

DESCRIPTION

The SSF Series is a functional and multi-purpose standard strip family that incorporates premium performance and construction durability. Designed with our easy-to-use Flip-Up socket design, the SSF significantly reduces installation time. The performance and application versatility of this series can be increased by incorporating symmetrical or asymmetrical reflectors. The SSF Series can be installed using various mounting methods and numerous options and accessories are available.

SPECIFICATION FEATURES

Construction

Channel die formed cold rolled steel with numerous KOs for ease of installation. Groove for Tong Hanger. End plate quickly converts to snap-in channel connector for continuous row alignment. Lamp holder bracket flips in place. Channel/wireway cover secured with quarter-turn fasteners.

Channel/Wireway Cover

Die formed heavy gauge steel. Tight fit for ease of maintenance. Easily removed without use of tools. Optional reflector available incorporating silver technology enhancements. (Silver Lining) Consult Pre Sales Technical Support.

Electrical*

Ballasts are CBM/ETL Class "P" and are positively secured by mounting bolts. Rotor Lock lampholders. UL/CUL listed. Suitable for damp locations.

Finish

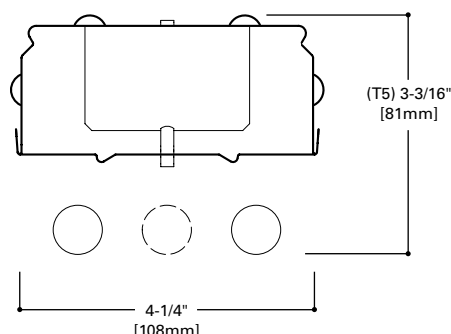
Multistage iron phosphate pretreatment ensures maximum bonding and rust inhibitor. Lighting upgrade, baked white enamel finish. Prepainted material is standard, PAF optional.

Application

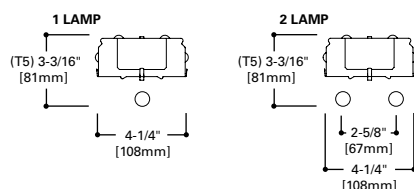
The SSF Series can be the illumination solution in commercial, industrial, retail and residential applications. Fixtures can be used in storage/utility areas, coves, display cases, shops, task and general area lighting.

Compliance

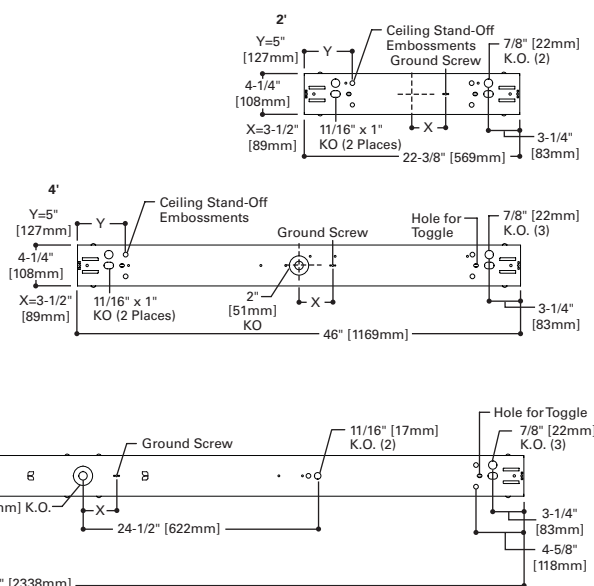
Options to meet Buy American and other domestic preference requirements.



LAMP CONFIGURATIONS



MOUNTING DATA

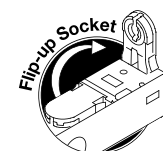


SSF

114T5
124T5
128T5
154T5
214T5
224T5
228T5
254T5
328T5
354T5

2' OR 4' STRIP
1, 2 OR 3 T5 OR T5HO LAMPS

Standard Striplite



ENERGY DATA

Input Watts:

Electronic Ballast & Standard Lamps

114 (19), 124 (25)
128 (34), 154 (54)
214 (38), 224 (52)
228 (68), 254 (106)
328 (97), 354 (182)

*Reference the lamp/ballast data in the Technical Section for specific lamp/ballast requirements.

