TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 20 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market - that transforms your surroundings and envelopes you in warmth - lighting that generates beauty with every flip of the switch.

For more information on the quality and care TCP can deliver, call us at 800.324.1496 or visit tcpi.com

325 Campus Dr. | Aurora, Ohio 44202 | P: 800.324.1496 | F: 877.487.0516

TCP

Select Series Stair Lighter

Product Specifications



TCP's Select Series Stair Lighter features a lightweight aluminum body while maintaining a durable construction, a classic 4FT length, and up to 7,425 lumen light output. With an efficiency of up to 135 lumens per watt, the Stair Lighter is designed to deliver a robust performance while maximizing energy savings.

TCP's Select Series Stair Lighter is wattage selectable, color selectable and includes a bi-level dimming microwave motion sensor standard. Other available add-ons, such as the factory-installed battery backup, ensure your stairwells are always bright.

Reasons to choose the Select Series Stair Lighter from TCP

- Wattage selectable 35/45/55W
- Color Selectable 35/40/50K
- Optional battery backup
- Bi-level dimming microwave motion sensor
- Surface or pendant mounting

Ideal Applications

- Commercial settings
- Stairways
- Industrial settings
- Warehouses

TCP®
325 Campus Dr. | Aurora, Ohio 44202 | P: 800-324-1496 | tcpi.com

c UL US LISTED

DLC PREMIUM

5 YEAR WARRANTY

Not all versions of this product are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl.

Select Series Stair Lighter

Specifications

Input Line Voltage ..... 120-277 VAC
Input Line Frequency (Hz)..... 50/60HZ
Wattage (W)..... 35W/45W/55W
Lumens (L)..... 4725L/6075L/7425L
Lumens per Watt (LPW)..... 135 LPW (80 CRI)
CCT ..... 3500K/4000K/5000K Selectable
Rated Life ..... 50,000 hours
Minimum Starting Temperature.....20°C (-4°F)
Maximum Operating Temperature .....50°C (122°F)
CRI ..... >80
Power Factor .....>0.95
THD..... <20%
Ratings ..... cULus, Damp location rated, DLC 5.1 Premium
Controls..... 0-10V dimming (standard)

Features

- Lightweight, quick-install construction
- Standard frosted lens for glare control
- No shadows; smooth, even lighting
- Damp location rated
- 0-10V smooth, no-flicker dimming
- Operating temperature: -4°F to 122°F
- Bi-level dimming microwave motion sensor included
- Long 50,000 hour rated life
- Bi-level dimming microwave motion sensor included standard, battery backup optional

Item Number	
Notes	Type



Listings

cULus Listed
RoHS Compliant
DLC 5.1 Premium

Warranty

Five year limited warranty against defects in manufacturing.

Installation

Pendant mount or surface installation: Before installation, please consult your local ordinances and building codes.

Catalog Ordering Matrix

Example: STR4UZDSW5CCTIS

FAMILY	LENGTH	VOLTAGE	CONTROLS	LUMEN PACKAGE (Power)[1,2]	CCT	FACTORY INSTALLED OPTIONS	FACTORY INSTALLED CONTROLS
Stair Lighters with Selectable Wattages							
STR – Stair Lighter	**4 –** foot	**U –** 120-277V	**ZD –** 0-10V Dimming	**SW5 –** 4900/6300/7700L (35/45/55W)	**CCTIS –** 3500K/4000K/5000K Selectable	**EB –** Battery backup	**Blank –** Sharkward Bi-level dimming microwave motion sensor

[1] Approximate lumen output. Actual performance may vary based on CCT, options selected and end use application.
[2] Actual wattage may differ by +/- 10%
[3] 55W Model is selectable: 35/45/55W

Field Installed Accessories:

YTGHANGER - 10' adjustable cable hang kit

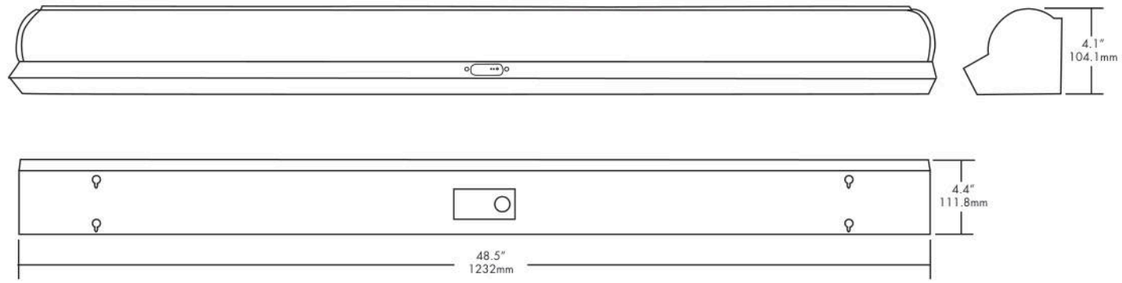
TCP®
325 Campus Dr. | Aurora, Ohio 44202 | P: 800-324-1496 | tcpi.com

c UL US LISTED · DLC PREMIUM · 5 YEAR WARRANTY

Not all versions of this product are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl.

Select Series Stair Lighter

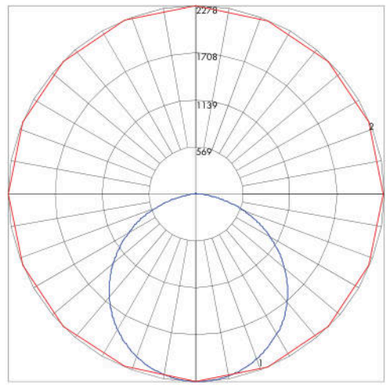
Wireline Dimensions



Photometric Report

Based on photometric data for TCP item # STR4UZDSW5CCTIS set at 55 watts and 3500K

Polar Graph



Maximum Candela = 2277.7 Located At Horizontal Angle = 90, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)

Spacing Criterion (0-180): 1.26
Spacing Criterion (90-270): 1.30

Coefficients of Utilization – Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96
1	106	101	96	91	103	98	94	90	93	89	86	88	85	83	84	72	79	77
2	96	87	80	73	93	85	78	72	80	75	70	77	72	68	73	69	66	63
3	87	76	67	60	84	74	66	60	71	64	58	67	61	56	64	59	55	53
4	80	67	58	51	77	66	57	50	62	55	49	60	53	48	57	51	47	45
5	73	60	51	44	71	58	50	43	56	48	42	53	47	41	51	45	41	38
6	68	54	45	38	65	53	44	38	50	43	37	48	41	36	46	40	36	33
7	63	49	40	33	61	48	39	33	46	38	33	44	37	32	42	36	32	29
8	58	44	36	30	56	44	35	30	42	34	29	40	34	29	39	33	28	26
9	54	41	32	27	53	40	32	27	38	31	26	37	31	26	36	30	25	24
10	51	38	30	24	49	37	29	24	36	29	24	34	28	23	33	27	23	21

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	831.98	11.30	11.30
0-30	1769.49	24.00	24.00
0-40	2908.68	39.40	39.40
0-60	5188.94	70.30	70.30
0-80	6699.00	90.80	90.80
0-90	7076.39	95.90	95.90
10-90	6861.3	93.00	93.00
20-40	2076.7	28.20	28.20
20-50	3265.13	44.30	44.30
40-70	3166.03	42.90	42.90
60-80	1510.06	20.50	20.50
70-80	624.28	8.50	8.50
80-90	377.40	5.10	5.10
90-110	256.15	3.50	3.50
90-120	284.35	3.90	3.90
90-130	296.02	4.00	4.00
90-150	299.39	4.10	4.10
90-180	300.63	4.10	4.10
110-180	44.48	0.60	0.60
0-180	7377.02	100.00	100.00

Total Luminaire Efficiency = N.A.%

TCP®
325 Campus Dr. | Aurora, Ohio 44202 | P: 800-324-1496 | tcpi.com

©TCP APR 2026/WF320800

c UL US LISTED · DLC PREMIUM · 5 YEAR WARRANTY

Not all versions of this product are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl.