

ILP vsstrip3.0

PRODUCT
OVERVIEW



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FEATURES

- Highly configurable strip light with 2', 4', and 8' sizes, 2.8" width, and suspended, surface, wall, or pendant mounting options, including continuous row capability.
- Steel housing with a white powder coat finish and a high-transmission frosted acrylic lens for uniform illumination and modern style.
- Offers field-selectable or factory-set lumen output (2,000–12,000 lumens) and field selectable CCT options (3500K, 4000K, 5000K) to adapt to various applications.
- Integrated wireless controls and a 0–10V dimmable driver (100%–10%) for maximum energy savings.
- Supports 120–277V universal voltage, with optional 347V or 480V step-down transformers and factory installed battery backups (5W–10W).
- High efficacy of up to 162 lm/W and >80 CRI with a calculated L70 > 100,000 hours, backed by a 5-year standard warranty (optional 10-year warranty).
- DLC® qualified and ETL listed, backed by a 5-year standard warranty (10-year optional)

DIGITAL NAVIGATION

Explore the spec sheet through the links below

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SUITABLE APPLICATIONS

- Retail
- Healthcare
- Education
- Warehouse
- Manufacturing Facilities
- Schools
- Grocery Store
- Hallways
- Distribution Center

CERTIFICATIONS



SPECIFICATIONS

CONSTRUCTION

Steel housing body with a white powdercoat finish, for rigidity, durability, and ease of installation. Designed for both functionality and aesthetics, providing reliable performance without compromising on style.

ELECTRICAL

Class 2 LED light engine for high efficacy and long life. Calculated L70 > 100,000 hrs. LED Lumen Maintenance Estimates based on TM-21 projections for the light source at 25°C ambient. Power Factor > 0.90. Standard 120-277 Vac 0-10V dimmable (10%-100%) with optional 347 & 380 Vac step down transformers. Optional emergency battery backups available to meet critical life safety lighting requirements. Lumen and CCT Selectable fixtures allow for ease of adjustment with switches located on top side of driver. Lumen Selectable fixtures ship at the highest lumen output. CCT Selectable fixtures ship at 4000K.

INSTALLATION

Designed for a variety of mounting solutions including surface, wall, pendant and suspended. The fixture can be mounted in continuous rows. Factory installed cord options. See page 3 for additional detail. Knockouts mounted on back of fixture for electrical access and mounting.

OPTICS

High Transmission field-removable lens design, allowing for easy access to drivers and other internal components for maintenance purposes. Simplifying maintenance procedures, minimizing downtime and ensuring minimal disruption to the space.

CONTROLS

Factory installed Basic Sensor options available to maximize energy savings. Sensors are installed off the end cap of the fixture. Please see more information below on Page 3. Inquire with manufacturer for additional controls options, including customer supplied items.

CERTIFICATIONS

ETL Listed to US and Canadian safety standards. Suitable for damp locations. Title 24 Compliant with sensor option; see local ordinance for qualification information.

WARRANTY

5 Year Warranty Standard; 10 Year Warranty Optional ([Terms and Conditions apply](#)).

ORDERING GUIDE

PART # Example: VS4-5L-U-CCTS-NURO

SERIES	LUMENS	DRIVER	CCT	LENS	EMERGENCY
VS2 Value Strip 2ft	2L/3L/4L Lumen Selectable 2L 2,000 lm 3L 3,000 lm 4L 4,000 lm	U 120-277V	CCTS CCT Selectable (3500K, 4000K, 5000K)	FRL Frosted Acrylic Lens	BLANK None EM6 ^{1,2} Factory Installed 6W LED Battery Backup EM6/HE ^{1,2} 6W LED Battery Backup - CEC Title 20 Compliant EM6/HE/SD ^{1,2} 6W Self Diagnostic Battery Backup - CEC Title 20 Compliant EM10 ^{1,2} 10W LED Battery Backup EM10/HE ^{1,2} 10W Self Diagnostic Battery Backup EM10/HE/SD ^{1,2} 10W Self Diagnostic LED Battery Backup - CEC Title 20 Compliant EM12 ^{1,2} 12W LED Battery Backup
VS4 Value Strip 4ft	3L/4L/5L Lumen Selectable 5L/6L/7L Lumen Selectable 3L 3,000 lm 4L 4,000 lm 5L 5,000 lm 6L 6,000 lm 7L 7,000 lm				
VS8 Value Strip 8ft	7L/8L/9L Lumen Selectable 10L/11L/12L Lumen Selectable 7L 7,000 lm 8L 8,000 lm 9L 9,000 lm 10L 10,000 lm 11L 11,000 lm 12L 12,000 lm				

