

**PRODUCT CODES:**

ST4B-40W-3P-3CCT-UD  
 ST4B-40W-3P-3CCT-UD-MS02-MW  
 ST4B-50W-3P-3CCT-UD  
 ST4B-50W-3P-3CCT-UD-MS02-MW

# ST4B Linear Strip Lights

Power and 3CCT Selectable / 120-347V / 4 FT

Select 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



**Built-in Microwave Motion Sensor\***  
 on product codes ending in MS02-MW  
 12' max mounting height

**Quick Release Lens**  
 opens and closes without the use of tools

**Power Selectable**  
 3 settings per SKU

**Colour Selectable**  
 3500K / 4000K / 5000K

**Internal 0-10V Dimming**  
 12V auxiliary control

**Cover Secured to Base via Aircraft Cables**  
 for ease of installation

**Low-Glare Polycarbonate Lens**  
 for high durability




\*MS02-MW-HW-DC Motion Sensor comes pre-installed in the ST4B-40W-3P-3CCT-UD-MS02-MW and ST4B-50W-3P-3CCT-UD-MS02-MW

LIGHT SPECIFICATIONS AND ELECTRICAL



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

PRODUCT CODE	SELECTABLE WATTS	CCT	LUMENS	EFFICACY	CRI	FACTORY SETTINGS	CURRENT
ST4B-40W-3P-3CCT-UD ST4B-40W-3P-3CCT-UD-MS02-MW	20W	3500K	2908 lms	~130 lm/W	86	40W 4000K	0.4A
		4000K	3001 lms				
		5000K	2947 lms				
	30W	3500K	4182 lms				
		4000K	4321 lms				
		5000K	4240 lms				
	40W	3500K	5336 lms				
		4000K	5521 lms				
		5000K	5143 lms				
ST4B-50W-3P-3CCT-UD ST4B-50W-3P-3CCT-UD-MS02-MW	30W	3500K	4740 lms	~150 lm/w	>80	50W 4000K	0.46A
		4000K	4950 lms				
		5000K	4830 lms				
	40W	3500K	6120 lms				
		4000K	6400 lms				
		5000K	6240 lms				
	50W	3500K	7500 lms				
		4000K	7850 lms				
		5000K	7650 lms				

DLC INFORMATION

PRODUCT CODE	PRIMARY USE	DLC ID	CLASSIFICATION
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
ST4B-50W-3P-3CCT-UD ST4B-50W-3P-3CCT-UD-MS02-MW	Low-Bay Luminaires for Commercial & Industrial Buildings	S-MTPG4H	Standard
	Stairwell and Passageway Luminaires	S-H1S92Q	Premium
	Direct Linear Ambient Luminaires	S-SKHT0Z	Standard
ST4B-50W-3P-3CCT-UD-MS02-MW	Low-Bay Luminaires for Commercial & Industrial Buildings	S-20LX86	Standard

## TECHNICAL DATA

### APPROVALS

cUL	E482965
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### ACCESSORIES (Sold Separately)

Suspension Kit	ST-SUS-KIT
Connection Bracket	ST-CONN-BKT
Microwave Motion Sensor (12' max)	MS02-MW-HW-DC*
Microwave Motion Sensor (25' max)	MS03-MW-HW-DC*
Row Mounting Connector	ST-RM4
Motion Sensor Remote Control	MS02-RC
Wire Guard	ST-WG-LG
Emergency LED Driver	BLD-YT08D*
Motion Sensor Knuckle Mount	MS-KN01-WH

\*Not to be added to product codes ending in -MS02-MW

**NOTE:** BLD-YT08D pre-installation by CSC LED recommended prior to shipping



MS02-RC

**NOTE:** MS02-RC is required for Motion Sensor programming and is ordered separately

One Remote can program an unlimited number of sensors. Remote is not required if factory settings are as-desired

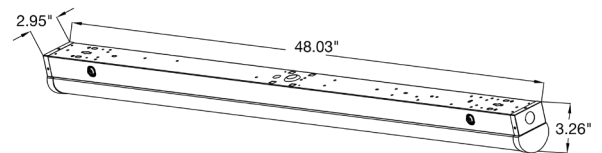
### MOTION SENSOR FACTORY SETTINGS for SKUs ending in -MS02-MW

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

### CONSTRUCTION

Housing	Colour Coated Steel Plate
Lens	Polycarbonate
Finish Colour	White
IP Rating	IP20 (damp location)
IK Rating	IK08

### DIMENSIONAL DRAWING



### DIMENSIONS & WEIGHTS

Product Dimensions	48.1 x 2.95 x 3.3 in
Fixture Weight	3.13 lbs
Carton Qty	1
Carton Gross Weight	3.68 lbs
Carton Dimensions	48.2 x 3.2 x 3.5 in
Master Carton Qty	8
Master Carton Gross Weight	29.44 lbs
Master Carton Dimensions	49.4 x 13.8 x 7.9 in



BLD-YT08D



ST-SUS-KIT



ST-WG-LG



MS02-MW-HW-DC

#### BC WAREHOUSE

1140-2375 Fremont St, Port Coquitlam, BC V3B 0N9 | (778) 730-0448

#### AB WAREHOUSE

13-2355 52 Ave SE Calgary, AB T2C 4X7 | (403) 907-0212

#### ON HEAD OFFICE

8-540 Jamieson Pkwy, Cambridge, ON N3G 0G5 | (519) 880-9833