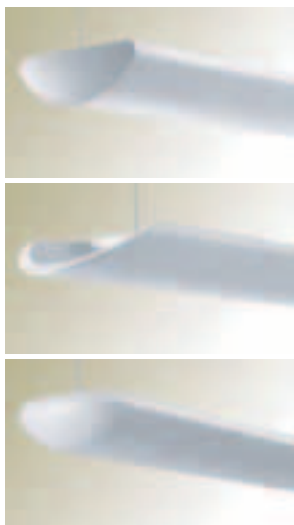


CORELITE™

Fixture Type FB



Class A Indirect

Class A Indirect Wall

SUSPENDED

FULL INDIRECT

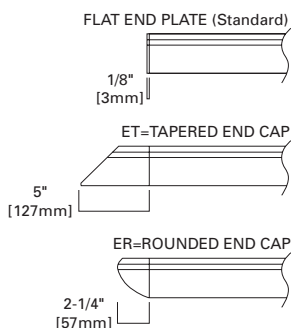
WALL MOUNT

FULL INDIRECT

- Optional Tapered or Rounded die-cast aluminum end caps
- Optional adjustable cable enables infinite field suspension adjustment up to 360"
- Wall Mount mounts directly to existing structure over a 2" x 4" standard electrical box
- Individual or continuous mounting with 4', 8' or 12' modular sections
- Standard white finish using electrostatically applied polyester powder coat paint
- Quick connect through wiring
- Certified to UL and CUL Standards

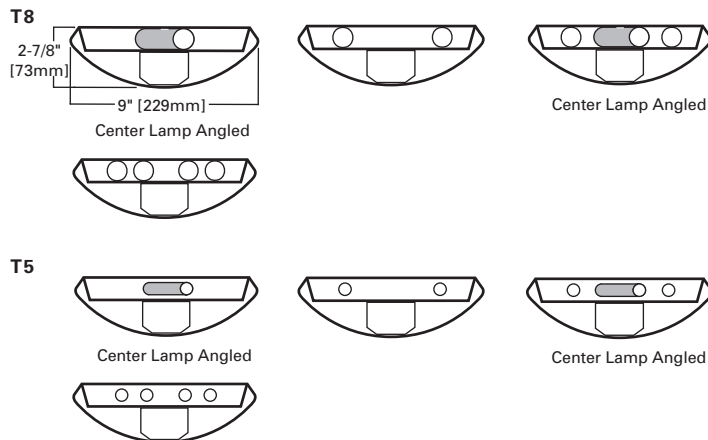
DESCRIPTION

Corelite's Class A Indirect and Class A Indirect Wall combine classic design with contemporary styling perfect for today's interiors. The engineered optical system provides a widespread uplight distribution for excellent ceiling uniformity and wide row spacing. Class A Indirect is best suited for open offices, private offices, corridors, schools, libraries and public spaces.

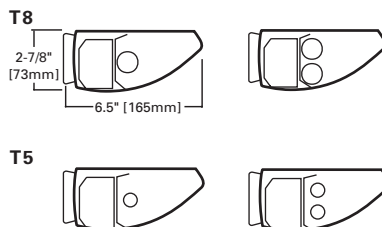


DIMENSIONS

Suspended Full Indirect



Wall Mount Full Indirect



ORDERING INFORMATION

SAMPLE NUMBER: AI-SN-3T5-1C-277-AC18-T1-32'-ET

Series AI=Class A Indirect Suspended	Optics Up W=White S=Specular Optics Down N=None	Number of Lamps 1=1 lamp 2=2 lamps 3=3 lamps 4=4 lamps	Number of Circuits¹ 1=1 Circuit 2=2 Circuit	Voltage¹ 120=120V 277=277V 347=347V UNV=Universal	Power Feed¹ C=Straight Cord K=Curly Cord P=Rigid Pendant	Ceiling Type¹ T1=1" T-Bar T9=9/16" T-Bar TS=Slotted T-Bar ST=Structure JB=4" Octagonal J-Box	Options ET=Tapered End Cap ER=Rounded End Cap
		Lamp Type(length) T8=32W(4' unit) T5=54W(4' unit)	Wiring¹ C=Standard Circuit D=Dimming E=Emergency B=Battery Pack T=Nightlight Y=Daylight	Suspension A=Aircraft Cable P=Rigid Pendant	Suspension Length -Fixed Cable 12", 15", 18", 21", 24" or 27" (+/- 1/2" adjustment) -Adjustable Cable 48", 120", 240", 300" or 360" (infinite adjustment along entire length of cable) -Rigid Pendant 12", 15", 18", 21", 24" or 27"	Run Length Specify luminaire length in feet -Individually Mounted Luminaires may be 4', 8' or 12' in length. -Continuously Mounted Standard row configurations over 12' consist of 8' and 12' sections.	

