2-4L-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 | | | |
| HZV2-4L-U-XX-SACL | 4,025 lm | 130 lm/W | 4,253 lm | 134 lm/W | 4,430 lm | 140 lm/W | 4,430 lm | 140 lm/W | | | |
| HZV2-6L-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 |
| HZV2-6L-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 | | | |
| HZV2-6L-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 | | | |
| HZV2-6L-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 | | | |
| HZV2-6L-U-XX-SACL | 5,279 lm | 132 lm/W | 5,449 lm | 136 lm/W | 5,676 lm | 142 lm/W | 5,676 lm | 142 lm/W | | | |
| HZV4-3L-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 |
| HZV4-3L-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 | | | |
| HZV4-3L-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 | | | |
| HZV4-3L-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 | | | |
| HZV4-3L-U-XX-SACL | 2,998 lm | 142 lm/W | 3,095 lm | 147 lm/W | 3,224 lm | 153 lm/W | 3,224 lm | 153 lm/W | | | |
| HZV4-4L-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 |
| HZV4-4L-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 | | | |
| HZV4-4L-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 | | | |
| HZV4-4L-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 | | | |
| HZV4-4L-U-XX-SACL | 4,026 lm | 141 lm/W | 4,156 lm | 145 lm/W | 4,329 lm | 151 lm/W | 4,329 lm | 151 lm/W | | | |
| HZV4-5L-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 |
| HZV4-5L-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 | | | |
| HZV4-5L-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 | | | |
| HZV4-5L-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 | | | |
| HZV4-5L-U-XX-SACL | 5,140 lm | 135 lm/W | 5,306 lm | 140 lm/W | 5,527 lm | 146 lm/W | 5,527 lm | 146 lm/W | | | |
| HZV4-6L-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 |
| HZV4-6L-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 | | | |
| HZV4-6L-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 | | | |
| HZV4-6L-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 | | | |
| HZV4-6L-U-XX-SACL | 6,428 lm | 136 lm/W | 6,636 lm | 140 lm/W | 6,912 lm | 146 lm/W | 6,912 lm | 146 lm/W | | | |
| HZV4-7L-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 |
| HZV4-7L-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 | | | |
| HZV4-7L-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 | | | |
| HZV4-7L-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 | | | |
| HZV4-7L-U-XX-SACL | 7,460 lm | 135 lm/W | 7,701 lm | 139 lm/W | 8,022 lm | 145 lm/W | 8,022 lm | 145 lm/W | | | |
| HZV4-8L-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 |
| HZV4-8L-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 | | | |
| HZV4-8L-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 | | | |
| HZV4-8L-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 | | | |
| HZV4-8L-U-XX-SACL | 8,566 lm | 140 lm/W | 8,842 lm | 144 lm/W | 9,211 lm | 150 lm/W | 9,211 lm | 150 lm/W | | | |

¹Please refer to the DLC Qualified Products List at www.Designlights.org/QPL to confirm specific product qualifications.

