# Metalux

## VT4S LED

2' Industrial
Vaportite LED Industrial

### Typical Applications

Cold Storage • Canopy • Warehouse • Food Processing • Manufacturing • Complex Environments

## Interactive Menu

- Order Information  page 2
- Photometric Data  page 3
- Product Warranty

## Product Certification
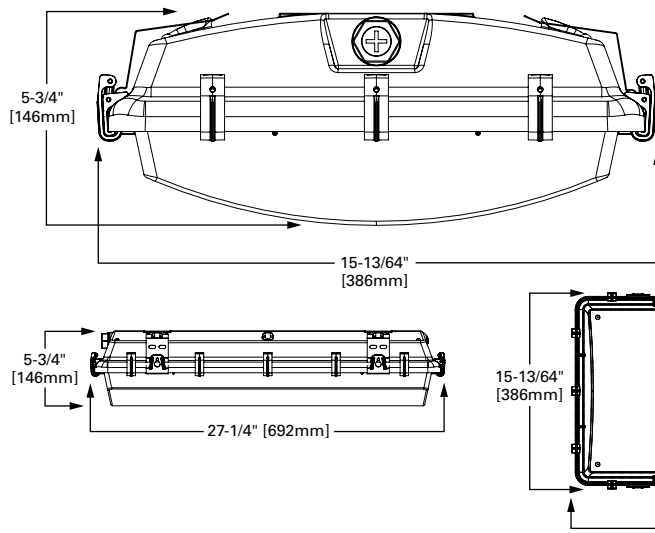
## Product Features

LINEAR DISCONNECT
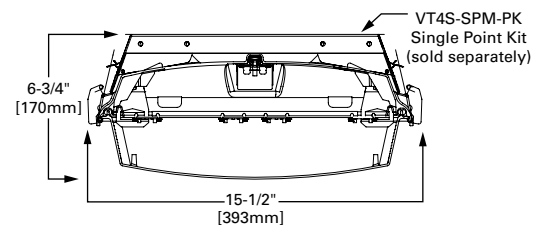Safe and convenient means of disconnecting power

wet location

## Top Product Features

- Compact and durable fiberglass reinforced polyester housing
- Clear or Frosted lens made from acrylic or high impact polycarbonate
- 2ft housing delivers up to 18,000 lumens
- Wet Location and rated up to IP69 and NEMA 4X
- High-Performance efficacy up to 157 lm/W
- Options to meet Buy American and other domestic preference requirements

## Dimensional and Mounting Details

5-3/4" [146mm]

15-13/64" [386mm]

5-3/4" [146mm]

27-1/4" [692mm]

15-13/64" [386mm]

27-1/4" [692mm]

## Installation Data

VT4S-SPM-PK
Single Point Kit
(sold separately)

6-3/4" [170mm]

15-1/2" [393mm]

COOPER
Lighting Solutions

## Order Information

SAMPLE ORDER NUMBER: **VT4S-18-DR-UNV-L850-CD2-WL-U**

| Domestic Preferences | Series | LED Lumens Output | Lens | Voltage | CCT | Options Emergency |
|---|---|---|---|---|---|---|
| **Domestic Preferences (1)** | **Series (4)** | **LED Lumen Output** | **Lens** | **Voltage (5)** | **CCT** | **Options Emergency** |
| **[Blank]**=Standard<br>**BAA**=Buy American Act<br>**TAA**=Trade Agreements Act | **VT4S**=2' Vaportite<br>**VT4SP**=Pendant Mount (2), (3) | **9**=9,000 Luamens<br>**12**=12,000 Lumens<br>**15**=15,000 Lumens<br>**18**=18,000 Lumens | **DR**=Clear Acrylic High Impact<br>**DRF**=Frosted Acrylic High Impact<br>**PC**=Clear Poly Carbonate<br>**PCF**=Frosted Poly Carbonate | **120V**=120 Volt<br>**277V**=277 Volt<br>**347V**=347 Volt<br>**480V**=480 Volt<br>**UNV**=Universal 120-277 Volt<br>**UNC**=Universal 347-480 Volt | **L835**=3500K<br>**L840**=4000K<br>**L850**=5000K | **EL10W**=10-watt, 120-277V emergency battery pack installed (9,000 lumen fixture only) (6)<br>**VT-REM-EL10W**=Remote Mounted, 10 Watt, 120-277V, Emergency Battery Pack (7) |
| **Notes**<br>(1) Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. | **Notes**<br>(2) Pendant mount option offers up to IP66 rating. (3) Rigid mount not for use in gymnasiums. (4) DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium, refer to www.designlights.org for details. | | | **Notes**<br>(5) When ordering MS option, specify as UNV (for 120 or 277V), 347 or 480V. | | **Notes**<br>(6) EL10W option is rated for 0C to 35C ambient. (7) Remote mount battery rated up to IP66. |