ORDERING INFORMATION

SAMPLE NUMBER: AW-SN-1T8-1C-UNV-SU-WA-32'-ET

Series AW=Class A Indirect Wall	Optics Up S=Specular Optics Down N=None	Number of Lamps 1=1 lamps 2=2 lamps	Number of Circuits¹ 1=1 Circuit 2=2 Circuit	Wiring¹ C=Standard Circuit D=Dimming E=Emergency B=Battery Pack T=Nightlight Y=Daylight	Mounting SU-WA=Surface Wall Mount	Voltage¹ 120=120V 277=277V 347=347V UNV=Universal	Options ET=Tapered End Cap ER=Rounded End Cap
		Lamp Type(length) T8=32W(4' unit) T5=54W(4' unit)			Run Length Specify luminaire length in feet -Individually Mounted Luminaires may be 4', 8' or 12' in length. -Continuously Mounted Standard row configurations over 12' consist of 8' and 12' sections.		

Notes:

¹ Not all options available. Please consult your Cooper Lighting Representative for availability. Specifications and dimensions subject to change without notice.

COOPER LIGHTING SOLUTIONS - METALUX®

DESCRIPTION

The GR8 is a T8-dedicated lensed troffer designed to offer premium performance in a low profile housing. T8 dedication and optimized lamp to lens spacing provides the best in energy efficiency and optical control. The GR8's shallow, low profile housing is compatible with even highly restrictive plenums. Luminaires are compatible with today's popular ceiling systems. The GR8 offers great performance and great quality. The series is an excellent choice for commercial offices, schools, hospitals, retail merchandising and many other applications.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction

Unitized low profile recessed housing is die formed of code gauge prime cold rolled steel with full length stiffeners and unibody endplate for added strength. Ballast cover is easily removed without tools. Die formed captive lampholder bracket fully encloses lampholder wiring for easy lampholder replacement. Ample KO's are provided for continuous row wiring. Built-in grid-lock feature for safety and convenience.

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 inhibition. Lighting grade baked white enamel finish with premium reflectance for high efficiency.

Hinging/Latching

Positive spring loaded steel latches and safety lock T-hinges provide secure, high quality door fit and allow hinging and latching from either side.

Frame/Shielding

Heavy gauge flat steel door is die formed with reinforced mitered corners. Housing and door frame assemblies incorporate full width mechanical light traps. Light stabilized, acrylic prismatic lens.

Controls

Fifth Light ballast options are offered for both 0-10V continuous dimming and DALI applications. Combine with energy-saving products like occupancy sensors, daylighting controls, and lighting relay panels from Cooper Lighting Solutions (www.cooperlighting.com) to maximize energy savings.



2GR8
228T8, 232
428T8, 432

2' X 4' TROFFER
2 OR 4 LAMP

General Purpose
T8 Commercial Troffer



ENERGY DATA

Input Watts:

EB Ballast & STD Lamps

228T8 (49), 232 (61)

428T8 (98), 432 (122)

Luminaire Efficacy Rating

LER = FL-82

Catalog Number: 2GR8-232A

Yearly Cost of 1000 lumens,
3000 hrs at .08 KWH = \$2.93

Catalog Number: 2GR8-432A
LER = FL-76

Yearly Cost of 1000 lumens,
3000 hrs at .08 KWH = \$3.16

*Standard G (Grid) Type Fixtures can be field converted by adding trim kits. See Compatibility Section or Consult Factory.

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

***When ordering Flange Kit for installation in drywall ceilings, see options and accessories compatibility section and ordering logic.

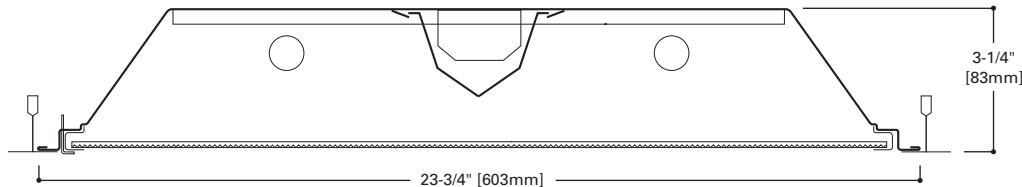
LAMPS CONTAIN MERCURY. DISPOSE ACCORDING TO LOCAL, STATE OR FEDERAL LAWS

LINEAR DISCONNECT

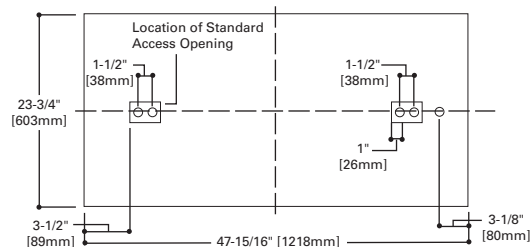
Safe and convenient means of disconnecting power.