CONTROLS	STEP DOWN	MOUNTING	WIRING
BASIC BLANK None FIOS ³ On/Off Occupancy Sensor USBD ³ User Selectable Bi-Level Dim Sensor BDxx ³ Preset Bi-Level Dim Sensor (xx=%eg.20,30) BDxxPC ³ Preset Bi-Level Dim Sensor w/ Photocell DHPC ³ Daylight Harvesting ADVANCED NURO ^{11,12} NUROAir Integrated Bluetooth Groupable Sensor	BLANK None SD347 ¹ 347V Step Down Transformer SD480 ¹ 480V Step Down Transformer	BLANK None FMB/HUB 3/4 ⁶ Fixture Mounting Box with Conduit Hub 3/4" for Pendant Mount	BLANK None RW/3W ⁴ Wire Raceway Wiring Harness for continuous wiring through fixture (non-dimming) RW/5W ⁴ Wire Raceway Wiring Harness for continuous wiring through fixture (0-10V dimming)

CORD	WARRANTY
BLANK None Cx/yW Cord (x=Length;6,10,15) (y=# of conductors; 3,4,5,6) Cx/3W/L715P ⁹ 3 Wire factory installed cord with a L715P plug attached (x = Length; 6,10)	BLANK 5 Year 10YR ¹⁰ 10 Year

QUICK SHIP ACCESSORIES	
NURO-SW-3B-BA-BL-WP-V1	NUROAir Bluetooth 3-Key Wireless Battery Powered Wall Switch
NURO-SW-5B-BA-BL-WP-V1	NUROAir Bluetooth 5-Key Wireless Battery Powered Wall Switch
NURO-SW-7B-AC-BL-WP-V1	NUROAir Bluetooth 7-Key Line Voltage (AC 120-277V) Powered Wall Switch
+VS G3 ALBR	Alignment Bracket
+VSx G3 WC	Wire Cage (x = Length; 2,4,8)
+VS G3 WM45	45 Degree Angled Mounting Bracket Set
ACxY	Y-Toggle Aircraft Cable System (x=ft; 5 or 10)

FOOTNOTES

- ¹ Not available with VS2 models
- ² Not available with SD347 or SD480
- ³ Sensor mounted off end cap of fixture not suitable for continuous row mounting
- ⁴ Not compatible with end mounted sensors
- ⁵ Use with HUB for single point mounting
- ⁶ One required per 4ft section
- ⁷ Must be used with FMB
- ⁸ Used to align fixtures mounted in continuous rows. One needed between each fixture.
- ⁹ Not compatible with Emergency Battery Backup Options
- ¹⁰ Contact factory for more details
- ¹¹ Adds 2in to nominal fixture length. See line drawings for more detail
- ¹² Must be ordered with dedicated Lumen Output



QUICK SHIP ITEMS

PRODUCT	DESCRIPTION	DLC LISTING
VS2-2L/3L/4L-U-CCTS-FRL	Selectable Strip 2', Lumen Selectable -2,204 - 2,903 - 3,554, CCT Selectable -35-40-50K	Standard
VS4-3L/4L/5L-U-CCTS-FRL	Selectable Strip 4', Lumen Selectable -3,776 - 4,489 - 5,089, CCT Selectable -35-40-50K	Standard
VS4-5L/6L/7L-U-CCTS-FRL	Selectable Strip 4', Lumen Selectable -5,134 - 6,042 - 6,705, CCT Selectable -35-40-50K	Standard
VS8-7L/8L/9L-U-CCTS-FRL	Selectable Strip 8', Lumen Selectable -8,317 - 8,851 - 9,369, CCT Selectable -35-40-50K	Standard
VS8-10L/11L/12L-U-CCTS-FRL	Selectable Strip 8', Lumen Selectable -9,666 - 11,342 - 12,780, CCT Selectable -35-40-50K	Standard

