

PROJECT:

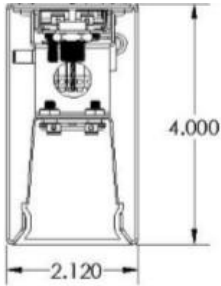
NOTES:

ORDERING INFORMATION:

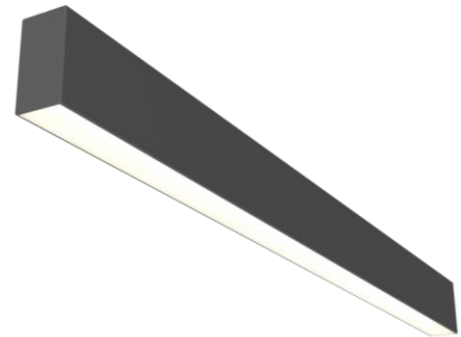
EXAMPLE

VS2 - 8F - 50 - 9 - 35 - 347 - W - EM - DA  
 SERIES NOM. LENGTH LUMENS CRI KELVINS VOLTAGE FINISH OPTIONS DRIVERS

SHOP DRAWING



| VERSION | NOMINAL | LENGTH |
|---------|---------|--------|
| VS2-2F  | 2 FEET  | 24 in  |
| VS2-4F  | 4 FEET  | 48 in  |
| VS2-6F  | 6 FEET  | 72 in  |
| VS2-8F  | 8 FEET  | 96 in  |



ORDERING INFORMATION

**SERIES**  
VS2

**NOMINAL LENGTH**  
(X)F Nominal Length in feet

**LUMENS\***

|     |                      |
|-----|----------------------|
| 30  | 300 Lumens Per Foot  |
| 50  | 500 Lumens Per Foot  |
| 75  | 750 Lumens Per Foot  |
| 100 | 1000 Lumens Per Foot |

\*Other lumen packages available

**CRI**

|       |        |
|-------|--------|
| BLANK | 80 CRI |
| 9     | 90 CRI |

**KELVIN**

|    |               |
|----|---------------|
| 27 | 2700K         |
| 30 | 3000K         |
| 35 | 3500K         |
| 40 | 4000K         |
| 50 | 5000K         |
| TW | Tunable White |

**VOLTAGE**

|     |          |
|-----|----------|
| MV  | 120-277V |
| 347 | 347V     |

**FINISH**

|   |                                   |
|---|-----------------------------------|
| B | Matte Textured Black              |
| W | Matte Textured White              |
| S | Matte Textured Silver             |
| C | Custom Finish (Specify RAL Color) |

**OPTIONS**

|      |   |
|------|---|
| CP1  | Occupancy/Daylight Sensor (Phillips SNS200)   |
| CLE5 | Occupancy Sensor (Leviton OSF10)              |
| CW3  | Passive Infrared Sensor (WattStopper FSP-211) |
| CT9  | T-Bar caddy clip 9/16"                        |
| CT15 | T-Bar caddy clip 15/16"                       |
| FP   | Impact resistant polycarbonate lens           |
| SF   | Side Feed Cab Tire Wire                       |
| EM   | Emergency Power Pack*                         |

\*Available with section of 4ft and over for direct only version

**DRIVERS**

|       |                     |
|-------|---------------------|
| BLANK | Non-dimming driver  |
| D     | 0-10V dimming       |
| D1    | 0-10V dimming to 1% |
| DA    | DALI driver         |

FEATURES

- > 18 gauges C.R.S. linear fixture with unique fabrication concept made for continuous runs with simple and user-friendly joining systems
- > 2 inch-wide surface linear luminaire
- > Snap-in white frosted acrylic lens
- > Matte powder coated finish applied post-production to ensure smooth edges and modern look
- > Wide selection of LED packages
- > Minimum 80 CRI; color range 2700K - 5000K available
- > Tunable White option available
- > Multiple dimming protocols available

APPLICATIONS

- > Schools
- > Corridors
- > Offices
- > Commercial Applications
- > Atriums
- > Restaurants
- > Libraries

LED

FIXTURE PERFORMANCE DATA

SPECIFICATIONS

**Housing** – Precision die-formed 18-gauge C.R.S.

**Diffuser** – High efficiency white frosted acrylic snap-in lens

**Finish** – Baked enamel powder finish applied post production on all surfaces for smooth edges and safe handling

**Electrical** – High quality mid-power LED boards. L70 >72,000 hours reported / 129,200 hours calculated at maximum allowable output current. L85 >50,000 hours.