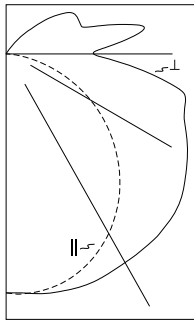
LAMPS CONTAIN MERCURY. DISPOSE ACCORDING TO LOCAL, STATE OR FEDERAL LAWS

LINEAR DISCONNECT

Safe and convenient means of disconnecting power.



PHOTOMETRICS

**SSF-228T5-UNV-EBT1**

Electronic Ballast

F28T5/835 Lamps

2600 Lumens

Spacing criterion:
(H) 1.3 x mounting
height, (L) 1.5 x
mounting height

Efficiency 96.5%

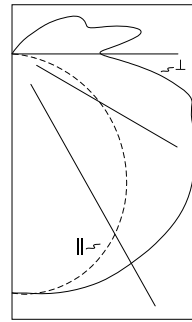
Test Report: 122P106

LER = FS

Yearly Cost of 1000
lumens, 3000 hrs at
.08 KWH = \$

Candlepower

Angle	Along H	45°	Across L
0	973	973	973
5	979	979	978
10	972	982	990
15	955	977	994
20	926	964	995
25	887	945	987
30	840	920	978
35	783	887	971
40	720	853	964
45	650	821	950
50	574	787	927
55	496	749	890
60	414	699	852
65	330	639	812
70	244	586	772
75	161	535	756
80	87	506	670
85	29	373	494
90	1	223	345

**SSF-254T5-UNV-EBT1**

Electronic Ballast

F54T5/835 Lamps

4400 Lumens

Spacing criterion:
(H) 1.3 x mounting
height, (L) 1.5 x
mounting height

Efficiency 97.3%

Test Report: 122P108

LER = FS-

Yearly Cost of 1000
lumens, 3000 hrs at
.08 KWH = \$

Candlepower

Angle	Along H	45°	Across L
0	1661	1661	1661
5	1672	1672	1670
10	1661	1675	1689
15	1631	1666	1698
20	1584	1647	1699
25	1518	1616	1690
30	1439	1575	1674
35	1345	1521	1661
40	1239	1461	1645
45	1122	1405	1623
50	997	1348	1589
55	867	1285	1535
60	731	1209	1467
65	591	1109	1401
70	448	1011	1332
75	306	929	1298
80	171	871	1135
85	60	654	855
90	3	395	603

Coefficients of Utilization

rc	Effective floor cavity reflectance						20%					
	80%			70%			50%			30%		
rw	70	50	30	10	70	50	30	10	50	30	10	0
RCR	70	50	30	10	70	50	30	10	50	30	10	0
0	111	111	111	111	106	106	106	106	98	98	98	79
1	98	92	87	82	93	88	83	79	81	77	74	60
2	88	78	71	64	83	75	68	62	69	63	58	47
3	79	68	59	52	75	65	57	50	59	53	47	38
4	72	59	50	43	68	57	48	42	52	45	39	32
5	66	52	43	36	62	50	42	35	46	39	33	27
6	61	47	38	31	57	45	37	30	42	34	29	23
7	56	42	33	27	53	41	32	26	38	30	25	20
8	52	38	30	24	49	37	29	23	34	27	22	18
9	48	35	27	21	46	34	26	21	31	25	20	16
10	45	32	24	19	43	31	24	19	29	22	18	14

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	905	15.5	16.1
0-40	1360	26.1	27.1
0-60	2634	50.6	52.5
0-90	4129	79.4	82.3
90-180	888	17.1	17.7
0-180	5016	96.5	100.0

Typical VCP Percentages

Room Size (Ft.)	Height Along		Height Across	
	8.5'	10.0'	8.5'	10.0'
20 x 20	28	38	16	25
30 x 30	18	25	8	13
30 x 60	15	20	3	5
60 x 30	15	20	10	15
60 x 60	11	14	4	6