| Driver Type | Number of Drivers | Label | Options | Packaging | Accessories |
|---|---|---|---|---|---|
| **Driver Type** | **Number of Drivers** | **Label** | **Options** | **Packaging** | **Accessories (order separately) (12)** |
| **CD**=0-10V Dimming Driver | **1**=1 Driver (9,000 lumens)<br>**2**=2 Drivers (12,000, 15,000 and 18,000 lumen) | **WL**=Wet Label | **[Blank]**=Plastic Latches and (2) End Watertite Hubs (all Watertite Hubs have 1/2" Conduit Entry)<br>**C3**=3' Power Cord<br>**C6**=6' Power Cord<br>**PC3-**=3' Power Cord & Plug (Specify Voltage)<br>**PC6-**=6' Power Cord & Plug (Specify Voltage)<br>**VRS**=Vandal Resistant Screws for Latches<br>**MS**=Damp listed Motion Sensor (8)<br>**SSL**=Stainless Steel Latches<br>**MSWL20**=Wet Location Motion Sensor (9), (10)<br>**MSWL40**=Wet Location Motion Sensor (9), (10) | **U**=Unit Pack | **VT4S-MBK-PK**=Mounting Bracket Kit (2 per kit)<br>**VT4S-SPM-PK**=Single Point Mounting Kit (1 per kit) |
| | | | **Notes**<br>(8) When ordering MS option, specify as UNV (for 120 or 277V), 347 or 480V. (9) When ordering MSWL sensor, specify voltage (120V, 277V or 347V). (10) MSWL Sensor is rated up to IP65. | | **Notes**<br>(12) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information. |

## Product Specifications

### Construction
- Rugged and durable construction
- Fiberglass housing with high impact diffuser and metal gear tray secured by internal latches for easy driver access
- Stainless steel latches option

### Electrical
- Long-Life LED system coupled with electrical driver for optimal performance
- LED's available in 3500K, 4000K and 5000K with a CRI ≥ 80
- Projected life is 60,000 hours at 70% lumen output
- Electronic drivers are available for 120-277V, 347V and 480V applications

- 0-10V dimming control is available
- Operating temperature of -40°C to 40°C

### Lens
- High-impact clear or frosted acrylic or 100% polycarbonate lens options

### Mounting
- Surface, chain, cable or monopoint mounting
- Suspended mount using two stainless steel V-hooks
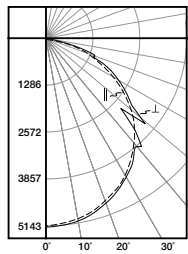- Surface mount bracket or monopoint mounting hardware must be ordered separately

### Warranty
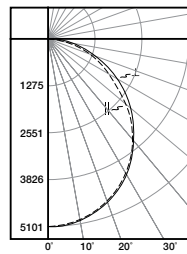- Five-year limited warranty

### Compliance
- UL/cUL listed for Wet location
- RoHS compliant
- LED modules comply with IESNA LM-79 and LM-80 standards
- IP65, IP66, IP67 and IP69 ratings
- NEMA 4X, up to 1500 PSI hosedown
- NSF certified
- DesignLights Consortium® Qualified and classified for both DLC Standard and DLC Premium (refer to www.designlights.org for details)

## Photometric Data

**VT4S-15-DR-UNV-L840-CD2-U**
Electronic Driver
Linear LED 4000K
Spacing criterion: (II) 1.27 x mounting height, (⊥) 1.28 x mounting height
Lumens: 15098
Input Watts: 108.3W
Efficacy: 139.4 lm/W
Test Report: VT4S-15-DR-UNV-L840-CD2-U.IES

