

SYLVANIA Luminaires

UltraLED™ Strip

Application

Ideal in retrofit and new installations, the SYLVANIA UltraLED Strip Luminaire is intended for retail, manufacturing, warehouse, office, education, and low-bay applications.

Benefits and Features

- High efficiency LED design
- Available in 2ft, 4ft, and 8ft lengths
- Light engine and lens module feature toolless removal and secure snap-fit for fast, efficient installation
- Diffuse acrylic lens delivers smooth, even illumination
- Knock-outs on both ends of fixture facilitate through wiring
- Optional joiner bracket facilitates end-to-end mounting
- Microwave Motion/Daylight sensor and 8W Battery Back-up options increase the versatility of this product line
- DLC Premium listing maximizes rebate opportunities
- Split junction box cover and V-hook mounting bracket included
- Up to 130 LPW
- 3500K, 4000K, or 5000K color temperatures
- CRI >80
- White powder coated metal body
- THD <20%

Electrical

- 120-277V_{AC} or 120-347V_{AC} (see ordering guide for further information)
- Power Factor >90%
- 0-10V Dimmable down to 10%

Rated Life

- 100,000 hours (L₇₀) @25°C

Warranty

- 5-year
- NLB Trusted Warranty Program

Ambient Operating Range

- -13°F to +104°F (-25°C to +40°C)

Item #
Type
Project
Notes
Date



Wattage Comparison

Size	Strip Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
2'	1x32W Fluorescent	28	22	21%
	1x32W Fluorescent	28	22	21%
4'	2x28W Fluorescent	49	34	31%
	2x32W Fluorescent	56	44	21%
	2x32W Fluorescent	56	44	21%
8'	2x54W Fluorescent	87	68	22%
	2x54W Fluorescent	131	96	27%

Certifications and Listings


- cULus
- RoHS
- FCC
- DLC Premium
- UL damp location rated

Installation

- Can be surface mounted or suspended
- V-hook mounting bracket included
- Split Junction Box cover included
- Fixtures can be joined end-to-end using the optional joiner bracket
- For additional mounting accessory options, reference the Accessories section of this document



Ordering Information (continued)

Item Number	Ordering Abbreviation	Wattage (W)	Input Voltage (V)	Dimming	CRI	Color Temperature (CCT)	Size	Total Fixture Lumens	LPW	DLC	Options	 MTO*
65188	STRIP2A/034UNVD835/48U/WH/DE	34	120-277	0-10V	>80	3500K	4ft	4420	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65189	STRIP2A/034UNVD840/48U/WH/DE	34	120-277	0-10V	>80	4000K	4ft	4420	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65190	STRIP2A/034UNVD850/48U/WH/DE	34	120-277	0-10V	>80	5000K	4ft	4420	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65191	STRIP2A/044UNVD835/48U/WH/DE	44	120-277	0-10V	>80	3500K	4ft	5720	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65192	STRIP2A/044UNVD840/48U/WH/DE	44	120-277	0-10V	>80	4000K	4ft	5720	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65193	STRIP2A/044UNVD850/48U/WH/DE	44	120-277	0-10V	>80	5000K	4ft	5720	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65194	STRIP2A/044UNVD835/96U/WH/DE	44	120-277	0-10V	>80	3500K	8ft	5720	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65195	STRIP2A/044UNVD840/96U/WH/DE	44	120-277	0-10V	>80	4000K	8ft	5720	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65196	STRIP2A/044UNVD850/96U/WH/DE	44	120-277	0-10V	>80	5000K	8ft	5720	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65200	STRIP2A/068UNVD835/96U/WH/DE	68	120-277	0-10V	>80	3500K	8ft	8840	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65201	STRIP2A/068UNVD840/96U/WH/DE	68	120-277	0-10V	>80	4000K	8ft	8840	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65202	STRIP2A/068UNVD850/96U/WH/DE	68	120-277	0-10V	>80	5000K	8ft	8840	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65206	STRIP2A/096UNVD835/96U/WH/DE	96	120-277	0-10V	>80	3500K	8ft	12,480	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65207	STRIP2A/096UNVD840/96U/WH/DE	96	120-277	0-10V	>80	4000K	8ft	12,480	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes
65208	STRIP2A/096UNVD850/96U/WH/DE	96	120-277	0-10V	>80	5000K	8ft	12,480	130	Prm	Motion/Daylight Sensor + Emergency Battery Back-up ¹	Yes

*Made To Order

¹ Emergency Battery Back-up provides 1000 lumens for a period of 90 minutes

Photometric Data

Average Illuminance (FC) at 30" AFF and avg/min uniformity
80/50/20 Reflectances*