QUICK SHIP ACCESSORIES

NURO-SW-3B-BA-BL-WP-V1	NUROAir Bluetooth 3-Key Wireless Battery Powered Wall Switch
NURO-SW-5B-BA-BL-WP-V1	NUROAir Bluetooth 5-Key Wireless Battery Powered Wall Switch
NURO-SW-7B-AC-BL-WP-V1	NUROAir Bluetooth 7-Key Line Voltage (AC 120-277V) Powered Wall Switch
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LED SYSTEMS INFO

LED SYSTEMS INFO ¹	3500K		4000K		5000K		Wattage ²	Replaces
	Part Number	Lumens	Efficacy	Lumens	Efficacy	Lumens		
VS2-2L/3L/4L-U-CCTS-FRL	2192/2891/3492	147/141/134	2322/2976/3715	156/153/148	2212/2917/3572	149/143/137	15/20/26	1T8/2T8/1T5HO
VS2-2L-U-CCTS-FRL	2192	147	2322	156	2212	149	15	1T8
VS2-3L-U-CCTS-FRL	2891	141	2976	153	2917	143	20	2T8
VS2-4L-U-CCTS-FRL	3492	134	3715	148	3572	137	26	1T5HO
VS4-3L/4L/5L-U-CCTS-FRL	3504/4165/4722	141/135/129	3776/4489/5089	162/156/148	3543/4211/4774	143/137/130	25/31/37	2T8/1T5HO/3T8
VS4-5L/6L/7L-U-CCTS-FRL	4760/5624/6210	140/148/138	5134/6042/6705	151/159/149	4862/5738/6345	143/151/141	34/38/45	1T5HO/3T8/2T5HO
VS4-3L-U-CCTS-FRL	3504	141	3776	162	3543	143	25	2T8
VS4-4L-U-CCTS-FRL	4165	135	4489	156	4211	137	31	1T5HO
VS4-5L-U-CCTS-FRL	4722	129	5089	148	4774	130	37	3T8
VS4-6L-U-CCTS-FRL	5624	148	6042	159	5738	151	38	3T8
VS4-7L-U-CCTS-FRL	6210	138	6705	149	6345	141	45	2T5HO
VS8-7L/8L/9L-U-CCTS-FRL	7658/8150/8627	136/133/130	8317/8851/9369	155/151/147	7946/8456/8951	140/137/134	56/61/66	1T12HO/2T5HO/2T5HO
VS8-10L/11L/12L-U-CCTS-FRL	9194/10788/12156	146/141/136	9666/11342/12780	161/155/150	9548/11203/12624	152/147/142	63/76/89	4T8/5T8/6T8
VS8-7L-U-CCTS-FRL	7658	136	8317	155	7946	140	56	1T12HO
VS8-8L-U-CCTS-FRL	8150	133	8851	151	8456	137	61	2T5HO
VS8-9L-U-CCTS-FRL	8627	130	9369	147	8951	134	66	2T5HO
VS8-10L-U-CCTS-FRL	9194	146	9666	161	9548	152	63	4T8
VS8-11L-U-CCTS-FRL	10788	141	11342	155	11203	147	76	4T8
VS8-12L-U-CCTS-FRL	12156	136	12780	150	12624	142	89	6T8

¹ Values are nominal, check IES file for more detail

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

CONTROLS OPTIONS

BASIC CONTROLS

FIOS

Standard on/off motion sensor. Comes with 360 degree high bay lens, 360 degree low bay lens & aisle lens. 360 degree high bay lens factory installed, unless notified otherwise.

BDxx

Factory set Bi-Level Dimming. 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.

DHPC

Daylight Harvesting off photocell. Fixtures will continually dim up/down throughout the day based on light level readings taken from the photocell control.

USBD

User Selectable Bi-Level Dimming. Allows the end user to manually select the unoccupied dimming level. Once motion is detected, the fixture will return to 100% light output.

BDxxPC

Factory set Bi-Level Dimming with motion and 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 and light level readings.