**Mounting** – Surface Mount

**Listings** –  
 ■ cUL certified as luminaire suitable for dry or damp locations.

**Warranty** – 5-year limited warranty

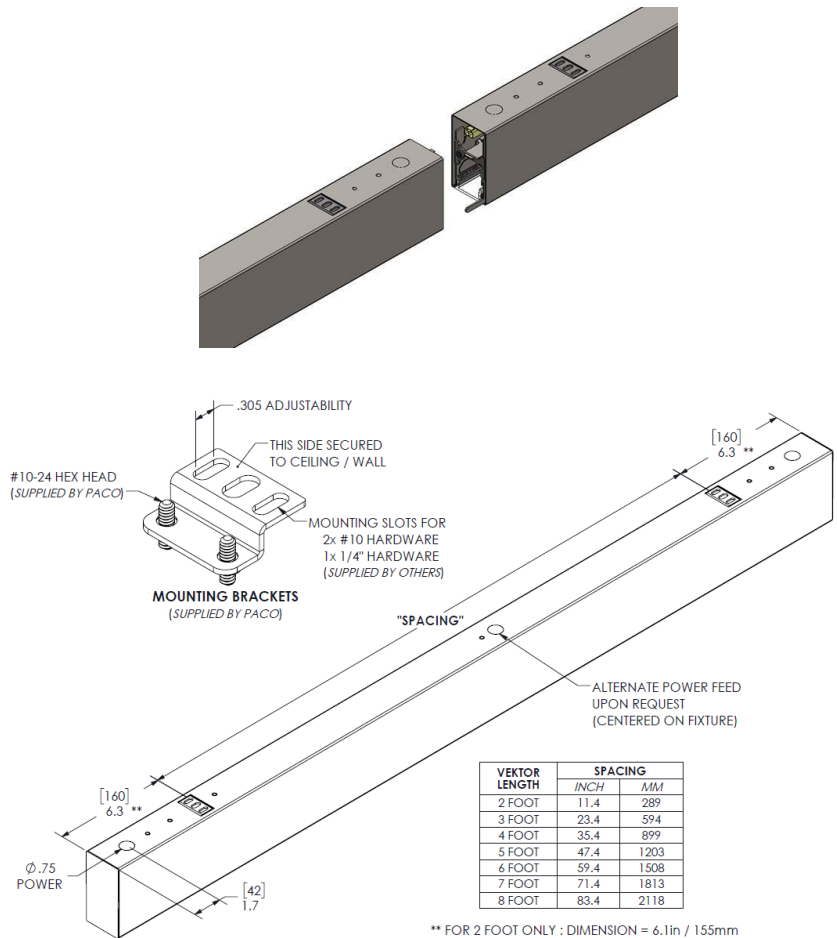
| LED PACKAGE  | DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) |
|--------------|------------------|---------|-----------------|
| Direct (4ft) |                  |         |                 |
| 1200         | 1,221            | 11      | 111             |
| 2000         | 2,022            | 18      | 112             |
| 3000         | 3,066            | 29      | 106             |
| 4000         | 4,059            | 40      | 101             |

\*Results based on smooth white frosted lens, 80 CRI, 4000K

| MULTIPLIER TABLE  |                   |
|-------------------|-------------------|
| COLOR TEMPERATURE |                   |
| CCT/CRI           | CONVERSION FACTOR |
| 2700K / 80 CRI    | 0.93              |
| 3000K / 80 CRI    | 0.95              |
| 3500K / 80 CRI    | 0.97              |
| 4000K / 80 CRI    | 1                 |
| 5000K / 80 CRI    | 1.03              |