	7 ft Mounting Height			10 ft Mounting Height			13 ft Mounting Height		
	On Center Luminaire Spacing								
	8'x10'	10'x10'	10'x12'	8'x10'	10'x10'	10'x12'	8'x10'	10'x10'	10'x12'
2 ft 22W	36.8/1.4	29.9/1.2	26.7/1.6	35.5/1.5	29.5/1.4	25.8/1.3	33.1/1.6	27.5/1.5	24.1/1.2
4 ft 22W	39.3/1.4	32.5/1.2	29.3/1.7	37.9/1.5	31.5/1.4	27.6/1.3	35.4/1.6	29.4/1.5	25.7/1.3
4 ft 34W	55.8/1.4	46.1/1.2	41.6/1.7	53.8/1.5	44.7/1.4	39.2/1.3	50.2/1.6	41.7/1.5	36.5/1.2
4 ft 44W	71.5/1.4	59.1/1.2	53.3/1.7	68.9/1.5	57.3/1.4	50.1/1.3	64.3/1.6	53.4/1.5	46.8/1.2
8 ft 44W	74.5/1.4	63.5/1.3	58.1/1.9	72.4/1.6	61.0/1.4	53.6/1.4	68.1/1.7	56.9/1.6	50.1/1.3
8 ft 68W	109.1/1.4	90.8/1.2	82.2/1.8	106.5/1.5	89.5/1.4	78.5/1.3	100.2/1.6	83.6/1.5	73.1/1.3
8 ft 96W	148.7/1.4	127.2/1.3	116.1/1.9	144.8/1.5	122.0/1.4	107.1/1.4	136.0/1.6	113.9/1.5	100.2/1.3

	12 ft Mounting Height			16 ft Mounting Height			20 ft Mounting Height		
	On Center Luminaire Spacing								
	16ft	18ft	20ft	16ft	18ft	20ft	16ft	18ft	20ft
2 ft 22W	84.1/1.8	82.8/1.5	79.4/1.6	77.2/1.7	76.0/1.5	73.5/1.4	70.8/1.7	69.4/1.6	67.3/1.5
4 ft 22W	45.1/1.8	44.4/1.5	42.6/1.6	41.4/1.7	40.8/1.5	39.4/1.4	38.0/1.7	37.3/1.6	36.1/1.5
4 ft 34W	64.1/1.8	63.0/1.5	60.5/1.6	58.8/1.7	57.9/1.5	56.0/1.4	54.0/1.7	52.9/1.6	51.3/1.5
4 ft 44W	82.1/1.8	80.7/1.5	77.5/1.6	75.3/1.7	74.2/1.5	71.7/1.4	69.2/1.7	67.8/1.6	65.7/1.5
8 ft 44W	44.2/1.9	43.7/1.6	41.8/1.7	40.9/1.8	40.2/1.6	38.8/1.5	37.8/1.8	37.0/1.5	35.8/1.6
8 ft 68W	65.9/1.9	64.6/1.6	62.5/1.6	60.8/1.8	59.4/1.5	57.6/1.4	55.9/1.7	54.9/1.6	52.9/1.5
8 ft 96W	88.3/1.9	87.3/1.6	83.6/1.7	81.8/1.8	80.4/1.6	77.5/1.4	75.4/1.7	73.9/1.6	71.5/1.5

*Continuous rows within a room with no objects or obstructions.

