

TUNABLE LED LINEAR STRIP LIGHT · 2 · 3 · 4 · 8 FT

Linear strip light

Replaces fluorescent strip lighting with a slim, high quality design, integrated controls options and innovative mounting accessories. Power and colour temperature are adjustable, from 4 W to 150 W.

22,500_{lm}

LUMENS (MAX), 150 W MODEL

4–150_w

TUNABLE WATTAGE RANGE

5_{CCT}

3500 – 6500 K SELECTABLE

50,000_h

LIFE SPAN

PROJECT

TYPE

CATALOG NO.

DATE



Specification and features

The SP05 linear fixture series in 2, 3, 4 and 8 ft replaces fluorescent strip lighting.

CCT	3500 K / 4000 K / 5000 K / 5700 K / 6500 K (25 W model: 3500 K / 4000 K / 5000 K)
INPUT VOLTAGE	AC120-277V / AC120-347V / AC277-480V
DRIVER EFFICACY	> 90%
WORKING TEMPERATURE	-40°F to 113°F
WARRANTY	5 years limited

CRI	Ra > 80
POWER FACTOR	> 0.90
LIFE SPAN	> 50,000 hours
STORAGE TEMPERATURE	-40°F to 176°F

Features

High efficacy: 150 lm/W.

AC120-277 V, Ra > 80.

Power and CCT adjustable.

2 ft / 3 ft / 4 ft / 8 ft, from 4 W to 150 W.

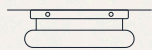
Easy installation: suspending mounting and surface mounting.

Emergency backup and sensor optional.

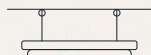
Linkable: up to 12 fixtures of SP05-4FT or up to 6 fixtures of SP05-8FT.

5-year limited warranty, rated for 50,000 hours.

Accessories · sold separately



Surface mounted



Suspending mounted



Connector



Linkable wire harness



External sensor



Built-in sensor



Remote controller



Emergency battery

Performance data, every model

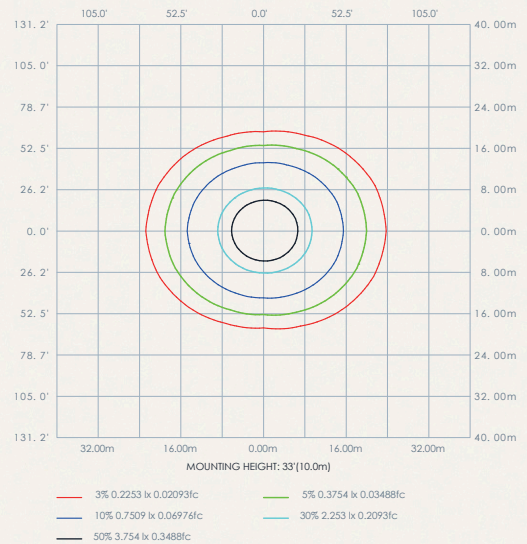
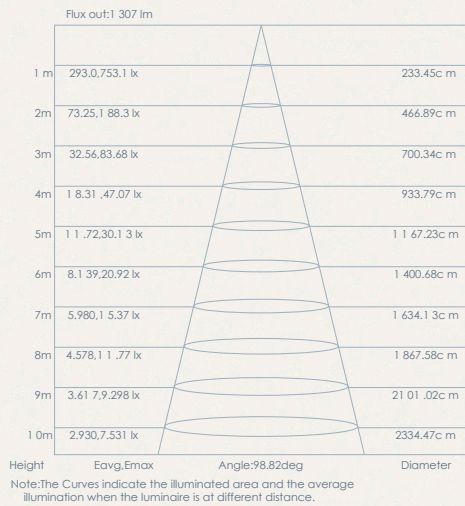
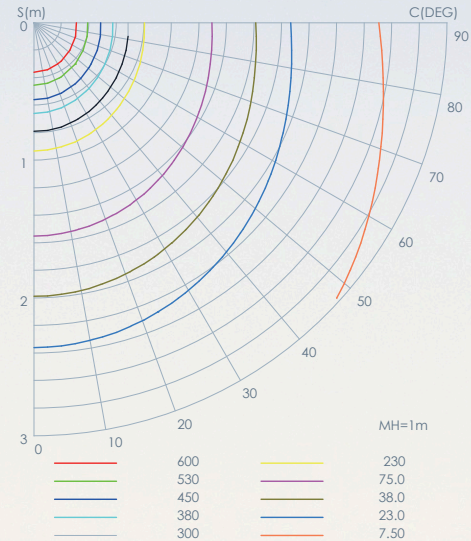
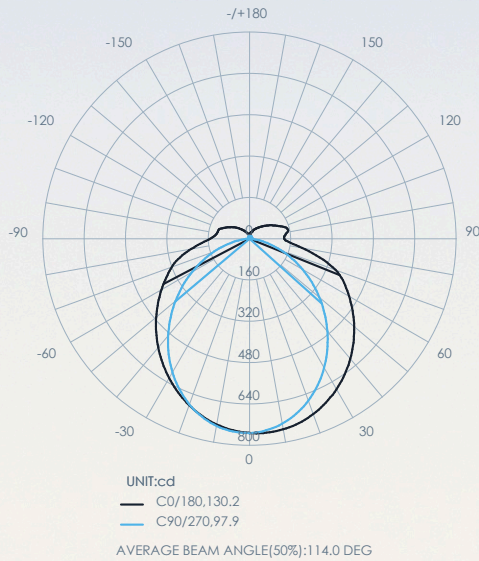
Tunable wattage range, colour temperatures and maximum lumens of each model, as printed on the factory sheet.