ADVANCED CONTROLS OPTIONS

NUROAir by ILLUMUS

NURO

NUROAir Integrated Bluetooth Sensor is the optimal groupable controls lighting solution. With main features such as PIR Motion Sensing, Occupancy/Vacancy, Bi-Level Dimming and Daylight Harvesting - this flexibility makes the NUROAir Integrated Sensor ideal for tailoring lighting to specific space needs, optimizing both ambiance and efficiency. The NUROAir App, available for download on iOS and Google Play Store, offers a user-friendly interface for automatic or manual customization of your space. Through the app, users can configure sensor settings such as the Light Output, CCT, Hold Time, Standby Time/Level, High/Low End Trim, Background Light Level, Set Schedules, and Control Lighting Groups or Zones, all from a mobile or tablet device. Manual control is also available with a range of compatible wireless & wired wall switch options.

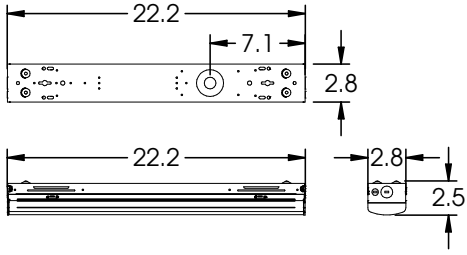


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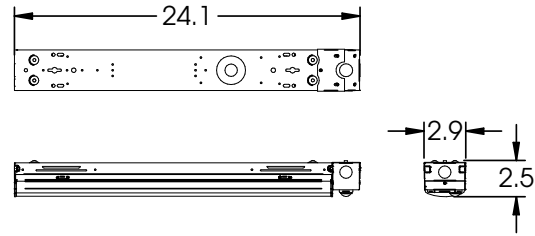
[NUROAir Bluetooth Controls](#)

