



PRODUCT
CODE(S):

NOTES:

TYPE:

Interactive PDF. Click to type.

ST Linear Strip Lights

Power and 3CCT Selectable | 120-347V | 2', 4', 8'

Select 4ft Models Complete With Built-in Motion Sensor!

Designed for quick and easy installation! Ideal for shops, cove lighting, and general area lighting. Surface or suspension mount, linkable, and row mountable*

Power Selectable*

3 power settings per product

Quick Release Lens

opens and closes without using tools

3CCT Selectable

3500K / 4000K / 5000K

Internal 0-10V Dimming

12V auxiliary control

Cover Secured to Base via Aircraft Cables

for ease of installation

Built-in Microwave Motion Sensor**

behind the lens on product codes
ending in MS02-MW

Low-Glare Polycarbonate Lens

for high durability

Plug & Play Row Mount Kit

Row Mount Kit sold separately



Included in Box:

Junction Box Cover, Dry Wall Anchor, Screws, V-hooks



LIGHT SPECIFICATIONS AND ELECTRICAL



PRODUCT CODE	WATTS	CCT	LUMENS	EFFICACY	CRI	FACTORY SETTINGS	MAX CURRENT
ST2B-20W-3CCT-UD	20W	3500K	2900 lm	145 lm/W	85	20W 4000K	0.6A
		4000K	2900 lm	145 lm/W			
		5000K	2900 lm	145 lm/W			
ST4B-35W-3P-3CCT-UD	20W	3500K	2900 lm	145 lm/W	80	35W 4000K	0.4A
		4000K	2900 lm	145 lm/W			
		5000K	2900 lm	145 lm/W			
	25W	3500K	3625 lm	145 lm/W			
		4000K	3625 lm	145 lm/W			
		5000K	3625 lm	145 lm/W			
	35W	3500K	5075 lm	145 lm/W			
		4000K	5075 lm	145 lm/W			
		5000K	5075 lm	145 lm/W			
ST4B-40W-3P-3CCT-UD ST4B-40W-3P-3CCT-UD-MS02-MW	20W	3500K	2908 lm	145 lm/W	86	40W 4000K	0.4A
		4000K	3001 lm	150 lm/W			
		5000K	2947 lm	147 lm/W			
	30W	3500K	4350 lm	145 lm/W			
		4000K	4350 lm	145 lm/W			
		5000K	4350 lm	145 lm/W			
	40W	3500K	5800 lm	145 lm/W			
		4000K	5800 lm	145 lm/W			
		5000K	5800 lm	145 lm/W			
ST4B-50W-3P-3CCT-UD ST4B-50W-3P-3CCT-UD-MS02-MW	30W	3500K	4740 lm	158 lm/w	80	50W 4000K	0.46A
		4000K	4950 lm	165 lm/w			
		5000K	4830 lm	161 lm/w			
	40W	3500K	6120 lm	153 lm/w			
		4000K	6400 lm	160 lm/w			
		5000K	6240 lm	156 lm/w			
	50W	3500K	7500 lm	150 lm/w			
		4000K	7850 lm	157 lm/w			
		5000K	7650 lm	153 lm/w			

ST8B-70W-3P-3CCT-UD	50W	3500K	7866 lm	157 lm/W	86	70W 4000K	0.8A
		4000K	8351 lm	167 lm/W			
		5000K	7979 lm	160 lm/W			
	60W	3500K	9139 lm	152 lm/W			
		4000K	9722 lm	162 lm/W			
		5000K	9275 lm	155 lm/W			
	70W	3500K	10500 lm	150 lm/W			
		4000K	10992 lm	157 lm/W			
		5000K	10471 lm	150 lm/W			
ST8B-100W-3P-3CCT-UD	60W	3500K	9480 lm	158 lm/W	>80	100W 4000K	0.92A
		4000K	9900 lm	165 lm/W			
		5000K	9660 lm	161 lm/W			
	80W	3500K	12240 lm	153 lm/W			
		4000K	12800 lm	160 lm/W			
		5000K	12480 lm	156 lm/W			
	100W	3500K	15000 lm	156 lm/W			
		4000K	15700 lm	157 lm/W			
		5000K	15300 lm	153 lm/W			