Models

TUNABLE WATTAGE

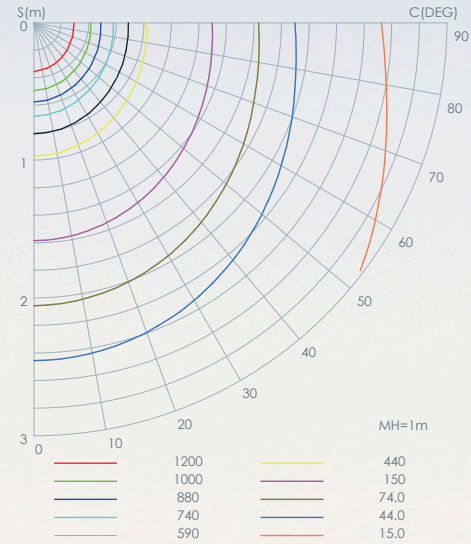
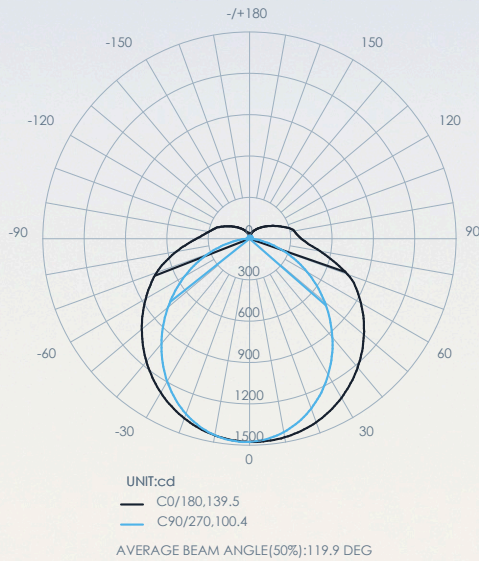
MODEL	WATTAGE	CCT	LUMENS (MAX)
SP05-2FT20W-H-TCP	20 / 16 / 12 / 8 / 4 W	3500 K · 4000 K · 5000 K · 5700 K · 6500 K	3750 lm
SP05-2FT25W-H-TCP	25 / 20 / 15 W	3500 K · 4000 K · 5000 K	3000 lm
SP05-4FT50W-H-TCP	50 / 35 / 30 / 25 / 20 W	3500 K · 4000 K · 5000 K · 5700 K · 6500 K	7500 lm
SP05-4FT60W-H-TCP	60 / 50 / 40 / 30 / 25 W	3500 K · 4000 K · 5000 K · 5700 K · 6500 K	10200 lm
SP05-4FT80W-H-TCP	80 / 70 / 60 / 50 / 40 W	3500 K · 4000 K · 5000 K · 5700 K · 6500 K	12000 lm
SP05-8FT100W-H-TCP	100 / 90 / 80 / 60 / 40 W	3500 K · 4000 K · 5000 K · 5700 K · 6500 K	15000 lm
SP05-8FT150W-H-TCP	150 / 120 / 100 / 80 / 60 W	3500 K · 4000 K · 5000 K · 5700 K · 6500 K	22500 lm