HZV

HAZARDOUS LOCATION LINEAR VAPOR TIGHT

| SYSTEMS INFO ¹ | 3000K | | 3500K | | 4000K | | 5000K | | Watts ² | CRI | Replaces |
|---------------------------|--------------|----------|-----------|----------|-----------|----------|-----------|----------|--------------------|-----|----------|
| | Part Numbers | Lumens | Efficacy | Lumens | Efficacy | Lumens | Efficacy | Lumens | | | |
| HZV4-9L-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 |
| HZV4-9L-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 | | | |
| HZV4-9L-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 | | | |
| HZV4-9L-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 | | | |
| HZV4-9L-U-XX-SACL | 9,248 lm | 141 lm/W | 9,546 lm | 146 lm/W | 9,944 lm | 152 lm/W | 9,944 lm | 152 lm/W | | | |
| HZV4-10L-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 |
| HZV4-10L-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 | | | |
| HZV4-10L-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 | | | |
| HZV4-10L-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 | | | |
| HZV4-10L-U-XX-SACL | 10,124 lm | 140 lm/W | 10,451 lm | 144 lm/W | 10,886 lm | 150 lm/W | 10,886 lm | 150 lm/W | | | |
| HZV4-12L-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 |
| HZV4-12L-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 | | | |
| HZV4-12L-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 | | | |
| HZV4-12L-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 | | | |
| HZV4-12L-U-XX-SACL | 12,857 lm | 138 lm/W | 13,271 lm | 142 lm/W | 13,824 lm | 148 lm/W | 13,824 lm | 148 lm/W | | | |
| HZV8-6L-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 |
| HZV8-6L-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 | | | |
| HZV8-6L-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 | | | |
| HZV8-6L-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 | | | |
| HZV8-6L-U-XX-SACL | 6,709 lm | 144 lm/W | 6,925 lm | 149 lm/W | 7,214 lm | 155 lm/W | 7,214 lm | 155 lm/W | | | |
| HZV8-8L-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 |
| HZV8-8L-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 | | | |
| HZV8-8L-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 | | | |
| HZV8-8L-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 | | | |
| HZV8-8L-U-XX-SACL | 8,827 lm | 141 lm/W | 9,112 lm | 145 lm/W | 9,491 lm | 151 lm/W | 9,491 lm | 151 lm/W | | | |
| HZV8-10L-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 |
| HZV8-10L-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 | | | |
| HZV8-10L-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 | | | |
| HZV8-10L-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 | | | |
| HZV8-10L-U-XX-SACL | 10,416 lm | 137 lm/W | 10,752 lm | 141 lm/W | 11,200 lm | 147 lm/W | 11,200 lm | 147 lm/W | | | |
| HZV8-12L-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 |
| HZV8-12L-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 | | | |
| HZV8-12L-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 | | | |
| HZV8-12L-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 | | | |
| HZV8-12L-U-XX-SACL | 11,654 lm | 143 lm/W | 12,030 lm | 148 lm/W | 12,531 lm | 154 lm/W | 12,531 lm | 154 lm/W | | | |
| HZV8-14L-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 |
| HZV8-14L-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 | | | |
| HZV8-14L-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 | | | |
| HZV8-14L-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 | | | |
| HZV8-14L-U-XX-SACL | 14,311 lm | 138 lm/W | 14,773 lm | 143 lm/W | 15,389 lm | 149 lm/W | 15,389 lm | 149 lm/W | | | |
| HZV8-16L-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 |
| HZV8-16L-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 | | | |
| HZV8-16L-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 | | | |
| HZV8-16L-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 | | | |
| HZV8-16L-U-XX-SACL | 16,170 lm | 138 lm/W | 16,692 lm | 142 lm/W | 17,387 lm | 148 lm/W | 17,387 lm | 148 lm/W | | | |
| HZV8-18L-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 |
| HZV8-18L-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 | | | |
| HZV8-18L-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 | | | |
| HZV8-18L-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 | | | |
| HZV8-18L-U-XX-SACL | 17,654 lm | 144 lm/W | 18,223 lm | 149 lm/W | 18,982 lm | 155 lm/W | 18,982 lm | 155 lm/W | | | |
| HZV8-24L-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 |
| HZV8-24L-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 | | | |
| HZV8-24L-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 | | | |
| HZV8-24L-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 | | | |
| HZV8-24L-U-XX-SACL | 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 wdata at 25C (77F). Actual wattage may differ by +/- 10%.

*Please refer to the DLC Qualified Products List at www.Designlights.org/QPL to confirm specific product qualifications.

HZV

HAZARDOUS LOCATION LINEAR VAPOR TIGHT

AMBIENT TEMPERATURE RANGE

| Part Numbers | Suspended (18 in.) | Surface Mount |
|--------------------|---------------------|----------------|
| | Standard | Standard |
| HZV2-2L-U-XX-RAFL | -40°F to 127°F | -40°F to 126°F |
| HZV2-3L-U-XX-RAFL | -40°F to 122°F | -40°F to 112°F |
| HZV2-4L-U-XX-RAFL | -40°F to 115°F | -40°F to 103°F |
| HZV2-6L-U-XX-RAFL | -40°F to 110°F | -40°F to 96°F |
| HZV4-3L-U-XX-RAFL | -40°F to 132°F | -40°F to 130°F |
| HZV4-4L-U-XX-RAFL | -40°F to 129°F | -40°F to 122°F |
| HZV4-5L-U-XX-RAFL | -40°F to 127°F | -40°F to 115°F |
| HZV4-6L-U-XX-RAFL | -40°F to 126°F | -40°F to 113°F |
| HZV4-7L-U-XX-RAFL | -40°F to 125°F | -40°F to 111°F |
| HZV4-8L-U-XX-RAFL | -40°F to 124°F | -40°F to 108°F |
| HZV4-9L-U-XX-RAFL | -40°F to 122°F | -40°F to 104°F |
| HZV4-10L-U-XX-RAFL | -40°F to 130°F | -40°F to 119°F |
| HZV4-12L-U-XX-RAFL | -40°F to 129°F | -40°F to 118°F |
| HZV8-6L-U-XX-RAFL | -40°F to 122°F | -40°F to 117°F |
| HZV8-8L-U-XX-RAFL | -40°F to 129°F | -40°F to 115°F |
| HZV8-10L-U-XX-RAFL | -40°F to 127°F | -40°F to 115°F |
| HZV8-12L-U-XX-RAFL | -40°F to 124°F | -40°F to 120°F |
| HZV8-14L-U-XX-RAFL | -40°F to 125°F | -40°F to 111°F |
| HZV8-16L-U-XX-RAFL | -40°F to 122°F | -40°F to 110°F |
| HZV8-18L-U-XX-RAFL | -40°F to 145°F | -40°F to 133°F |
| HZV8-24L-U-XX-RAFL | -40°F to 122°F | -40°F to 107°F |

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. T4 Housing Ignition Temperature Rated. 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 & improved aesthetics.