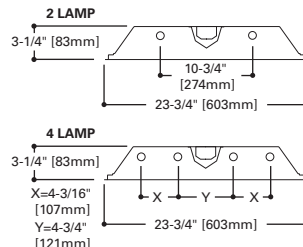
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MOUNTING DATA

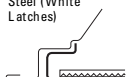


LAMP CONFIGURATIONS

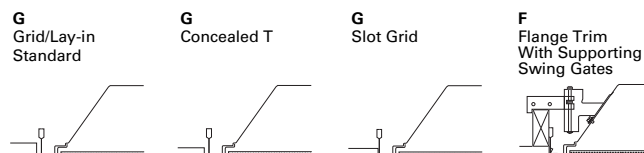


DOOR FRAMES

2GR8
Flat, White
Steel (White
Latches)



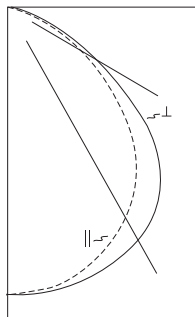
CEILING COMPATIBILITY



Ceiling Type	Trim Type
Exposed Grid	G
Concealed T	G
Slot Grid	G
Flange	G***

COOPER LIGHTING SOLUTIONS

PHOTOMETRICS



2GR8-232A
Electronic Ballast
(2) F32T8 lamps
3100 lumens
Spacing criterion:
(H) 1.2 x mounting
height, (L) 1.4 x
mounting height
Efficiency 79.4%
Test Report:
2GR8-232A.IES
LER = FL-82
Yearly Cost of 1000
lumens, 3000 hrs at
.08 KWH = \$2.93

Candela			
Angle	Along H	45°	Across L
0	1851	1851	1851
5	1855	1846	1851
10	1830	1830	1845
15	1790	1806	1834
20	1731	1768	1813
25	1653	1714	1776
30	1554	1643	1720
35	1434	1551	1650
40	1297	1424	1551
45	1127	1251	1400
50	922	1060	1182
55	731	851	924
60	570	619	675
65	430	413	476
70	316	261	343
75	224	179	262
80	162	142	198
85	87	89	114
90	0	0	0

Coefficients of Utilization

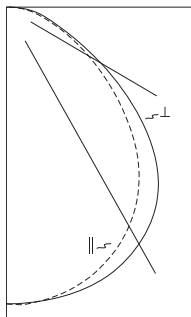
Effective floor cavity reflectance 20%																
rc	80%				70%				50%				30%			
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30
RCR	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30
0	95	95	95	95	92	92	92	92	88	88	88	84	84	84	81	81
1	87	83	80	77	85	82	79	76	78	76	74	75	73	71	72	71
2	80	73	68	64	77	72	67	63	69	65	62	66	63	60	64	61
3	73	65	59	54	71	64	58	53	61	56	52	59	55	52	57	54
4	67	58	51	46	65	57	51	46	55	49	45	53	48	45	51	47
5	62	52	45	40	60	51	45	40	49	44	39	48	43	39	46	42
6	57	47	40	35	56	46	40	35	45	39	35	43	38	34	42	38
7	53	43	36	31	52	42	36	31	41	35	31	40	34	31	39	34
8	49	39	32	28	48	38	32	28	37	32	28	36	31	27	35	31
9	46	36	29	25	45	35	29	25	34	29	25	33	28	25	33	28
10	43	33	27	23	42	33	27	23	32	26	23	31	26	22	30	26

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1476	23.8	30.0
0-40	2440	39.4	49.6
0-60	4149	66.9	84.3
0-90	4924	79.4	100.0
0-180	4924	79.4	100.0

Luminance Data

Angle in Deg	Average 0-Deg cd/sm	Average 45-Deg cd/sm	Average 90-Deg cd/sm
45	2556	2838	3176
55	2044	2380	2594
65	1632	1567	1807
75	1388	1109	1624
85	1601	1638	2098



2GR8-432A
Electronic Ballast
(4) F32T8 lamps
3100 lumens
Spacing criterion:
(H) 1.2 x mounting
height, (L) 1.3 x
mounting height
Efficiency 77.1%
Test Report:
2GR8-432A.IES
LER = FL-76
Yearly Cost of 1000
lumens, 3000 hrs at
.08 KWH = \$3.16

