CSCLED

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

DLC LISTED PREMIUM   120-347V   3CCT

LIGHT SPECIFICATIONS AND ELECTRICAL

PRODUCT CODE	WATTS	CCT	LUMENS	EFFICACY	CRI	FACTORY SETTINGS	MAX CURRENT
ST2B-20W-3CCT-UD	20W	3500K	2805 lm	140 lm/W	85	20W 4000K	0.6A
		4000K	2903 lm	145 lm/W			
		5000K	2846 lm	142 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	4182 lm	139 lm/W			
		4000K	4321 lm	141 lm/W			
		5000K	4240 lm	141 lm/W			
	40W	3500K	5336 lm	133 lm/W			
		4000K	5521 lm	138 lm/W			
		5000K	5413 lm	129 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	10312 lm	147 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°		Surge Protection	2kV
Dimmable	0-10V		Auxiliary Output	12V
L70 Life	50,000 hrs		Power Factor	0.91
Voltage	120-347V		THD	20%
Warranty	5-year		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	Standard
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	Standard
	Low-Bay Luminaires for Commercial & Industrial Buildings	S-MTPG4H	Standard
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	Standard
	Low-Bay Luminaires for Commercial & Industrial Buildings	S-20LX86	Standard
ST8B-70W-3P-3CCT-UD	Stairwell and Passageway Luminaires	S-QX38KO	Premium
	Direct Linear Ambient Luminaires	S-ID8G6E	Standard
	Low-Bay Luminaires for Commercial & Industrial Buildings	S-H5RH4X	Standard
ST8B-100W-3P-3CCT-UD	Stairwell and Passageway Luminaires	S-8YDFZN	Premium
	Direct Linear Ambient Luminaires	S-ZQGQQ8	Standard
	High-Bay Luminaires for Commercial & Industrial Buildings	S-MTSZWY	Standard

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 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	●	●	●	●	●	●	●

Suspension Kit

Emergency LED Driver

Row Mount Kit

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.

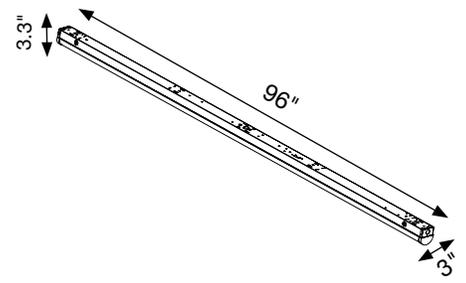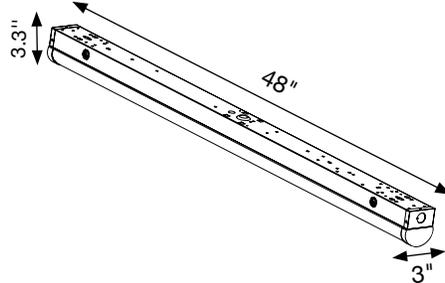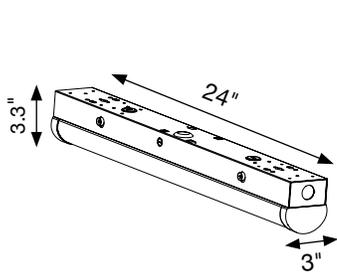## PRODUCTS ENDING IN MS02-MW (Sold Separately)

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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