

SYLVANIA Luminaires

ValueLED™ Dual Selectable Strip 1B

Application

These SYLVANIA CCT and wattage selectable ValueLED Strip 1B fixtures are ideal in new or retrofit installations. They can be used in retail, manufacturing, warehouse, office, education, low-bay, and general lighting applications.

Benefits and Features

- High efficiency LED light source
- 2-foot , 4-foot, and 8-foot versions
- Three wattage selections per type:
 - 2ft; 10/15/20W selectable
 - 4ft; 20/30/40W selectable
 - 8ft; 40/60/80W selectable
- Diffuse acrylic lens delivers smooth, even illumination
- White powder-coated metal body
- Light engine and lens module feature toolless removal and secure snap-fit for fast, efficient installation
- Knock-outs on both ends of fixture facilitate through wiring
- External Microwave Motion/Daylight sensor and Internal Battery Back-up options
- Optional joiner bracket facilitates end-to-end mounting
- DLC 5.1 Standard listed for rebate opportunities
- Up to 117 LPW
- 3500K, 4000K or 5000K selectable
- CRI >80
- Energy savings up to 64%

Electrical

- 120-277VAC
- Power Factor >0.9
- THD <20%
- 0-10V dimmable down to 10%

Rated Life

- 75,000 hours (L₇₀)

Warranty

- 5-year
- NLB Trusted Warranty Program

Operating Temperature

- -4°F to +104°F (-20°C to +40°C)



Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
1X32W T8	28	10	64%
2X28W T8	49	20	59%
2X32W T8	56	30	46%
3X28W T8	64	40	38%
3X32W T8	75	50	47%
2X54W T5	87	60	31%
4X28W T8	97	70	38%
4X32W T8	112	80	29%

Certifications and Listings

- cULus
- RoHS
- FCC
- DLC 5.1
- UL damp location rated
- cULus listed to UL1598 and CSA C22.2 luminaire standards

Installation

- Can be surface mounted or suspended
- V-hook included
- Fixtures can be joined end-to-end using the optional joiner bracket
- Suitable for installation within clothes closet storage spaces when installed per NEC 410.16 requirements



Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

STRIP	1B	/ SXXX	UNV	D	8	SC7	/ XX	S	/ WH	/ XX
Product Name	Generation	Selectable Wattage*	Voltage	Dimming	CRI	Color Temp	Length	Mounting	Color/Finish	Options
STRIP = Strip	1B = Generation	S020 = 10, 15 or 20W	120-277V	D = 0-10V	8 = >80	SC7 = 3500, 4000 or 5000K	24 = 24" 48 = 48" 96 = 96"	S = Surface mount	WH = White	D = Daylight/Motion Sensor E = Emergency Battery Back-Up DE = Daylight/Motion Sensor + Emergency Battery Back-Up
luminaire	1B	S040 = 20, 30 or 40W S080 = 40, 60 or 80W								

*Luminaires ship with the default setting at the highest wattage and 4000K.

Ordering Information

Item Number	Ordering Abbreviation	Power (W)	Input Voltage (V)	Dimming	CRI	Color Temperature	Total Fixture Lumens (lm)	LPW	Size	DLC	Options	MT0*
62351	STRIP1B/S020UNVD8SC7/24S/WH	10/15/20	120-277V	0-10V	>80	3500/4000/5000K	1150/1725/2300	116	2ft	Std	—	—
62352	STRIP1B/S040UNVD8SC7/48S/WH	20/30/40	120-277V	0-10V	>80	3500/4000/5000K	2300/3450/4600	116	4ft	Std	—	—
62353	STRIP1B/S080UNVD8SC7/96S/WH	40/60/80	120-277V	0-10V	>80	3500/4000/5000K	4600/6900/9200	117	8ft	Std	—	—
62422	STRIP1B/S020UNVD8SC7/24S/WH/D	10/15/20	120-277V	0-10V	>80	3500/4000/5000K	1150/1725/2300	116	2ft	Std	Motion/Daylight Sensor**	MTO
62423	STRIP1B/S040UNVD8SC7/48S/WH/D	20/30/40	120-277V	0-10V	>80	3500/4000/5000K	2300/3450/4600	116	4ft	Std	Motion/Daylight Sensor**	MTO
62424	STRIP1B/S080UNVD8SC7/96S/WH/D	40/60/80	120-277V	0-10V	>80	3500/4000/5000K	4600/6900/9200	117	8ft	Std	Motion/Daylight Sensor**	MTO
62425	STRIP1B/S040UNVD8SC7/48S/WH/E	20/30/40	120-277V	0-10V	>80	3500/4000/5000K	2300/3450/4600	116	4ft	Std	Emergency Battery Back-up***	MTO
62426	STRIP1B/S080UNVD8SC7/96S/WH/E	40/60/80	120-277V	0-10V	>80	3500/4000/5000K	4600/6900/9200	117	8ft	Std	Emergency Battery Back-up***	MTO
62427	STRIP1B/S040UNVD8SC7/48S/WH/DE	20/30/40	120-277V	0-10V	>80	3500/4000/5000K	2300/3450/4600	116	4ft	Std	Motion/Daylight Sensor* + Emergency Battery Back-up***	MTO
62428	STRIP1B/S080UNVD8SC7/96S/WH/DE	40/60/80	120-277V	0-10V	>80	3500/4000/5000K	4600/6900/9200	117	8ft	Std	Motion/Daylight Sensor* + Emergency Battery Back-up***	MTO