Candela			
Angle	Along H	45°	Across L
0	3662	3662	3662
5	3664	3647	3657
10	3613	3614	3640
15	3531	3560	3610
20	3413	3480	3555
25	3260	3365	3461
30	3067	3206	3327
35	2829	2998	3155
40	2538	2723	2918
45	2188	2383	2591
50	1816	2023	2176
55	1457	1630	1729
60	1138	1212	1304
65	859	827	950
70	626	530	687
75	447	359	517
80	314	272	380
85	172	167	214
90	14	33	47

Coefficients of Utilization

Effective floor cavity reflectance 20%																
rc	80%				70%				50%				30%			
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30
RCR	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30
0	92	92	92	92	90	90	90	90	86	86	86	82	82	82	79	79
1	84	81	78	75	82	79	76	74	76	74	71	73	71	69	70	69
2	77	71	66	62	75	70	65	61	67	63	60	65	61	59	62	60
3	71	63	57	52	69	62	56	52	60	55	51	57	53	50	56	52
4	65	56	50	45	63	55	49	44	53	48	44	52	47	43	50	46
5	60	50	44	39	58	50	43	39	48	42	38	46	42	38	45	41
6	56	46	39	34	54	45	39	34	43	38	34	42	37	33	41	37
7	52	41	35	30	50	41	35	30	40	34	30	39	33	30	37	33
8	48	38	31	27	47	37	31	27	36	31	27	35	30	27	34	30
9	45	35	29	24	44	34	28	24	33	28	24	33	28	24	32	27
10	42	32	26	22	41	32	26	22	31	26	22	30	25	22	30	25

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	2902	23.4	30.3
0-40	4769	38.5	49.9
0-60	8035	64.8	84.0
0-90	9566	77.1	100.0
0-180	9566	77.1	100.0

Luminance Data

Angle in Deg	Average 0-Deg cd/sm	Average 45-Deg cd/sm	Average 90-Deg cd/sm
45	4963	5406	5877
55	4074	4558	4835
65	3260	3139	3606
75	2770	2225	3204
85	3165	3073	3938

ORDERING INFORMATION

SAMPLE NUMBER: 2GR8-232A-UNV-EB81-U

Rating⁽⁴⁾ Blank =Standard ATW-SW4 =Chicago Rated	Number of Lamps 2 =2 Lamps 4 =4 Lamps (Not included)	Voltage⁽²⁾ 347V =347 Volt UNV =Universal Voltage 120-277 ⁽³⁾	Ballast Type EB8 _ =T8 Electronic Start. Total Harmonic Distortion < 10% EB8 _ / PLUS = T8 Electronic Start. Total Harmonic Distortion < 10%. High Ballast Factor > 1.15. ER8 _ = T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10% High Performance T8 Ballasts HB8 _ =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 – .88 HB8 _ L =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Low Ballast Factor .77 – .82 HB8 _ N =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. Normal Ballast Factor 1.0 HB8 _ H =T8 Electronic Instant Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 – 1.20 HR8 _ =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Standard Ballast Factor .86 – .88 HR8 _ DIM =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Step Dimming. Ballast Factor .88 HR8 _ L =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. Low Ballast Factor .71 – .79 HR8 _ H =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10%. High Ballast Factor 1.15 – 1.20 0-10V Dimming Ballasts⁽⁷⁾ 5LTV8 _ =T8 0-10V Program Rapid Start. Total Harmonic Distortion < 10%. Ballast Factor 0.87 ^{(10), (11)} 5LTVS8 _ =T8 0-10V Spec Grade Program Rapid Start. Total Harmonic Distortion < 10%. Ballast Factor 0.87 ^{(8), (9)} Fifth Light DALI Ballasts⁽⁶⁾ 5LT8 _ =T8 DALI Program Rapid Start. Total Harmonic Distortion < 10%. Ballast Factor 1.0	Options FR =Fire Label	Packaging U =Unit Pack PAL =Job Pack, out of carton PALC =Job Pack, in carton
Width 2 =2' Width	Wattage 28T8 =28W T8 (48") 32 =32W T8 (48") ⁽⁵⁾	Options GL =Single Element Fuse GM =Double Element Fuse Flex =Flex Installed (Reference Flex ordering information) EL =Emergency Installed ⁽¹³⁾	ACCESSORIES EQ-CLIP-U =T-BAR Safety Earthquake Clips ⁽¹⁾ FCTKA-24W-U =Field Installed Flange Kit		
Trim Type G =Grid/Lay-in (Standard)	Shielding A =#12 Acrylic Pattern A125 =#12 Pattern Acrylic (.125" Thick) A19/156 =#19 Pattern Acrylic (.156" Thick)	Lamps Installed Blank =No Lamps Installed L8935 =T8 Lamp, 28W and 32W, 3500K ⁽¹²⁾ L8941 =T8 Lamp, 28W and 32W, 4100K ⁽¹²⁾ L8835HL =T8 Lamp, 32W, 3500K, 3100 Lumens L8841HL =T8 Lamp, 32W, 4100K, 3100 Lumens	FCTK A - 24 R W - U Trim Kit 22=2' x 2' N=Natural Field 24=2' x 4' W=White Convertible Blank=Single U=Unit Pack Aluminum R=In Row E=End Row		
Series R8 =General Purpose T8 Commercial Troffer ⁽¹⁾			Number of Ballasts 1 =1 Ballast 2 =2 Ballasts 3 =3 Ballasts		