Fixture Details

JOINING SYSTEM



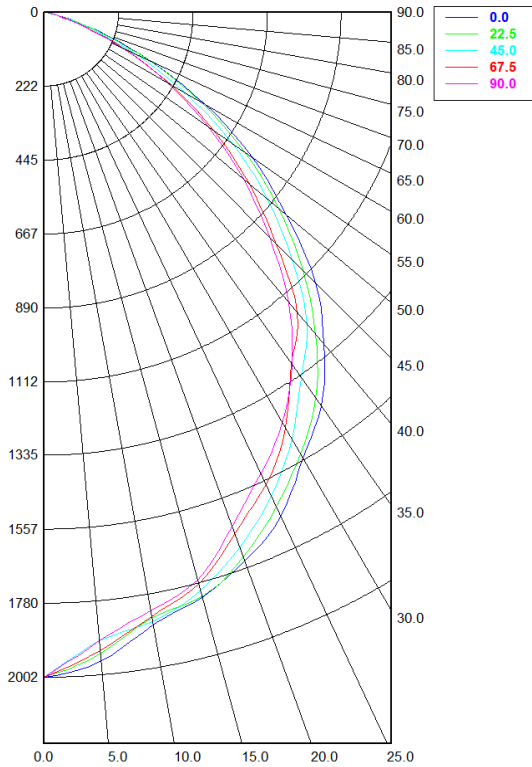
| VEKTOR LENGTH | SPACING |      |
|---------------|---------|------|
|               | INCH    | MM   |
| 2 FOOT        | 11.4    | 289  |
| 3 FOOT        | 23.4    | 594  |
| 4 FOOT        | 35.4    | 899  |
| 5 FOOT        | 47.4    | 1203 |
| 6 FOOT        | 59.4    | 1508 |
| 7 FOOT        | 71.4    | 1813 |
| 8 FOOT        | 83.4    | 2118 |

\*\* FOR 2 FOOT ONLY : DIMENSION = 6.1in / 155mm



PHOTOMETRY

VS2-4F-40-40



**Candela Distribution**

|        | 0.00°    | 22.50°   | 45.00°   | 67.50°   | 90.00°   |
|--------|----------|----------|----------|----------|----------|
| 0.00°  | 2,002.27 | 2,002.27 | 2,002.27 | 2,002.27 | 2,002.27 |
| 5.00°  | 1,961.18 | 1,938.09 | 1,900.53 | 1,928.98 | 1,900.97 |
| 10.00° | 1,874.10 | 1,853.59 | 1,863.01 | 1,847.55 | 1,830.61 |
| 15.00° | 1,825.04 | 1,822.63 | 1,803.25 | 1,782.56 | 1,770.76 |
| 20.00° | 1,756.66 | 1,744.13 | 1,712.96 | 1,668.90 | 1,645.76 |
| 25.00° | 1,677.69 | 1,645.05 | 1,608.46 | 1,570.13 | 1,532.95 |
| 30.00° | 1,551.80 | 1,537.35 | 1,486.02 | 1,447.82 | 1,429.58 |
| 35.00° | 1,448.74 | 1,419.85 | 1,344.31 | 1,293.94 | 1,294.74 |
| 40.00° | 1,305.10 | 1,265.78 | 1,225.87 | 1,180.44 | 1,142.07 |
| 45.00° | 1,150.68 | 1,096.89 | 1,051.97 | 980.49   | 953.81   |
| 50.00° | 947.13   | 918.91   | 870.96   | 796.55   | 773.75   |
| 55.00° | 758.91   | 728.98   | 682.64   | 617.46   | 598.23   |
| 60.00° | 553.46   | 543.69   | 488.73   | 436.66   | 422.50   |
| 65.00° | 353.02   | 346.80   | 300.12   | 267.85   | 264.27   |
| 70.00° | 186.43   | 178.64   | 154.58   | 128.70   | 120.25   |
| 75.00° | 60.87    | 58.00    | 46.13    | 35.85    | 34.77    |
| 80.00° | 8.63     | 9.06     | 7.51     | 6.09     | 6.56     |
| 85.00° | 0.67     | 0.86     | 1.51     | 2.02     | 2.00     |
| 90.00° | 0.47     | 0.44     | 0.44     | 0.49     | 0.26     |

**Spacing Criterion:**

|                           |      |
|---------------------------|------|
| Two luminaires, plane 0°  | 1.15 |
| Two luminaires, plane 90° | 1.07 |
| Four luminaires           | 1.24 |

**Zonal Lumen Summary**

| Zone              | Lumens   | % Fixture |
|-------------------|----------|-----------|
| 0.00° - 10.00°    | 192.16   | 4.73%     |
| 10.00° - 20.00°   | 503.82   | 12.41%    |
| 20.00° - 30.00°   | 736.56   | 18.15%    |
| 30.00° - 40.00°   | 846.64   | 20.86%    |
| 40.00° - 50.00°   | 801.72   | 19.75%    |
| 50.00° - 60.00°   | 600.98   | 14.81%    |
| 60.00° - 70.00°   | 307.68   | 7.58%     |
| 70.00° - 80.00°   | 66.51    | 1.64%     |
| 80.00° - 90.00°   | 2.94     | 0.07%     |
| 90.00° - 100.00°  | 0.12     | 0.00%     |
| 100.00° - 110.00° | 0.00     | 0.00%     |
| 110.00° - 120.00° | 0.00     | 0.00%     |
| 120.00° - 130.00° | 0.00     | 0.00%     |
| 130.00° - 140.00° | 0.00     | 0.00%     |
| 140.00° - 150.00° | 0.00     | 0.00%     |
| 150.00° - 160.00° | 0.00     | 0.00%     |
| 160.00° - 170.00° | 0.00     | 0.00%     |
| 170.00° - 180.00° | 0.00     | 0.00%     |
| 0.00° - 90.00°    | 4,059.02 | 100.00%   |
| 90.00° - 180.00°  | 0.12     | 0.00%     |
| 0.00° - 180.00°   | 4,059.02 | 100.00%   |