**VT4S-15-DRF-UNV-L840-CD2-U**
Electronic Driver
Linear LED 4000K
Spacing criterion: (II) 1.24 x mounting height, (⊥) 1.26 x mounting height
Lumens: 14822
Input Watts: 107.5W
Efficacy: 137.9 lm/W
Test Report: VT4S-15-DRF-UNV-L840-CD2-U.IES

## Energy and Performance Data by Catalog Number

| Catalog Number | Description | Delivered Lumens | | | | Watts | Efficacy | | | |
| | | Lensing | | | | | Lensing | | | |
| | | DR | DRF | PC | PCF | | DR | DRF | PC | PCF |
|---|---|---|---|---|---|---|---|---|---|---|
| VT4S-9-XX-UNV-L835-CD1 | 2ft, Vaportight, 9000 lumens UNV, 3500K | 9286 | 9116 | 9224 | 8266 | 62 | 151 | 148 | 150 | 134 |
| VT4S-9-XX-UNV-L840-CD1 | 2ft, Vaportight, 9000 lumens UNV, 4000K | 9394 | 9222 | 9331 | 8362 | 62 | 153 | 150 | 152 | 136 |
| VT4S-9-XX-UNV-L850-CD1 | 2ft, Vaportight, 9000 lumens UNV, 5000K | 10146 | 9959 | 10077 | 9031 | 62 | 165 | 162 | 164 | 147 |
| VT4S-12-XX-UNV-L835-CD2 | 2ft, Vaportight, 12000 lumens UNV, 3500K | 12092 | 11870 | 12010 | 10763 | 84 | 144 | 141 | 143 | 128 |
| VT4S-12-XX-UNV-L840-CD2 | 2ft, Vaportight, 12000 lumens UNV, 4000K | 12232 | 12008 | 12149 | 10888 | 84 | 146 | 143 | 145 | 130 |
| VT4S-12-XX-UNV-L850-CD2 | 2ft, Vaportight, 12000 lumens UNV, 5000K | 13211 | 12968 | 13121 | 11759 | 84 | 157 | 155 | 156 | 140 |
| VT4S-15-XX-UNV-L835-CD2 | 2ft, Vaportight, 15000 lumens UNV, 3500K | 14925 | 14651 | 14824 | 13285 | 108 | 138 | 135 | 137 | 123 |
| VT4S-15-XX-UNV-L840-CD2 | 2ft, Vaportight, 15000 lumens UNV, 4000K | 15098 | 14821 | 14996 | 13439 | 108 | 139 | 137 | 138 | 124 |
| VT4S-15-XX-UNV-L850-CD2 | 2ft, Vaportight, 15000 lumens UNV, 5000K | 16306 | 16007 | 16196 | 14514 | 108 | 151 | 148 | 150 | 134 |
| VT4S-18-XX-UNV-L835-CD2 | 2ft, Vaportight, 18000 lumens UNV, 3500K | 17780 | 17454 | 17660 | 15826 | 138 | 129 | 127 | 128 | 115 |
| VT4S-18-XX-UNV-L840-CD2 | 2ft, Vaportight, 18000 lumens UNV, 4000K | 17986 | 17656 | 17864 | 16010 | 138 | 131 | 128 | 130 | 116 |
| VT4S-18-XX-UNV-L850-CD2 | 2ft, Vaportight, 18000 lumens UNV, 5000K | 19425 | 19068 | 19294 | 17290 | 138 | 141 | 139 | 140 | 126 |

### Lumen Maintenance

| Ambient Temperature | TM-21 Lumen Maintenance (60,000 hours) | Theoretical L70 (Hours) |
|---|---|---|
| 25°C | > 91% | > 247,000 |

### Energy Data

| Input Watts: |
|---|
| VT4S-9=62W |
| VT4S-12=84W |
| VT4S-15=108W |
| VT4S-18=138W |

### Shipping Data

| Catalog No. | Wt. |
|---|---|
| VT4S-9 | 12 lbs. |
| VT4S-12 | 12 lbs. |
| VT4S-15 | 12 lbs. |
| VT4S-18 | 12 lbs. |

## COOPER
Lighting Solutions