ELECTRICAL

Class 2 LED light engine for high efficacy and long life. Calculated L70> 100,000 hours. 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 -480 Vac High Voltage Driver. 6kV Surge Protection Standard. Optional emergency battery backup available to meet critical life safety lighting requirements. Fixture max ambient reduced for emergency battery backup.

INSTALLATION

Designed for a variety of mounting applications including surface, pendant, 45° 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. ½" 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. IK10 rated with SAFL, SACL, SPFL, & SPCL Lenses. IK07 with RAFL lens.

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.

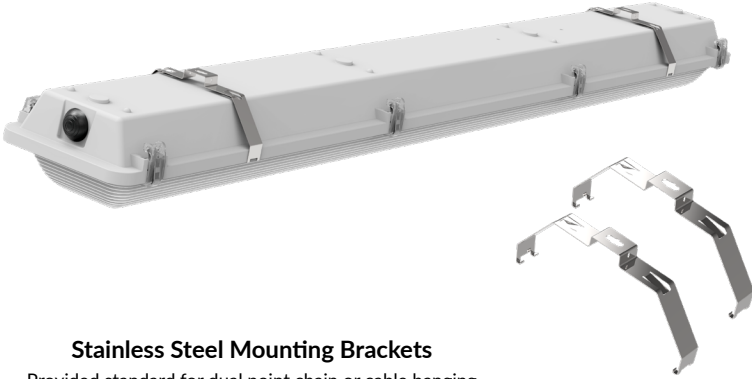
CERTIFICATIONS

ETL Listed to US and Canadian safety standards. Suitable for Wet Locations. American Recovery and Reinvestment Act Funding Compliant. BAA Compliant. Hazardous Location Class 1 Division 2, Groups A, B, C, D. Class 1 Zone 2 Groups IIA, IIB + H2, IIC. UL844 Hazardous. 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.

HZV

HAZARDOUS LOCATION LINEAR VAPOR TIGHT

MOUNTING OPTIONS



Stainless Steel Mounting Brackets

Provided standard for dual point chain or cable hanging



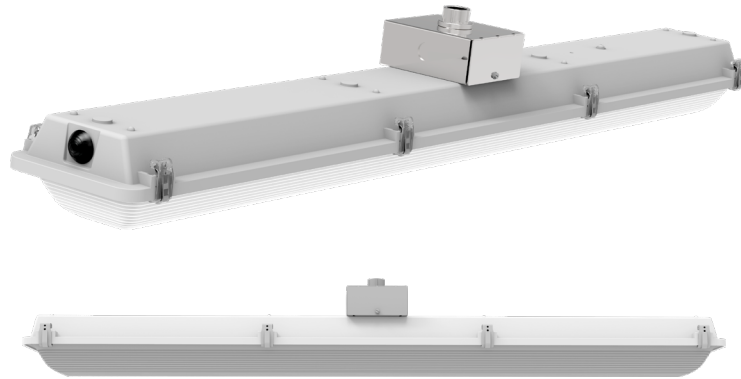
AB45DEG

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



ACxY

Includes 2 adjustable cable hangers.
Available in 5' and 10'.
Stainless Steel Options Available.



FMB

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



HZ-HUB 3/4

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

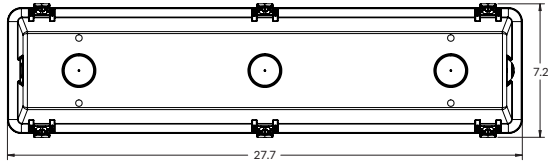
HZV

HAZARDOUS LOCATION LINEAR VAPOR TIGHT

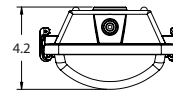
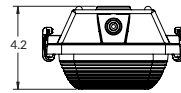
LINE DRAWINGS

HZV2:

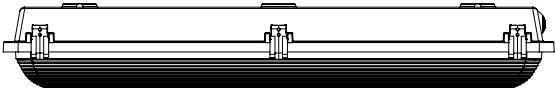
Top View



End View

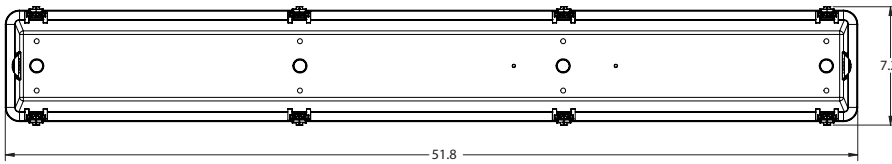


Side View

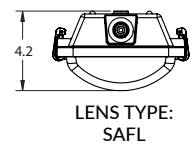
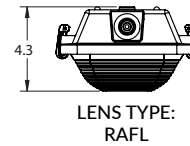