Coefficients of Utilization

rc	Effective floor cavity reflectance						20%					
	80%			70%			50%			30%		
rw	70	50	30	10	70	50	30	10	50	30	10	0
RCR	70	50	30	10	70	50	30	10	50	30	10	0
0	112	112	112	112	107	107	107	107	99	99	99	81
1	99	93	88	83	94	89	84	80	82	78	74	61
2	89	79	71	65	84	76	69	63	70	64	59	48
3	80	68	59	52	76	65	57	51	60	53	48	39
4	73	60	50	43	69	57	49	42	53	45	40	32
5	66	53	43	36	63	51	42	36	47	39	34	27
6	61	47	38	31	58	45	37	31	42	35	29	23
7	56	43	34	27	54	41	33	27	38	31	25	20
8	52	39	30	24	50	37	29	23	35	27	22	18
9	49	35	27	21	47	34	26	21	32	25	20	16
10	46	32	24	19	44	31	24	19	29	23	18	14

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1376	15.6	16.1
0-40	2326	26.4	27.2
0-60	4516	51.3	52.7
0-90	7118	80.9	83.1
90-180	1448	16.4	16.9
0-180	8565	97.3	100.0

Typical VCP Percentages

Room Size (Ft.)	Height Along		Height Across	
	8.5'	10.0'	8.5'	10.0'
20 x 20	16	24	8	14
30 x 30	10	14	4	7
30 x 60	8	10	1	2
60 x 30	8	11	5	8
60 x 60	5	8	2	3

ORDERING INFORMATION

SAMPLE NUMBER: SSF-224T5-UNV-EBT1-U

Domestic Preferences ⁽⁶⁾ [Blank]=Standard BAA=Buy American Act TAA=Trade Agreements Act	Number of Lamps (Not Included) 1=1 Lamp 2=2 Lamps 3=3 Lamps ⁽⁴⁾	Voltage ⁽¹⁾ 347V=347 Volt UNV=Universal Voltage 120-277	Ballast Type ⁽¹⁾ EBT =T5 or T5HO Linear Electronic Program Rapid Start Total Harmonic Distortion < 10%	Options ⁽¹⁾ GL=Single Element Fuse GM=Double Element Fuse EL=Emergency Installed EL5HO=Emergency Installed for T5HO	Options 6-3/18 SJT-C&P-515P=Cord & Plug (120V) (15 AMP) ⁽³⁾ 6-3/18 SJT-C&P-L715P=Cord & Plug (277V) (15 AMP) ⁽³⁾ PI/CPI=Plug-In Option ⁽³⁾ TILW=Tandem In-Line Wiring Option (Consult TILW Option Catalog Page) ⁽²⁾
Tandem Blank=2' or 4' Length 8T=8' Length	Wattage 14T5=14WT5 (24") 24T5=24WT5HO (24") 28T5=28WT5 (48") 54T5=54WT5HO (48")		Ballast Factor/Type (For 28WT5 Lamp Only) N=Normal Light Output .95 BF H=High Light Output 1.15 BF ⁽³⁾ NDIM=Normal .95-1.0 BF Step Dimming ⁽⁵⁾ HDIM=High 1.15 BF Step Dimming ⁽⁵⁾		Packaging U=Unit Pack 4B=4 Bulk Packing
Series SSF=Commercial Standard Striplite					

NOTES: ⁽¹⁾ Products also available in non-US voltages and frequencies for international markets. ⁽²⁾ For SilverLining reflector add SS in Catalog Number, Example: SSF-ASY-SS-4T5.

⁽³⁾ Socket brackets left uninstalled. Consult your Cooper Lighting Representative for availability and ordering information. ⁽⁴⁾ Available in 28T5 and 54T5. ⁽⁵⁾ Step dimming ballast available for 28T5, 14T5 lamps only.

⁽⁶⁾ Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively.

Please refer to **DOMESTIC PREFERENCES** website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.

⁽⁷⁾ Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions Representative for availability and ordering information.

SHIPPING DATA

Catalog No.	Wt.
SSF-114T5	7 lbs.
SSF-124T5	7 lbs.
SSF-128T5	7 lbs.
SSF-154T5	7 lbs.
SSF-214T5	9 lbs.
SSF-224T5	9 lbs.
SSF-228T5	9 lbs.
SSF-254T5	9 lbs.
SSF-328T5	11 lbs.
SSF-354T5	11 lbs.
8TSSF-228T5	18 lbs.