

COOPER LIGHTING - METALUX®

DESCRIPTION

The SNF Series is a functional and multi-purpose narrow strip family that incorporates premium performance and construction durability. Designed with our easy-to-use Flip-Up socket design, the SNF significantly reduces installation time. The performance and application versatility of this series can be increased by incorporating symmetrical or asymmetrical reflectors. The SNF Series can be installed using various mounting methods and numerous options and accessories are available. The small size of the SNF makes it an ideal choice for size-restricted architectural applications. The SNF Series can be the illumination solution in commercial, industrial, retail and residential applications. Fixtures can be used in storage/utility areas,

SPECIFICATION FEATURES

DESCRIPTION (Cont'd)

covers, display cases, shops, task and general area lighting.

A ... Construction

Channel is 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.

B ... Electrical*

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

C ... Finish

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

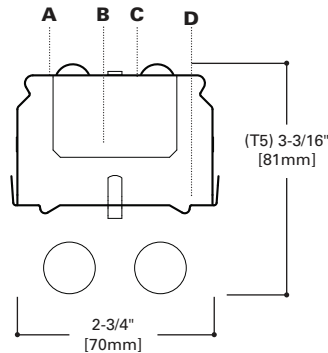
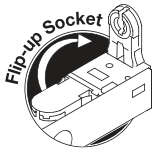
D ... Channel/Wireway Cover

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.

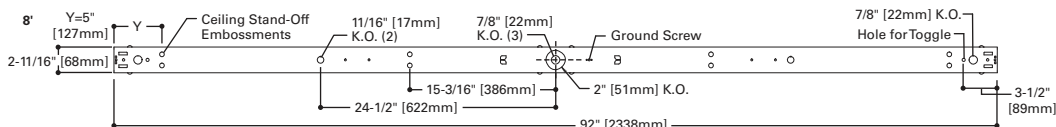
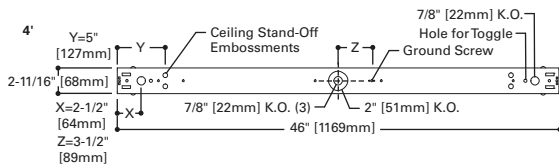
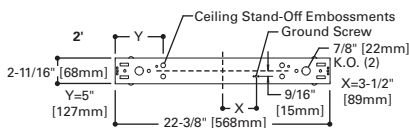


SNF
114T5
124T5
128T5
154T5
214T5
224T5
228T5
254T5

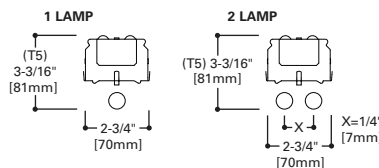
2' or 4' STRIP
1 OR 2 T5 OR T5HO LAMPS
Narrow Striplite



MOUNTING DATA



LAMP CONFIGURATIONS



ENERGY DATA

Input Watts:

Electronic Ballast & STD Lamps

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

Luminaire Efficacy Rating

LER = FS-75

Catalog Number: SNF-228T5

Yearly Cost of 1000 lumens,
3000 hrs at .08 KWH = \$3.20

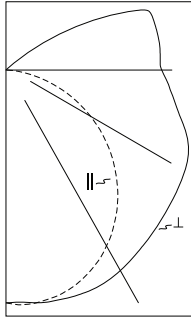
*Reference the lamp/ballast data in the
Technical Section for specific lamp/ballast
requirements.

¹ One lamp only.

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

LINEAR DISCONNECT
Safe and convenient means of
disconnecting power





SNF-128T5-UNV-EBT1 Electronic Ballast F28T5/835 Lamps 2600 Lumens Spacing criterion: (II) 1.3 x mounting height, (⊥) 1.5 x mounting height Efficiency 100.9% Test Report: 122P110 LER = FS-75 Yearly Cost of 1000 lumens, 3000 hrs at .08 KWH = \$3.20

Candlepower table with columns: Angle, Along II, 45°, Across ⊥. Rows 0 to 90.

Coefficients of Utilization

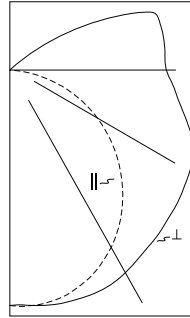
Table of Coefficients of Utilization (CU) based on effective floor cavity reflectance (80%, 70%, 50%, 30%, 10%, 0%) and RCR values (0 to 10).

Zonal Lumen Summary

Table of Zonal Lumen Summary showing Zone, Lumens, %Lamp, and %Fixture for various room sizes.

Typical VCP Percentages

Table of Typical VCP Percentages showing Height Along and Height Across for room sizes 20x20, 30x30, 30x60, 60x30, and 60x60.