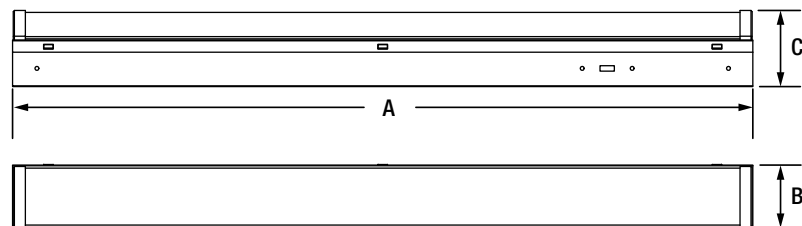
*Made To Order

**Motion Sensor settings can only be changed using Remote Control 65305 or 60105.

***EMBB Provides 900 lumens for 90 minutes.

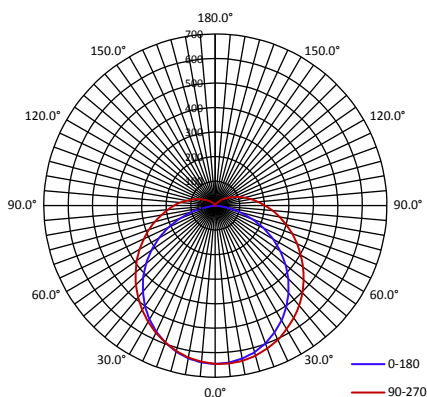
Physical Information

Description	(A) Length (in)	(B) Width (in)	(C) Height (in)
2ft	24.02	2.05	2.48
4ft	48.00	2.05	2.48
8ft	95.98	2.05	2.48

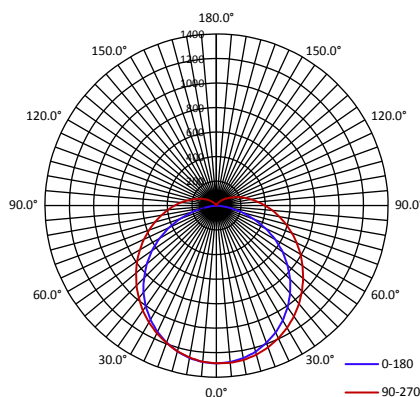


Photometric Data

20W 2ft



40W 4ft



Accessory Information

Item Number	Ordering Abbreviation	Description
62358	STRIP1B/JOINBRKT	End-to-End joiner bracket
60105	HIBAY2A/REMOTE*	Standard Remote Control for motion sensor
65305	STRIP2A/REMOTE*	Remote Control with digital readout for sensors

*Motion Sensor settings can only be changed using a Remote Control.

65305
Sensor
Remote



62358 Joiner Bracket

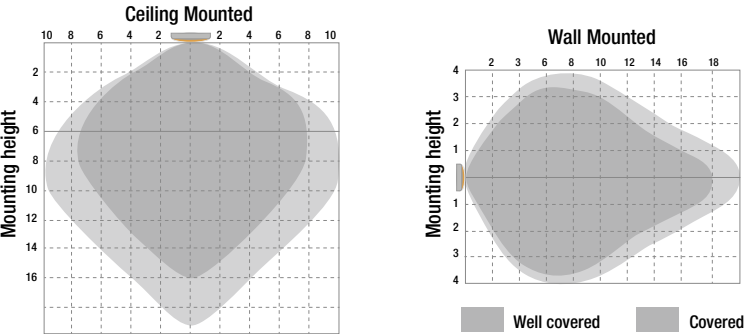


Optional Motion Detector Information (default settings*)

Detection Area	100%
Hold Time	5 minutes
Daylight Threshold	50 lux
Stand-by Period	30 minutes
Stand-by Dimming Level	30%

*Motion Sensor settings can only be changed using a Remote Control.

Detection Range*



*the units for the detection range charts indicate 'meters.'

Optional LEDVANCE LINK™ Accessories

Field Installable compatible components



Benefits and Features

- The LEDVANCE LINK™ Bluetooth® Mesh Low Voltage components use Bluetooth® technology for easy and secure wireless communication
- Enables regular LEDVANCE luminaires to become Bluetooth® enabled and allows for luminaires to be turned on/off and dimmed (manual or auto)
- Components can be used up to 40ft height
- Control using either the LEDVANCE LINK™ app or the wireless wall controller



Ordering Information

Item Number	Ordering Abbreviation	Description
63631	POWERPACKOUT2.5AUNVBLE	Bluetooth® Mesh Power Pack – Internally BLE enables fixture
62630	ADAPTER/AUX12V/BLE	Bluetooth® Mesh low voltage controller – Externally BLE enables fixture (requires 12V supply)
62634	SENSORHB/PIRAUX12V/BLE	Bluetooth® Mesh low voltage sensor & controller Bluetooth® – Externally BLE enabled daylight/motion sensor (requires 12V supply)

Click or scan QR code for more information on LEDVANCE LINK™



COMMISSIONING GUIDE



62630



62634



63631

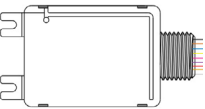
Compatible Products

Item Number	Ordering Abbreviation	Description
62636	WALLSWITCH5KEYBLE	Bluetooth® Mesh Low Voltage 5 Button Switch
62637	SIDEADAPTERAUX	3.5mm Pin L-shaped Receptacle

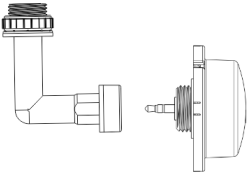


Physical Information

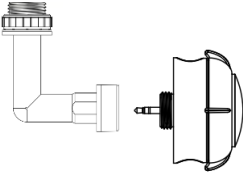
LINK CONTROLLER (62631) mounts on a ½" knock out.



LINK CONTROLLER (62630 + 62637) mounts on a ½" knock out.



LINK SENSOR/CONTROLLER (62634 + 62637) mounts on a ½" knock out.



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