DLC Listing

Item Number	Ordering Abbreviation	Linear Ambient	Stairwell/Passageway	Low Bay	High Bay
65209	STRIP2A/022UNHD835/24U/WH	PLMCYTRM3YR2			
65210	STRIP2A/022UNHD840/24U/WH	PL15S2GCO4KH			
65211	STRIP2A/022UNHD850/24U/WH	PLORPT7C90PJ			
65128	STRIP2A/022UNHD835/24U/WH/D	PLMCYTRM3YR2	PLIDZE54LAZS		
65129	STRIP2A/022UNHD840/24U/WH/D	PL15S2GCO4KH	PLEI2VWTP8ML		
65130	STRIP2A/022UNHD850/24U/WH/D	PLORPT7C90PJ	PLNSEBQQELK4		
65176	STRIP2A/022UNHD835/48U/WH	PLD9XQ5ZE223			
65177	STRIP2A/022UNHD840/48U/WH	PLG28R80T5HH			
65178	STRIP2A/022UNHD850/48U/WH	PL4JB0G9Q6Y9			
65179	STRIP2A/022UNHD835/48U/WH/D	PLD9XQ5ZE223	PLLGFV63HLBJ		
65180	STRIP2A/022UNHD840/48U/WH/D	PLG28R80T5HH	PLN4DX4FF678		
65181	STRIP2A/022UNHD850/48U/WH/D	PL4JB0G9Q6Y9	PLEX9FLEFOFL		
65182	STRIP2A/022UNVD835/48U/WH/E	PLY332U2EPS0			
65183	STRIP2A/022UNVD840/48U/WH/E	PLJ4KPIV2TIZ			
65184	STRIP2A/022UNVD850/48U/WH/E	PL59YCOPE2WC			
65185	STRIP2A/022UNVD835/48U/WH/DE	PLY332U2EPS0	PL2UB5JFXAN9		
65186	STRIP2A/022UNVD840/48U/WH/DE	PLJ4KPIV2TIZ	PLKRN67NQDEZ		
65187	STRIP2A/022UNVD850/48U/WH/DE	PL59YCOPE2WC	PLQ7SHZ8U4VI		
65212	STRIP2A/034UNHD835/48U/WH	PLD56KSHR55C			
65213	STRIP2A/034UNHD840/48U/WH	PL3KWUJ1K2L2			
65214	STRIP2A/034UNHD850/48U/WH	PLH72AS522AN			
65131	STRIP2A/034UNHD835/48U/WH/D	PLD56KSHR55C	PL2XY1ZVTKD8		
65132	STRIP2A/034UNHD840/48U/WH/D	PL3KWUJ1K2L2	PLZTJ9R8DAPC		
65133	STRIP2A/034UNHD850/48U/WH/D	PLH72AS522AN	PLRZZAG9M80G		
65155	STRIP2A/034UNVD835/48U/WH/E	PL8DPX0T1M9Q			
65156	STRIP2A/034UNVD840/48U/WH/E	PLR1G4KD3RAI			
65157	STRIP2A/034UNVD850/48U/WH/E	PLAVJRKAC7GZ			
65188	STRIP2A/034UNVD835/48U/WH/DE	PL8DPX0T1M9Q	PL96JLVQXPKA		
65189	STRIP2A/034UNVD840/48U/WH/DE	PLR1G4KD3RAI	PLHFOE1N65IR		
65190	STRIP2A/034UNVD850/48U/WH/DE	PLAVJRKAC7GZ	PL4ESOXE4EUW		
65215	STRIP2A/044UNVD835/48U/WH	PL6K30YHYRMO		PLZ6CT3CVL9P	
65216	STRIP2A/044UNVD840/48U/WH	PLOWWWSGB443R		PLNR4P7M67CR	
65217	STRIP2A/044UNVD850/48U/WH	PL8BUM8EQR8M		PL0L35Q0ZDKT	
65134	STRIP2A/044UNVD835/48U/WH/D	PL6K30YHYRMO	PLZ1YKDYBC4G	PLZ6CT3CVL9P	
65135	STRIP2A/044UNVD840/48U/WH/D	PLOWWWSGB443R	PLCRNHA3FY8G	PLNR4P7M67CR	
65136	STRIP2A/044UNVD850/48U/WH/D	PL8BUM8EQR8M	PLMQCTZYSKT1	PL0L35Q0ZDKT	
65158	STRIP2A/044UNVD835/48U/WH/E	PL6K30YHYRMO		PLZ6CT3CVL9P	
65159	STRIP2A/044UNVD840/48U/WH/E	PLOWWWSGB443R		PLNR4P7M67CR	
65160	STRIP2A/044UNVD850/48U/WH/E	PL8BUM8EQR8M		PL0L35Q0ZDKT	
65191	STRIP2A/044UNVD835/48U/WH/DE	PL6K30YHYRMO	PLZ1YKDYBC4G	PLZ6CT3CVL9P	
