



# 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



# 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
- Sharkward 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: STR4UZDA4CCT

FAMILY	LENGTH	VOLTAGE	CONTROLS	LUMEN PACKAGE (Power) <sup>1,2</sup>	CCT	FACTORY INSTALLED OPTIONS	FACTORY INSTALLED CONTROLS
STR - Stair Lighter	4 - foot	U - 120-277V	ZD - 0-10V Dimming	A2 - 4725L (35W) A3 - 6075L (45W) A4 - 7425L (55W) <sup>3</sup>	CCT - 3500K/4000K/5000K Selectable	Blank - No Add-on B - Battery Backup	Blank - Sharkward Bi-level dimming microwave motion sensor

<sup>1</sup> Approximate lumen output. Actual performance may vary based on CCT, options selected and end use application.

<sup>2</sup> Actual wattage may differ by +/- 10%

<sup>3</sup> 55W Model is selectable: 35/45/55W

## Field Installed Accessories:

YTG HANGER - 10' adjustable cable hang kit

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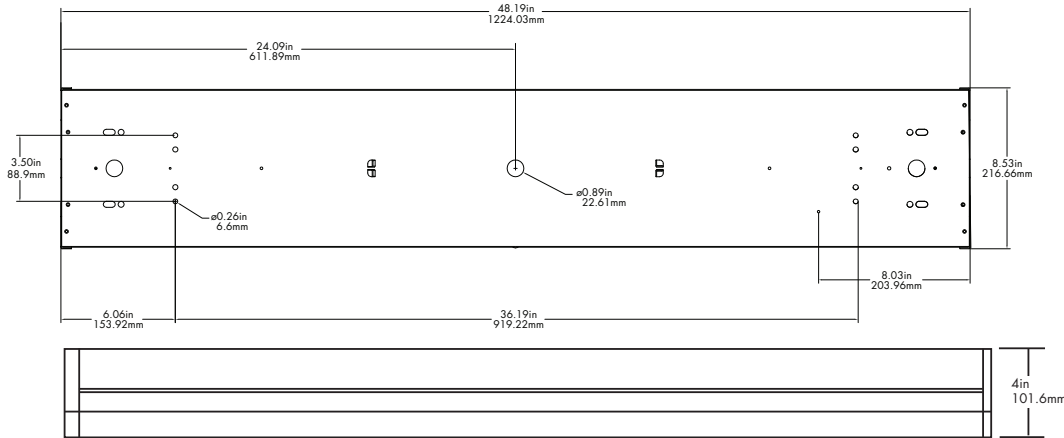
5 YEAR WARRANTY

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](http://www.designlights.org/qpl).



# Select Series Stair Lighter

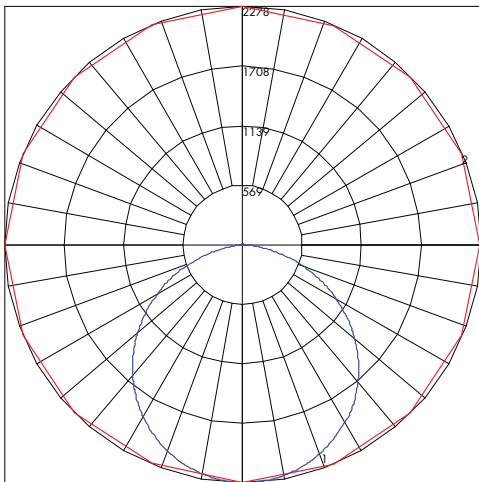
## Wireline Dimensions



## Photometric Report

Based on photometric data for TCP item #  
STR4UZDA4CCT 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	50	30	10	0
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96	96	96	96
1	106	101	96	91	103	98	94	90	93	89	86	88	85	83	84	72	79	77	77	77	77
2	96	87	80	73	93	85	78	72	80	75	70	77	72	68	73	69	66	63	63	63	63
3	87	76	67	60	84	74	66	60	71	64	58	67	61	56	64	59	55	53	53	53	53
4	80	67	58	51	77	66	57	50	62	55	49	60	53	48	57	51	47	45	45	45	45
5	73	60	51	44	71	58	50	43	56	48	42	53	47	41	51	45	41	38	38	38	38
6	68	54	45	38	65	53	44	38	50	43	37	48	41	36	46	40	36	33	33	33	33
7	63	49	40	33	61	48	39	33	46	38	33	44	37	32	42	36	32	29	29	29	29
8	58	44	36	30	56	44	35	30	42	34	29	40	34	29	39	33	28	26	26	26	26
9	54	41	32	27	53	40	32	27	38	31	26	37	31	26	36	30	25	24	24	24	24
10	51	38	30	24	49	37	29	24	36	29	24	34	28	23	33	27	23	21	21	21	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. %

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5 YEAR WARRANTY

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# TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 30 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.

Sales:

Date:

Model:

Project:

Rep:

Catalog Number:

Type:

Notes:



For more information on the quality and care TCP can deliver, call us at **800.324.1496** or visit [tcpi.com](http://tcpi.com)

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