Photometrics · 2FT · 20 W · 5000 K



SP05-2FT20W-H-TCP(XX), 20 W, 5000 K. Drawn from the factory vector data.

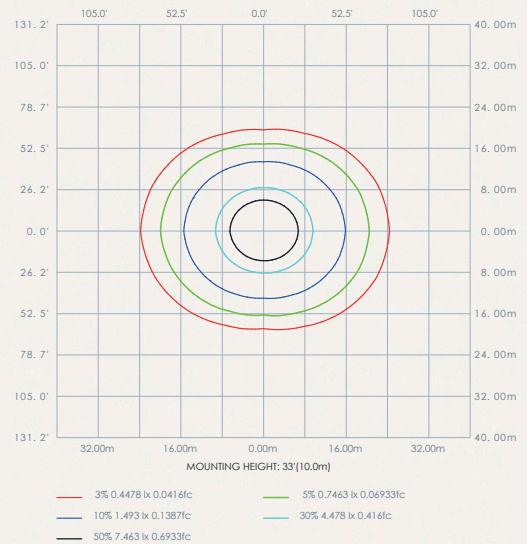
Photometrics · 4FT · 40 W · 5000 K



Flux out:2637 lm

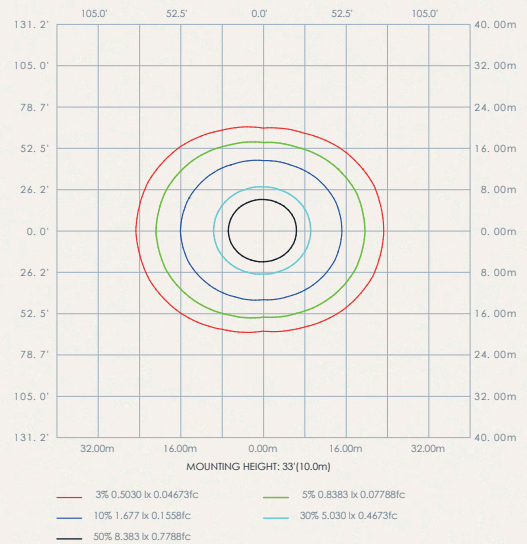
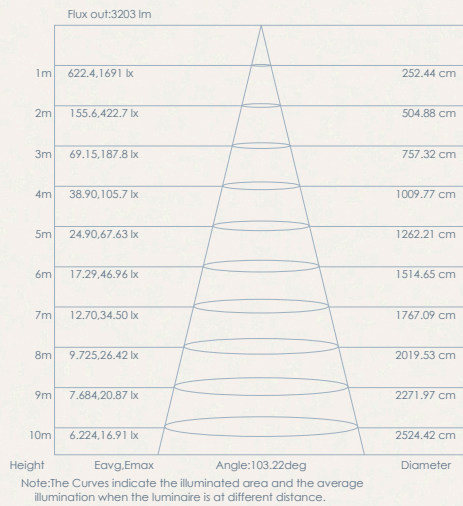
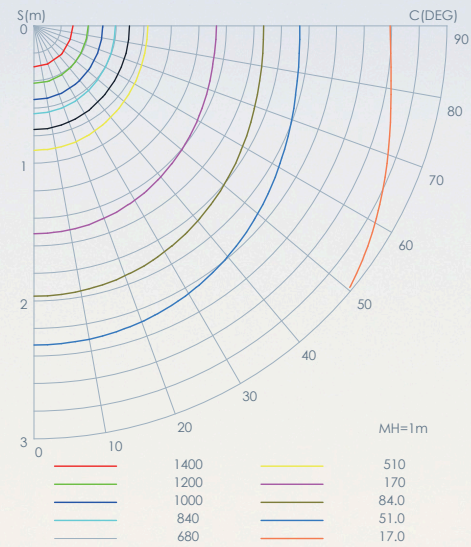
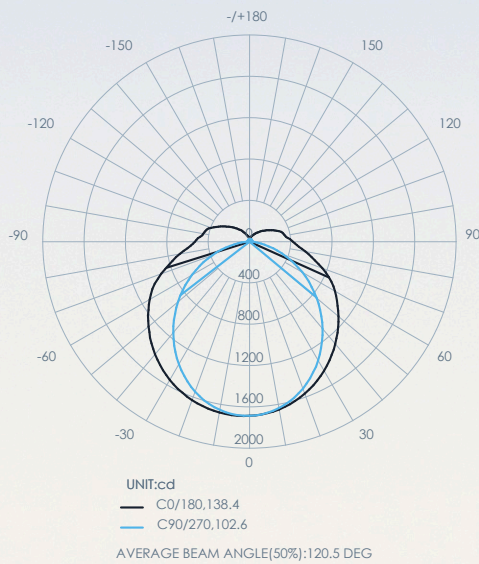
Height	Eavg,Emax	Angle:99.96deg	Diameter
1m	591.1,1493 lx		238.20 cm
2m	147.8,373.3 lx		476.40 cm
3m	65.68,165.9 lx		714.60 cm
4m	36.94,93.32 lx		952.80 cm
5m	23.64,59.72 lx		1191.00 cm
6m	16.42,41.48 lx		1429.20 cm
7m	12.06,30.47 lx		1667.40 cm
8m	9.236,23.33 lx		1905.60 cm
9m	7.298,18.43 lx		2143.80 cm
10m	5.911,14.93 lx		2382.00 cm

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.



SP05-4FT40W-H-TCP(XX), 40 W, 5000 K. Drawn from the factory vector data.

Photometrics · 4FT · 50 W · 5000 K



SP05-4FT50W-H-TCP(XX), 50 W, 5000 K. Drawn from the factory vector data.

Ordering guide

Catalog number breakdown

LEFT TO RIGHT

SP05 – 4FT – 40W – H – xx – TCP – Y

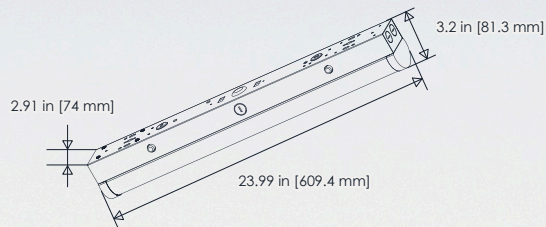
1	2	3	4	5	6	7
1	Product	SP05				Strip light
2	Size	2FT · 3FT · 4FT · 8FT				
3	Power	25W · 20W · 50W · 80W · 100W · 150W · 60W	25W = 25/20/15 W · 20W = 20/16/12/8/4 W · 50W = 50/35/30/25/20 W · 80W = 80/70/60/50/40 W · 100W = 100/90/80/60/40 W · 150W = 150/120/100/80/60 W · 60W = 60/50/40/30/25 W			
4	High lumens	H				High lumens
5	Input voltage	xx				Blank = 120–277 Vac
6	CCT	TCP				Tunable CCT and power: 3500 K · 4000 K · 5000 K · 5700 K · 6500 K
7	Control	Y				A PIR sensor · B MS sensor · C BRT sensor · D PHB sensor · blank no sensor