65192	STRIP2A/044UNVD840/48U/WH/DE	PLOWWWSGB443R	PLCRNHA3FY8G	PLNR4P7M67CR	
65193	STRIP2A/044UNVD850/48U/WH/DE	PL8BUM8EQR8M	PLMQCTZYSKT1	PL0L35Q0ZDKT	
65218	STRIP2A/044UNVD835/96U/WH	PL5DM4DYE0B4		PLREFV9Z9OUL	
65219	STRIP2A/044UNVD840/96U/WH	PL4Q19G01APW		PLDGGPF7LFCAE	
65220	STRIP2A/044UNVD850/96U/WH	PLGEOXWU0E1Z		PLZCDSRXNTI4	
65137	STRIP2A/044UNVD835/96U/WH/D	PL5DM4DYE0B4		PLREFV9Z9OUL	
65138	STRIP2A/044UNVD840/96U/WH/D	PL4Q19G01APW		PLDGGPF7LFCAE	
65139	STRIP2A/044UNVD850/96U/WH/D	PLGEOXWU0E1Z		PLZCDSRXNTI4	
65161	STRIP2A/044UNVD835/96U/WH/E	PL5DM4DYE0B4		PLREFV9Z9OUL	
65162	STRIP2A/044UNVD840/96U/WH/E	PL4Q19G01APW		PLDGGPF7LFCAE	
65163	STRIP2A/044UNVD850/96U/WH/E	PLGEOXWU0E1Z		PLZCDSRXNTI4	
65194	STRIP2A/044UNVD835/96U/WH/DE	PL5DM4DYE0B4		PLREFV9Z9OUL	
65195	STRIP2A/044UNVD840/96U/WH/DE	PL4Q19G01APW		PLDGGPF7LFCAE	
65196	STRIP2A/044UNVD850/96U/WH/DE	PLGEOXWU0E1Z		PLZCDSRXNTI4	
65224	STRIP2A/068UNHD835/96U/WH	PLB1PJZ8INNZ		PLOV3SRMEINH	
65225	STRIP2A/068UNHD840/96U/WH	PLQMW9KYSF2M		PLTWJWDJYKLM	
65226	STRIP2A/068UNHD850/96U/WH	PLAWMU5UPLI4		PLILDNA5AUS0	
65143	STRIP2A/068UNHD835/96U/WH/D	PLB1PJZ8INNZ		PLOV3SRMEINH	
65144	STRIP2A/068UNHD840/96U/WH/D	PLQMW9KYSF2M		PLTWJWDJYKLM	
65145	STRIP2A/068UNHD850/96U/WH/D	PLAWMU5UPLI4		PLILDNA5AUS0	
65167	STRIP2A/068UNVD835/96U/WH/E	PLYWZJ7BN3IB		PLAEL4H9AMD0	
65168	STRIP2A/068UNVD840/96U/WH/E	PLSE3YAW1AZ6		PL31K580UH2F	
65169	STRIP2A/068UNVD850/96U/WH/E	PLY1LB78KOLX		PLOWOR8REOTT	
65200	STRIP2A/068UNVD835/96U/WH/DE	PLYWZJ7BN3IB		PLAEL4H9AMD0	
65201	STRIP2A/068UNVD840/96U/WH/DE	PLSE3YAW1AZ6		PL31K580UH2F	
65202	STRIP2A/068UNVD850/96U/WH/DE	PLY1LB78KOLX		PLOWOR8REOTT	
65230	STRIP2A/096UNVD835/96U/WH	PL9Z993A3YZJ			PLJFMVPCFE18
65231	STRIP2A/096UNVD840/96U/WH	PLFHG96QCD18			PLQI70E9001V
65232	STRIP2A/096UNVD850/96U/WH	PLQC58MI5E8Q			PLZRBK6CXUE9
65149	STRIP2A/096UNVD835/96U/WH/D	PL9Z993A3YZJ			PLJFMVPCFE18
65150	STRIP2A/096UNVD840/96U/WH/D	PLFHG96QCD18			PLQI70E9001V
65151	STRIP2A/096UNVD850/96U/WH/D	PLQC58MI5E8Q			PLZRBK6CXUE9
65173	STRIP2A/096UNVD835/96U/WH/E	PL9Z993A3YZJ			PLJFMVPCFE18
65174	STRIP2A/096UNVD840/96U/WH/E	PLFHG96QCD18			PLQI70E9001V
65175	STRIP2A/096UNVD850/96U/WH/E	PLQC58MI5E8Q			PLZRBK6CXUE9
65206	STRIP2A/096UNVD835/96U/WH/DE	PL9Z993A3YZJ			PLJFMVPCFE18
65207	STRIP2A/096UNVD840/96U/WH/DE	PLFHG96QCD18			PLQI70E9001V
65208	STRIP2A/096UNVD850/96U/WH/DE	PLQC58MI5E8Q			PLZRBK6CXUE9