Beam Angle	120°
Dimmable	0-10V
L70 Life	50,000 hrs
Voltage	120-347V
Warranty	5-year

Surge Protection	2kV
Auxiliary Output	12V
Power Factor	0.91
THD	20%
Operating Temp	-20°C to 45°C

DLC INFORMATION

PRODUCT CODE	PRIMARY USE	DLC ID	CLASSIFICATION
ST2B-20W-3CCT-UD	Stairwell and Passageway Luminaires	S-MJE0AV	Premium
	Direct Linear Ambient Luminaires	S-L4CFW3	Premium
ST4B-35W-3P-3CCT-UD	Stairwell and Passageway Luminaires	S-JD3110	Premium
	Direct Linear Ambient Luminaires	S-SKN51F	Premium
	Low-Bay Luminaires for Commercial & Industrial Buildings	S-ZBBCY5	Premium
ST4B-40W-3P-3CCT-UD ST4B-40W-3P-3CCT-UD-MS02-MW	Stairwell and Passageway Luminaires	S-217ENW	Premium
	Direct Linear Ambient Luminaires	S-H9VBGY	Premium
	Low-Bay Luminaires for Commercial & Industrial Buildings	S-MTPG4H	Premium
ST4B-50W-3P-3CCT-UD ST4B-50W-3P-3CCT-UD-MS02-MW	Stairwell and Passageway Luminaires	S-H1S92Q	Premium
	Direct Linear Ambient Luminaires	S-SKHT0Z	Premium
	Low-Bay Luminaires for Commercial & Industrial Buildings	S-20LX86	Premium
ST8B-70W-3P-3CCT-UD	Stairwell and Passageway Luminaires	S-QX38KO	Premium
	Direct Linear Ambient Luminaires	S-ID8G6E	Premium
	High-Bay Luminaires for Commercial & Industrial Buildings	S-LKF40R	Premium
ST8B-100W-3P-3CCT-UD	Stairwell and Passageway Luminaires	S-8YDFZN	Premium
	Direct Linear Ambient Luminaires	S-ZQGQQ8	Premium
	High-Bay Luminaires for Commercial & Industrial Buildings	S-MTSZWY	Premium

APPROVALS & LISTINGS

cUL	E482965
IP Rating	IP20
IK Rating	IK08

CONSTRUCTION

Housing	Colour Coated Steel Plate
Lens	Polycarbonate
Finish Colour	White

ACCESSORIES (Sold Separately)

PRODUCT NUMBER	PRODUCT DESCRIPTION	SHADED CELLS INDICATE COMPATIBILITY							
		ST2B 20W 3CCT UD	ST4B 35W 3P 3CCT UD	ST4B 40W 3P 3CCT UD	ST4B 40W 3P 3CCT UD MS02 MW†	ST4B 50W 3P 3CCT UD	ST4B 50W 3P 3CCT UD MS02 MW†	ST8B 70W 3P 3CCT UD	ST8B 100W 3P 3CCT UD
ST-SUS-KIT	Suspension Kit Max Hanging Length of 59 inches (1.5m) Min Hanging Length of 2 inches (0.05m)								
ST-CONN-BKT	Connection Bracket for suspended row mount applications								
BLD-YT08D*	Emergency LED Driver								
MS-KN01-WH	Motion Sensor Knuckle Mount								
ST-RM4†	Row Mount Kit - 2ft and 4ft Connection Bracket required for suspended row mount applications								
ST-RM8†	Row Mount Kit - 8ft Connection Bracket required for suspended row mount applications								
ST-WG-SM	Wire Guard								
ST-WG-LG	Wire Guard 2 x required for use with 8 ft fixtures								
MS02-MW-HW-DC†1	12V Microwave Motion Sensor Mounting Height: 12 ft max								
MS03-MW-HW-DC†2	12V Microwave Motion Sensor Mounting Height: 25 ft max								
MS02-RC	Motion Sensor Remote Control								

NOTE: For 2' models, the BLD-YT08D must be externally mounted. The ST8B-100W-3P-3CCT-UD requires **two (2) BLD-YT08D units**.