STANDARD CONFIGURATIONS

| Total Length (Feet) | VEKTOR 2 : Standard Row Mount Sections |    |    |    |    |    |
|---------------------|--|----|----|----|----|----|
| 2                   | 2F                                     |    |    |    |    |    |
| 3                   | 3F                                     |    |    |    |    |    |
| 4                   | 4F                                     |    |    |    |    |    |
| 5                   | 5F                                     |    |    |    |    |    |
| 6                   | 6F                                     |    |    |    |    |    |
| 7                   | 7F                                     |    |    |    |    |    |
| 8                   | 8F                                     |    |    |    |    |    |
| 9                   | 4S                                     | 5E |    |    |    |    |
| 10                  | 6S                                     | 4E |    |    |    |    |
| 11                  | 6S                                     | 5E |    |    |    |    |
| 12                  | 6S                                     | 6E |    |    |    |    |
| 13                  | 6S                                     | 7E |    |    |    |    |
| 14                  | 6S                                     | 8E |    |    |    |    |
| 15                  | 8S                                     | 7E |    |    |    |    |
| 16                  | 8S                                     | 8E |    |    |    |    |
| 17                  | 6S                                     | 5M | 6E |    |    |    |
| 18                  | 6S                                     | 6M | 6E |    |    |    |
| 19                  | 6S                                     | 7M | 6E |    |    |    |
| 20                  | 6S                                     | 8M | 6E |    |    |    |
| 21                  | 8S                                     | 5M | 8E |    |    |    |
| 22                  | 8S                                     | 6M | 8E |    |    |    |
| 23                  | 8S                                     | 7M | 8E |    |    |    |
| 24                  | 8S                                     | 8M | 8E |    |    |    |
| 25                  | 6S                                     | 5M | 8M | 6E |    |    |
| 26                  | 6S                                     | 6M | 8M | 6E |    |    |
| 27                  | 6S                                     | 7M | 8M | 6E |    |    |
| 28                  | 6S                                     | 8M | 8M | 6E |    |    |
| 29                  | 8S                                     | 6M | 7M | 8E |    |    |
| 30                  | 8S                                     | 6M | 8M | 8E |    |    |
| 31                  | 8S                                     | 7M | 8M | 8E |    |    |
| 32                  | 8S                                     | 8M | 8M | 8E |    |    |
| 33                  | 8S                                     | 6M | 5M | 6M | 8E |    |
| 34                  | 8S                                     | 6M | 6M | 6M | 8E |    |
| 35                  | 7S                                     | 7M | 7M | 7M | 7E |    |
| 36                  | 6S                                     | 8M | 8M | 8M | 6E |    |
| 37                  | 8S                                     | 7M | 7M | 7M | 8E |    |
| 38                  | 8S                                     | 8M | 6M | 8M | 8E |    |
| 39                  | 8S                                     | 8M | 7M | 8M | 8E |    |
| 40                  | 8S                                     | 8M | 8M | 8M | 8E |    |
| 41                  | 8S                                     | 7M | 6M | 6M | 6M | 8E |
| 42                  | 8S                                     | 8M | 6M | 6M | 6M | 8E |
| 43                  | 6S                                     | 8M | 7M | 8M | 8M | 6E |
| 44                  | 6S                                     | 8M | 8M | 8M | 8M | 6E |
| 45                  | 6S                                     | 8M | 8M | 8M | 8M | 7E |
| 46                  | 6S                                     | 8M | 8M | 8M | 8M | 8E |
| 47                  | 8S                                     | 8M | 8M | 8M | 8M | 7E |
| 48                  | 8S                                     | 8M | 8M | 8M | 8M | 8E |

| Legend                       |        |
|------------------------------|--------|
| #=                           | Length |
| F=                           | Full   |
| S=                           | Start  |
| M=                           | Middle |
| E=                           | End    |
| example : 8M = 8 Foot Middle |        |