Accessories

Item Number	Ordering Abbreviation	Item Description
65302	STRIP2A/JOINBRKT	End-to-End Joiner Bracket
65305	STRIP2A/REMOTE	Remote Control for Sensor
60573	LNHIBA2A/CHAINMT	Chain Mount (5 foot, 1 pair)
60574	LNHIBA2A/ACCABLEMT	Cable Mount (5 foot, 1 pair)
65416	STRIP2A/2/WG/WH	2ft Wire Guard
65417	STRIP2A/4/WG/WH	4ft Wire Guard
65418	STRIP2A/8/WG/WH	8ft Wire Guard



65305
Sensor
Remote



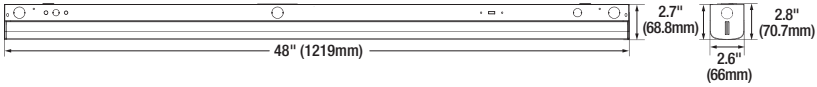
Physical Information

Lamp Description	Length	Width	Height
2' model	24" (610mm)	2.6" (66mm)	2.8" (70.7mm)
4' model	48" (1219mm)	2.6" (66mm)	2.8" (70.7mm)
8' model	96" (2438mm)	2.6" (66mm)	2.8" (70.7mm)

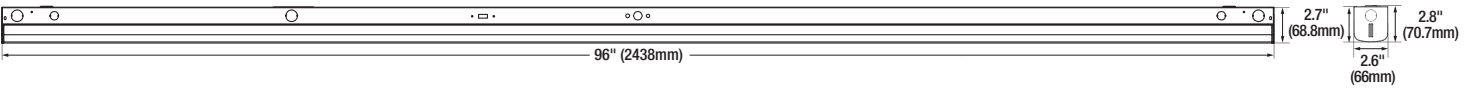
2' Model



4' Model

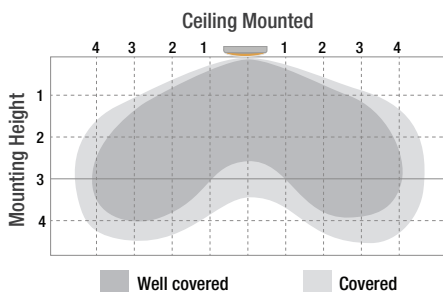


8' Model



Sensor Options Information

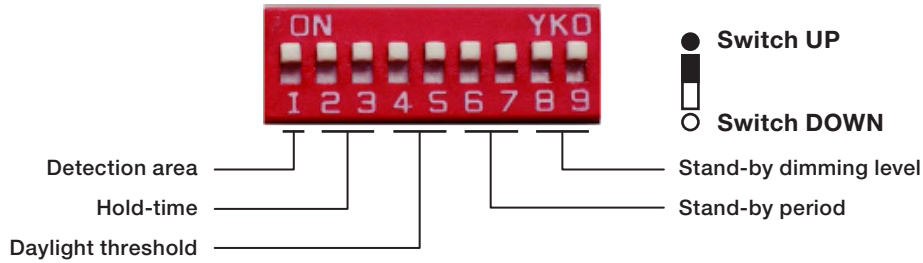
Detection Range*



Typical installation height 2.5-4m; units are shown in meters.

This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

DIP Switch Settings



<input checked="" type="radio"/>	100%
<input type="radio"/>	50%

Detection area

In this area, movement will be detected and able to trigger the sensor. 100% detection area is also known as the strong sensitivity.

<input checked="" type="radio"/>	<input checked="" type="radio"/>	10s
<input checked="" type="radio"/>	<input type="radio"/>	1min
<input type="radio"/>	<input checked="" type="radio"/>	5min
<input type="radio"/>	<input type="radio"/>	10min

Hold-time

The period of light keeping 100% brightness after moving objects leave the detection area.

<input checked="" type="radio"/>	<input checked="" type="radio"/>	Disable
<input checked="" type="radio"/>	<input type="radio"/>	50lux
<input type="radio"/>	<input checked="" type="radio"/>	30lux
<input type="radio"/>	<input type="radio"/>	10lux

Daylight threshold

Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor works everytime it detects motion regardless the ambient brightness.

<input checked="" type="radio"/>	<input checked="" type="radio"/>	1min
<input checked="" type="radio"/>	<input type="radio"/>	30min
<input type="radio"/>	<input checked="" type="radio"/>	60min
<input type="radio"/>	<input type="radio"/>	+∞

Stand-by period

The period of light keeping low output before it's completely switched off. When it's preset as "∞", the light always keep at low output if no movement in the detection area and doesn't turn off.

<input checked="" type="radio"/>	<input checked="" type="radio"/>	10%
<input checked="" type="radio"/>	<input type="radio"/>	20%
<input type="radio"/>	<input checked="" type="radio"/>	30%
<input type="radio"/>	<input type="radio"/>	50%

Stand-by dimming level

The definition of low output in the standby period.

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