SNF-154T5-UNV-EBT1 Electronic Ballast F54T5/835 Lamps 4400 Lumens Spacing criterion: (II) 1.3 x mounting height, (⊥) 1.5 x mounting height Efficiency 94.6% Test Report: 122P112 LER = FS-67 Yearly Cost of 1000 lumens, 3000 hrs at .08 KWH = \$3.51

Candlepower table for SNF-154T5-UNV-EBT1 with columns: Angle, Along II, 45°, Across ⊥. Rows 0 to 90.

Coefficients of Utilization

Table of Coefficients of Utilization (CU) for SNF-154T5-UNV-EBT1 based on effective floor cavity reflectance and RCR values.

Zonal Lumen Summary

Table of Zonal Lumen Summary for SNF-154T5-UNV-EBT1 showing Zone, Lumens, %Lamp, and %Fixture.

Typical VCP Percentages

Table of Typical VCP Percentages for SNF-154T5-UNV-EBT1 showing Height Along and Height Across for room sizes.

ORDERING INFORMATION

SAMPLE NUMBER: SNF-228T5-UNV-EBT1-U

Ordering options including Tandem, Series, Number of Lamps, Wattage, Voltage, Options, Ballast Type, Ballast Factor/Type, and Packaging.

ACCESSORIES (Order Separately)

- AYC-Chain/Set=36" Chain Hanger (Use 1 Set Per Fixture)
SCF=Fixed Stem Set (Specify Length)
SCS=Swivel Stem Set (Specify Length)
SCA=Adjustable 48" Stem Set
EYE-CHAIN/SET-B=Eye Bolt Chain (Use 1 Set Per Fixture)
SNF-ASY-4T5(2)=3" Asymmetric Reflector (Specify 2' or 4')

(Additional Accessories Available. See Options and Accessories Section.)

NOTES: (1)Products also available in non-US voltages and frequencies for international markets. (2)For SilverLining reflector add SS in Catalog Number, Example: SNF-ASY-SS-4T5. (3)Not available for 2' version. (4)Maximum width clearance for ballast in channel is 2-7/32". (5)Socket brackets left uninstalled. (6)1-Lamp ballast in the High Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. (7)Step Dimming ballast available for 28WT5 and 14WT5 lamps only.

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

SHIPPING INFORMATION

Table of Shipping Information listing Catalog No. and Wt. for various SNF fixture models.

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SPECIFICATION FEATURES

DESCRIPTION (Cont'd)

covers, display cases, shops, task and general area lighting.

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Channel is 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.

B ... Electrical*

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

C ... Finish

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

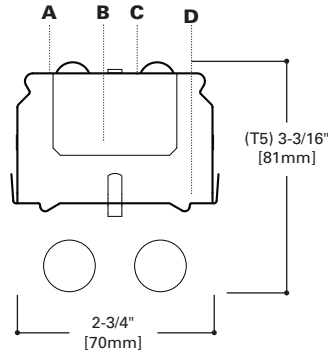
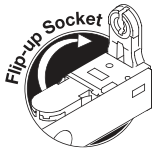
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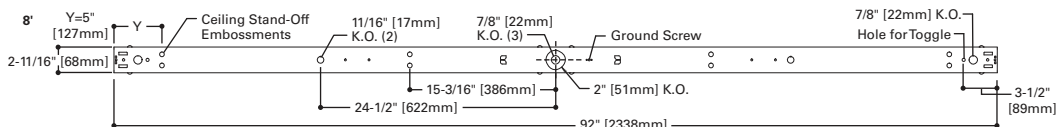
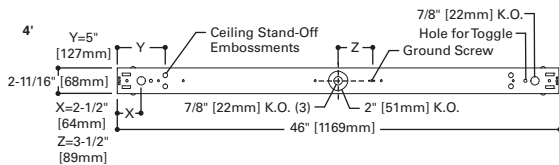
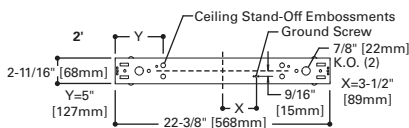


SNF
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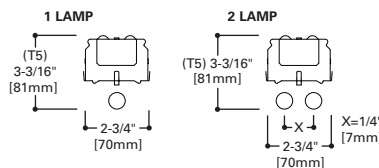
2' or 4' STRIP
1 OR 2 T5 OR T5HO LAMPS
Narrow Striplite



MOUNTING DATA



LAMP CONFIGURATIONS



ENERGY DATA

Input Watts:

Electronic Ballast & STD Lamps

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

Luminaire Efficacy Rating

LER = FS-75

Catalog Number: SNF-228T5

Yearly Cost of 1000 lumens,
3000 hrs at .08 KWH = \$3.20

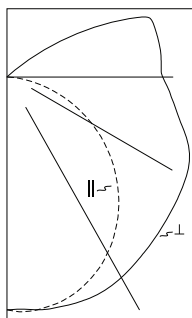
*Reference the lamp/ballast data in the
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¹ One lamp only.