EXAMPLE SP05-4FT40W-H-xx-TCP-Y

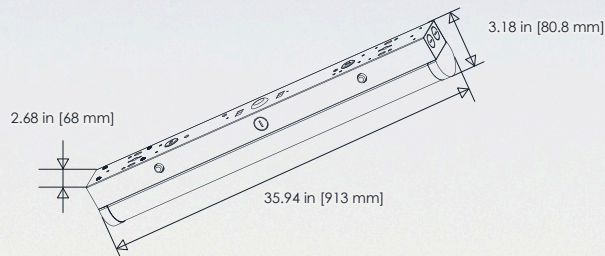
Dimensions and mounting

Inches [millimetres]. Drawn from the factory drawings.

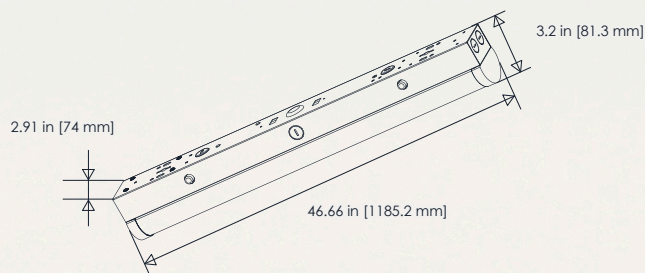
2 FT · 20 W



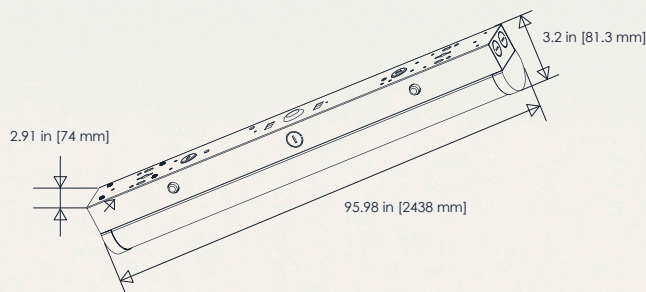
3 FT · 25 W



4 FT · 50 / 60 / 80 W



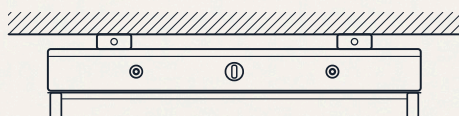
8 FT · 100 / 150 W



Packing

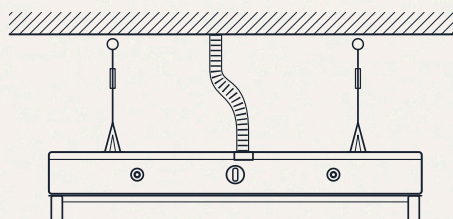
SIZE	OUTER PACKING SIZE	NET WEIGHT / CTN	GROSS WEIGHT / CTN	QTY / CARTON
2 ft	L24.72 × W9.6 × H10.79 in [L628 × W244 × H274 mm]	17.00 lb [7.71 kg]	20.92 lb [9.49 kg]	9 pcs/ctn
3 ft	L37.4 × W9.69 × H11.02 in [L950 × W246 × H280 mm]	24.47 lb [11.1 kg]	28.44 lb [12.9 kg]	9 pcs/ctn
4 ft	L47.56 × W9.33 × H10.79 in [L1208 × W237 × H274 mm]	27.34 lb [12.4 kg]	31.97 lb [14.5 kg]	9 pcs/ctn
8 ft	L96.46 × W6.34 × H6.93 in [L2450 × W161 × H176 mm]	23.17 lb [10.51 kg]	26.68 lb [12.1 kg]	6 pcs/ctn

Mounting



SURFACE MOUNTED

Standard.



SUSPENDING MOUNTED

Wire-rope suspension, sold separately.