LINE DRAWINGS

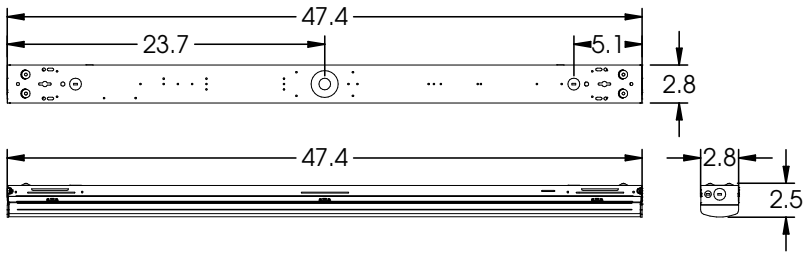
VS3.0 - 2 FT



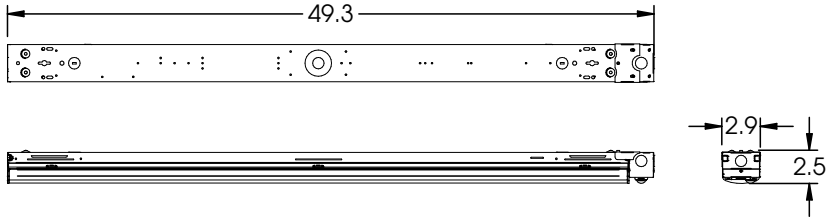
VS3.0 - 2 FT with NURO



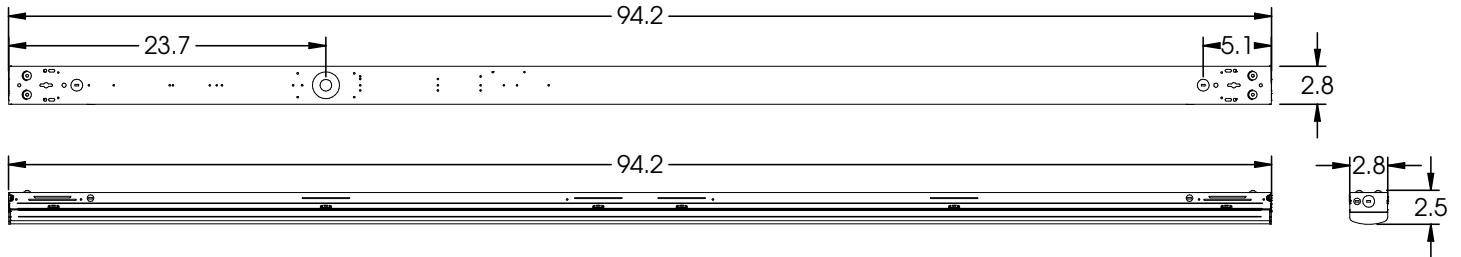
VS3.0 - 4 FT



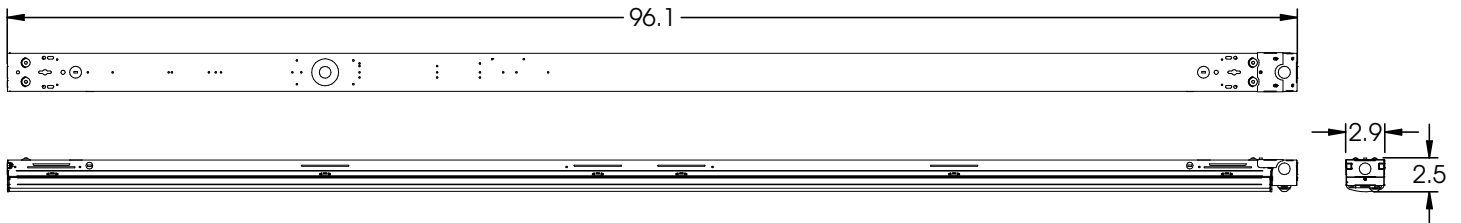
VS3.0 - 4 FT with NURO



VS3.0 - 8 FT

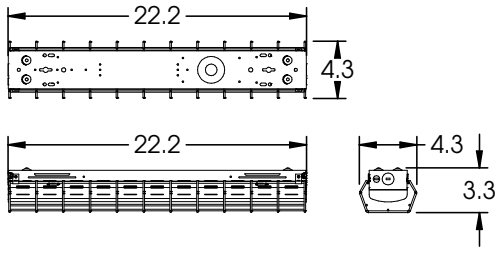


VS3.0 - 8 FT with NURO

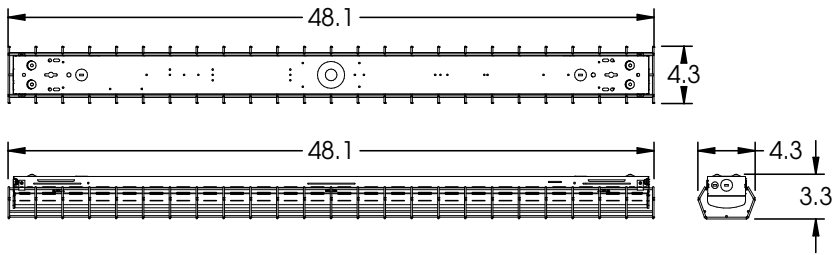


LINE DRAWINGS Continued

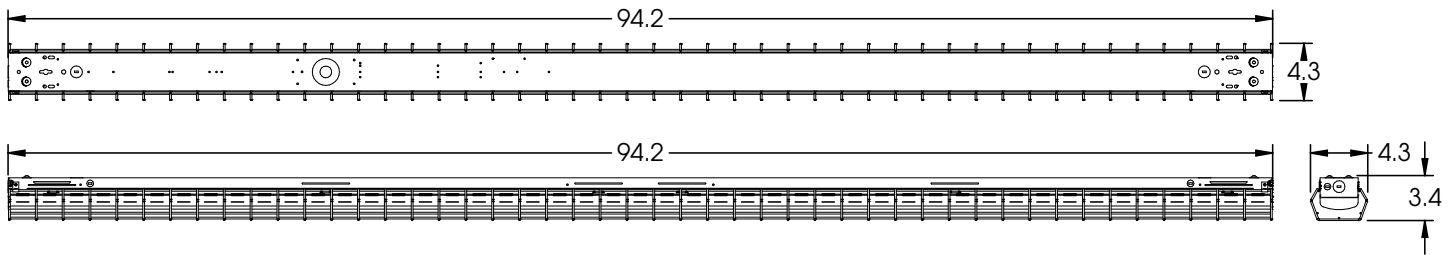
VS3.0 - with WIRE CAGE - 2 FT



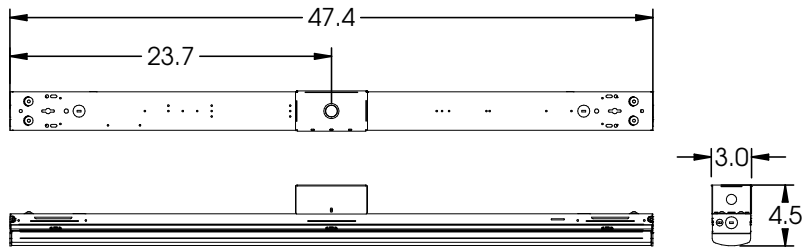
VS3.0 - with WIRE CAGE - 4 FT



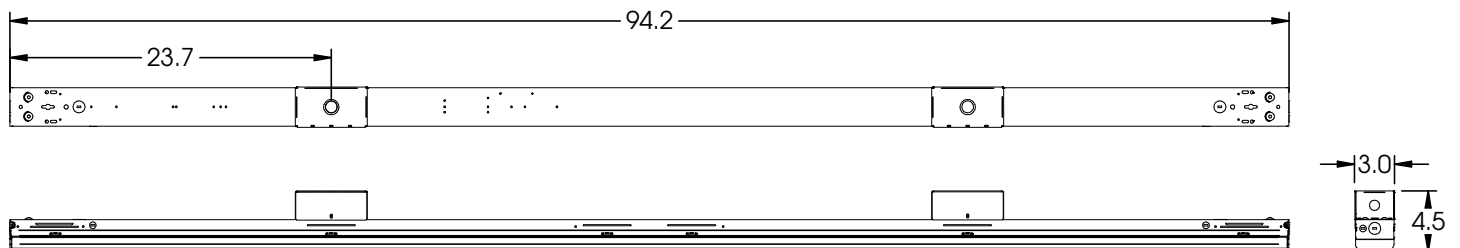
VS3.0 - with WIRE CAGE - 8 FT



VS3.0 - with FMB - 4 FT



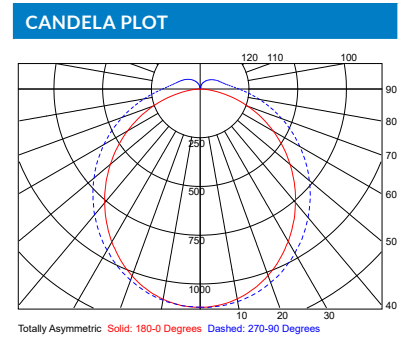
VS3.0 - with FMB - 8 FT



PHOTOMETRIC DATA

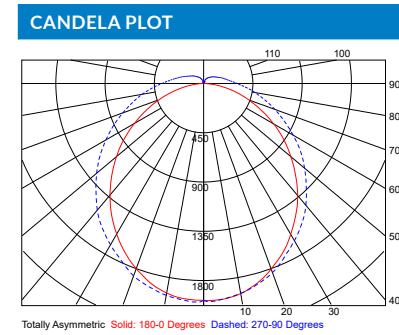
LUMINAIRE DATA	
Part Number	VS2-2L/3L/4L-U-CCTS-FRL
Description	2ft Value Strip, 4000lm, 4000K
Fixture Lumens (lm)	3,715 lm
Wattage (W)	25.1 W
Efficacy (lm/W)	148 lm/W