HZV4

Top View



End View

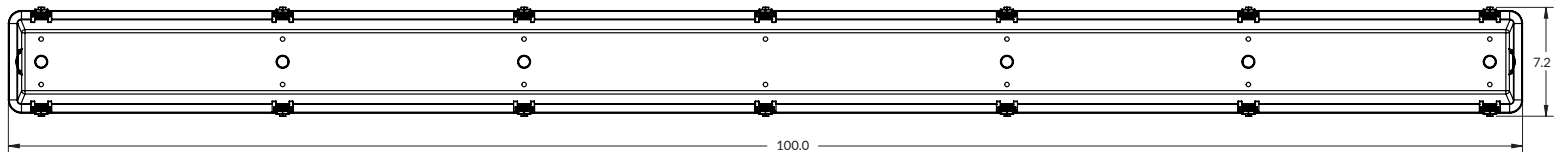


Side View

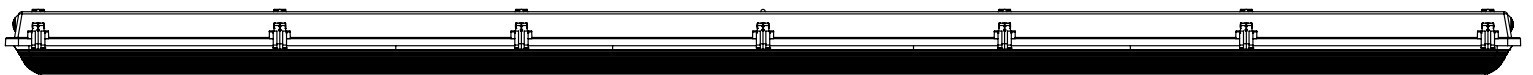


HZV8

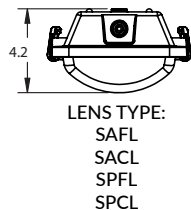
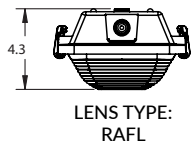
Top View



Side View



End View



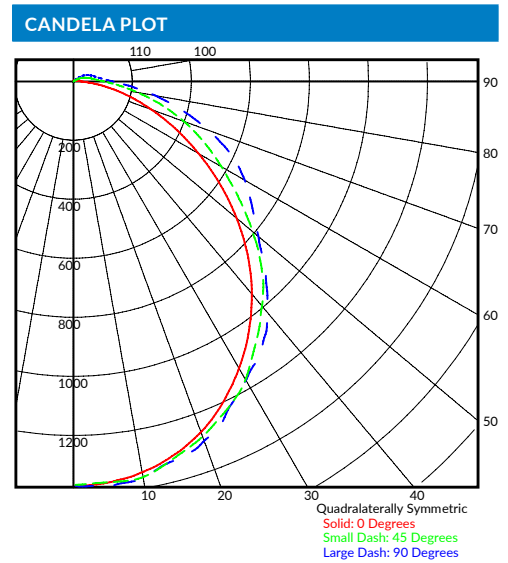
HZV

HAZARDOUS LOCATION LINEAR VAPOR TIGHT

PHOTOMETRIC DATA

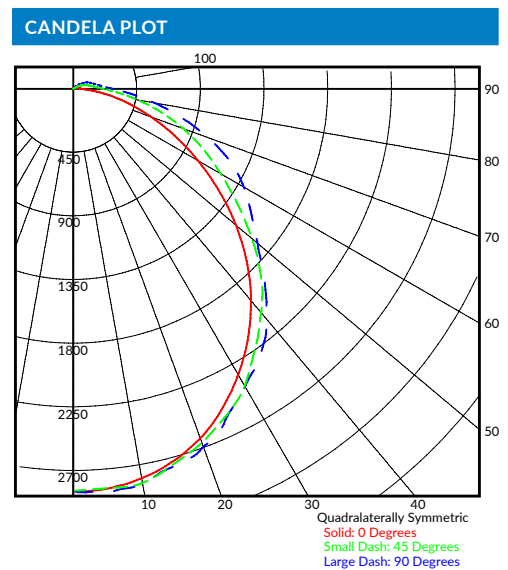
| LUMINAIRE DATA | |
|---------------------|--|
| Part Number | HZV2-4L-U-50-RAFL |
| Description | 2ft Hazardous Location Linear Vapor Tight, 4,000 Lumens, Ribbed Frosted Acrylic Lens |
| Fixture Lumens (lm) | 4,172 lm |
| Wattage (W) | 80 W |
| Efficacy (lm/W) | 164 lm/W |
| Mounting | Suspended |
| 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 | HZV4-8L-U-50-RAFL |
| Description | 4ft Hazardous Location Linear Vapor Tight, 4,000 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 | HZV8-16L-U-50-RAFL |
| Description | 8ft Hazardous Location Linear Vapor Tight, 4,000 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% |