Easiest Row Mount Kit on the Market
quick and simple plug and play



IMPORTANT ACCESSORY NOTES:

* **BLD-YT08D** installation by CSC LED is recommended prior to shipping

† If using the row mounting kit, only one fixture with a built-in motion sensor is allowed per circuit.

¹ **MS02-RC** remote (sold separately) is required for **MS02-MW-HW-DC** and all fixtures with built-in motion sensors unless factory defaults are acceptable (see factory default settings on top of page 3). One remote can program unlimited sensors.

² **MS02-RC** is optional for **MS03-MW-HW-DC** as DIP switches are available.

PRODUCTS ENDING IN MS02-MW (Sold Separately)

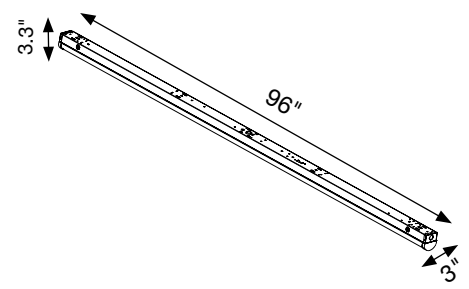
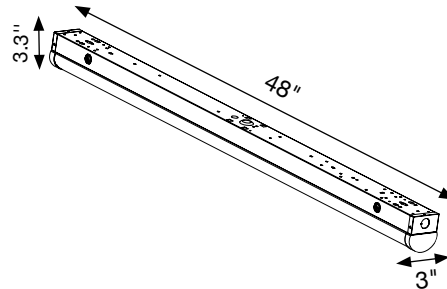
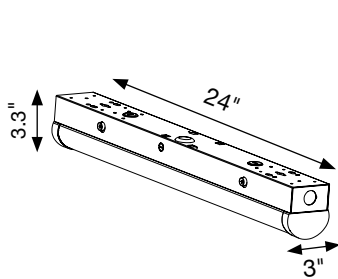
Products ending in -MS02-MW are complete with MS02-MW-HW-DC Motion Sensor. For complete motion sensor details, visit the MS02-MW-HW-DC product page.



MOTION SENSOR FACTORY SETTINGS for SKUs ending in -MS02-MW

Dim	50%
Standby	+infinite
Hold Time	20 mins
Daylight	Disabled
Sensitivity	100%

MEASUREMENTS (IN) & WEIGHTS (LBS)



2' Models	
Luminaire	
Meas.	24" x 3" x 3.3"
Weight	1.75 lbs
Carton	
Qty	1
Gross Weight	2.07 lbs
Dimensions	24.4" x 3.2" x 3.5"
Master Carton	
Qty	8
Gross Weight	16.51 lbs
Dimensions	25" x 13.8" x 7.9"

4' Models	
Luminaire	
Meas.	48" x 3" x 3.3"
Weight	3.13 lbs
Carton	
Qty	1
Gross Weight	3.68 lbs
Dimensions	48.2" x 3.2" x 3.5"
Master Carton	
Qty	8
Gross Weight	29.44 lbs
Dimensions	49.4" x 13.8" x 7.9"

8' Models	
Luminaire	
Meas.	96" x 3" x 3.3"
Weight	6.6 lbs
Carton	
Qty	1
Gross Weight	6.75 lbs
Dimensions	96.4" x 3.2" x 3.5"
Master Carton	
Qty	4
Gross Weight	33 lbs
Dimensions	96.9" x 7.1" x 7.9"

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