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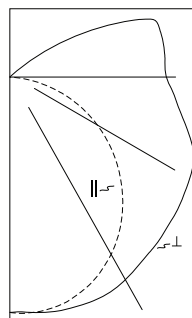




SNF-128T5-UNV-EBT1
Electronic Ballast
F28T5/835 Lamps
2600 Lumens
Spacing criterion:
(||) 1.3 x mounting
height, (⊥) 1.5 x
mounting height
Efficiency 100.9%
Test Report: 122P110
LER = FS-75
Yearly Cost of 1000
lumens, 3000 hrs at
.08 KWH = \$3.20

Candlepower

Angle	Along	45°	Across ⊥
0	484	484	484
5	489	487	485
10	485	488	490
15	477	485	491
20	463	478	491
25	444	468	487
30	420	455	480
35	392	438	469
40	361	418	460
45	326	395	450
50	290	374	442
55	251	352	435
60	211	333	428
65	170	314	418
70	129	296	400
75	88	272	375
80	51	242	355
85	20	221	339
90	1	206	323



SNF-154T5-UNV-EBT1
Electronic Ballast
F54T5/835 Lamps
4400 Lumens
Spacing criterion:
(||) 1.3 x mounting
height, (⊥) 1.5 x
mounting height
Efficiency 94.6%
Test Report: 122P112
LER = FS-67
Yearly Cost of 1000
lumens, 3000 hrs at
.08 KWH = \$3.51

Candlepower

Angle	Along	45°	Across ⊥
0	764	764	764
5	768	770	767
10	763	772	774
15	750	767	776
20	728	756	776
25	698	740	771
30	662	721	757
35	619	694	739
40	570	661	725
45	517	626	711
50	461	593	699
55	403	560	686
60	342	530	673
65	280	500	659
70	216	471	631
75	152	434	591
80	90	386	557
85	34	353	532
90	1	328	507

Coefficients of Utilization

rc	Effective floor cavity reflectance																	
	80%			70%			50%			30%			10%			0%		
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0			
RCR																		
0	115	115	115	115	110	110	110	110	100	100	100	92	92	92	84	84	84	80
1	101	95	89	84	96	91	86	81	82	78	75	75	72	69	68	65	63	59
2	91	81	73	66	86	77	70	63	70	64	59	63	59	54	57	54	50	47
3	82	70	61	53	77	67	58	51	61	54	48	55	49	44	50	45	41	38
4	74	61	52	44	70	58	50	43	53	46	40	48	42	37	44	39	34	31
5	68	54	44	37	64	52	43	36	47	40	34	43	37	32	39	34	29	26
6	63	48	39	32	59	46	38	31	42	35	29	39	32	27	35	30	25	23
7	58	44	34	28	55	42	33	27	38	31	25	35	29	24	32	26	22	20
8	54	40	31	25	51	38	30	24	35	28	23	32	26	21	29	24	20	18
9	50	36	28	22	48	35	27	21	32	25	20	29	23	19	27	22	18	16
10	47	33	25	20	45	32	24	19	30	23	18	27	21	17	25	20	16	14

Coefficients of Utilization

rc	Effective floor cavity reflectance																	
	80%			70%			50%			30%			10%			0%		
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0			
RCR																		
0	108	108	108	108	103	103	103	103	94	94	94	86	86	86	79	79	79	75
1	95	89	84	79	90	85	80	76	77	73	70	70	67	64	64	61	59	55
2	85	76	68	62	80	72	65	59	66	60	55	59	55	51	54	50	47	44
3	77	65	57	50	73	62	54	48	57	50	45	51	46	41	47	42	38	35
4	70	57	48	41	66	55	46	40	50	43	37	45	39	35	41	36	32	29
5	64	51	42	35	60	48	40	34	44	37	32	40	34	29	37	31	27	25
6	59	45	36	30	56	43	35	29	40	33	27	36	30	25	33	28	24	21
7	54	41	32	26	51	39	31	25	36	29	24	33	27	22	30	25	21	19
8	50	37	29	23	48	36	28	22	33	26	21	30	24	20	27	22	19	16
9	47	34	26	20	45	33	25	20	30	23	19	28	22	18	25	20	17	15
10	44	31	23	18	42	30	23	18	28	21	17	25	20	16	23	19	15	13