Mounting	Surface
Spacing Criteria	0° = 1.22, 90° = 1.30

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	1411	38%
0° - 60°	2505	67%
0° - 90°	3387	91%
90° - 180°	327	9%
0° - 180°	3715	100%



LUMINAIRE DATA	
Part Number	VS4-5L/6L/7L-U-CCTS-FRL
Description	4ft Value Strip, 7000lm, 4000K
Fixture Lumens (lm)	6,412 lm
Wattage (W)	42.8 W
Efficacy (lm/W)	150 lm/W
Mounting	Surface
Spacing Criteria	0° = 1.20, 90° = 1.26

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	2481	39%
0° - 60°	4373	68%
0° - 90°	5902	92%
90° - 180°	511	8%
0° - 180°	6412	100%



LUMINAIRE DATA	
Part Number	VS8-10L/11L/12L-U-CCTS-FRL
Description	8ft Value Strip, 12000lm, 4000K
Fixture Lumens (lm)	13202 lm
Wattage (W)	85.3 W
Efficacy (lm/W)	155 lm/W
Mounting	Surface
Spacing Criteria	0° = 1.20, 90° = 1.26

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	5108	39%
0° - 60°	9002	68%
0° - 90°	12150	92%
90° - 180°	1052	8%
0° - 180°	13202	100%