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	400	15.4	15.2
0-40	672	25.8	25.6
0-60	1289	49.6	49.1
0-90	2080	80.0	79.2
90-180	545	20.9	20.8
0-180	2624	100.9	100.0

Typical VCP Percentages

Room Size (Ft.)	Height Along		Height Across	
	8.5'	10.0'	8.5'	10.0'
20 x 20	34	46	19	30
30 x 30	23	30	10	16
30 x 60	19	24	3	5
60 x 30	18	24	13	19
60 x 60	13	18	4	6

Zonal Lumen Summary

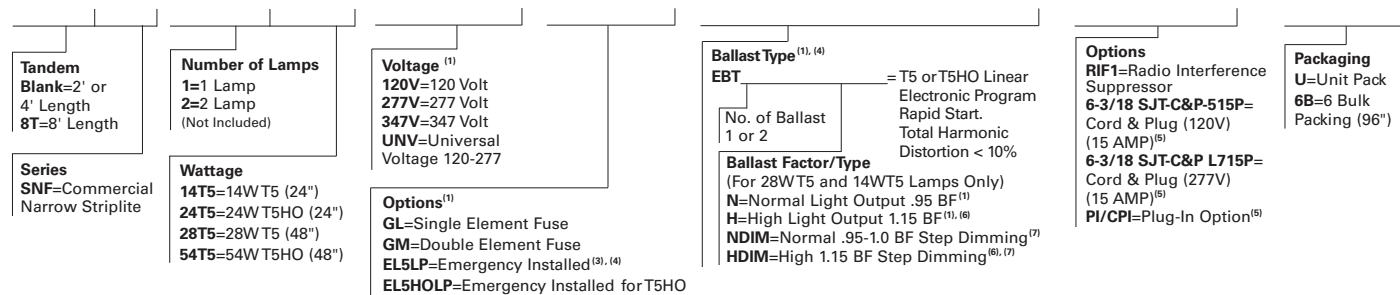
Zone	Lumens	%Lamp	%Fixture
0-30	631	14.3	15.2
0-40	1062	24.1	25.5
0-60	2041	46.4	49.0
0-90	3304	75.1	79.4
90-180	858	19.5	20.6
0-180	4161	94.6	100.0

Typical VCP Percentages

Room Size (Ft.)	Height Along		Height Across	
	8.5'	10.0'	8.5'	10.0'
20 x 20	23	33	12	20
30 x 30	14	19	6	10
30 x 60	11	15	2	3
60 x 30	11	16	7	12
60 x 60	8	11	2	3

ORDERING INFORMATION

SAMPLE NUMBER: SNF-228T5-UNV-EBT1-U



ACCESSORIES (Order Separately)

- AJC=Chain/Set=36" Chain Hanger (Use 1 Set Per Fixture)
- SCF=Fixed Stem Set (Specify Length)
- SCS=Swivel Stem Set (Specify Length)
- SCA=Adjustable 48" Stem Set
- EYE-CHAIN/SET-B=Eye Bolt Chain (Use 1 Set Per Fixture)
- SNF-ASY-4T5⁽²⁾=3" Asymmetric Reflector (Specify 2' or 4')
- SNF-SYM-4T5⁽²⁾=6" Symmetric Reflector (Specify 2' or 4')
- SNF-REV-4T5⁽²⁾=Reverse Asymmetric Reflector (Specify 2' or 4')
- WG/SNFT5-4FT=Wire Guard
- A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 Per Fixture)
- TOGGLE=Single Toggle NO. 2 (Specify Length)
- Y-TOGGLE=Y Toggle NO. 2 (Specify Length)

(Additional Accessories Available. See Options and Accessories Section.)

NOTES: ⁽¹⁾Products also available in non-US voltages and frequencies for international markets. ⁽²⁾For SilverLining reflector add SS in Catalog Number, Example: SNF-ASY-SS-4T5. ⁽³⁾Not available for 2' version. ⁽⁴⁾Maximum width clearance for ballast in channel is 2-7/32". ⁽⁵⁾Socket brackets left uninstalled. ⁽⁶⁾1-Lamp ballast in the High Ballast factor not available. 2-Lamp ballast will not operate 1-Lamp. ⁽⁷⁾Step Dimming ballast available for 28WT5 and 14WT5 lamps only.

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

SHIPPING INFORMATION

Catalog No.	Wt.
SNF-114T5	4 lbs.
SNF-124T5	5 lbs.
SNF-128T5	5 lbs.
SNF-154T5	5 lbs.
SNF-214T5	6 lbs.
SNF-224T5	6 lbs.
SNF-228T5	6 lbs.
SNF-254T5	6 lbs.
8TSNF-228T5	14 lbs.