NOTES: ⁽¹⁾An EQ Grid Clip is recommended for all 9/16" ceiling systems. Four required per fixture. ⁽²⁾Products also available in non-US voltages and frequencies for international markets. ⁽³⁾Not available when specifying emergencies, voltage must be specific. ⁽⁴⁾For NYC rated product, see separate specification sheets. ⁽⁵⁾Ballast Factor is 0.88 for 4 lamp 32W T8 fixtures. ⁽⁶⁾For a complete listing of Fifthlight Technology products and other solutions from Cooper Lighting Solutions, visit www.cooperlighting.com. ⁽⁷⁾0-10V ballast do not include DALI feature. Please select DALI ballast for use with Fifth Light system. ⁽⁸⁾Specification grade 0-10V dimming ballast are NEMA premium and CEE listed. They are compatible with low mercury and energy saving lamps. ⁽⁹⁾Specification Grade 0-10V ballast not offered in 3 or 4-lamp versions. ⁽¹⁰⁾Standard 0-10V ballast not available for 28W T8 lamps. ⁽¹¹⁾Voltage must be specified for Standard 0-10V 32W 3 and 4-lamp ballast. 4-lamp ballast versions must be 277V. ⁽¹²⁾32W lamps are 90 CRI only. ⁽¹³⁾Please specify required voltage, 120V or 277V.

For complete product data, reference the Fluorescent Specification binder. Specifications & dimensions subject to change without notice. Consult your Cooper Lighting Solutions Representative for availability and ordering information.

SHIPPING INFORMATION

Catalog No.	Wt.
2GR8-228T8A	20 lbs.
2GR8-232A	20 lbs.
2GR8-428T8A	20 lbs.
2GR8-432A	20 lbs.

DESCRIPTION

Corelite's Class A D/I suspended direct-indirect fluorescent luminaire features a classic design and increased downlight via two open side apertures with perforated baffle blades. Optional Eclipse Louver features white perforated baffle blades with ribbed diffuse anodized aluminum runners, which reduces visual brightness from normal viewing angles. The Class A D/I may be mounted individually or continuously with 4', 8' and 12' modular sections. Luminaires align with T-Grid and interface with all ceiling types. Class A D/I is suited for open offices, private offices, conference rooms, corridors, schools, libraries, labs and public spaces.

Catalog #	Type
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

A ... Construction

Housing is one piece die-formed 20-gauge cold rolled steel, forming a 9" x 2-7/8" architectural profile. Standard 4'-0", 8'-0", and 12'-0" fixture lengths combine for continuous runs.

B ... End Plates

Standard laser cut 14-gauge cold rolled steel, mechanically attached with no exposed fasteners. Optional die cast aluminum end caps also available.

C ... Louver

Standard white aluminum perforated blades. Optional Eclipse Louver with white perforated blades and ribbed diffuse anodized aluminum runners. Eclipse Louver not available for Quick Ship.

D ... Reflectors

Reflector pan is painted with a high reflectance white powder coat finish.

E ... Electrical

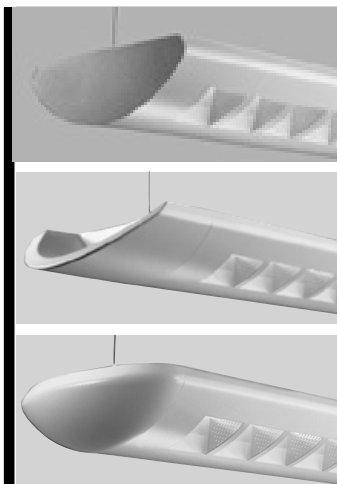
Fixtures are prewired with quick wire connectors and use UL listed Class P, 265ma T8 instant start universal voltage electronic ballasts. Power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

F ... Finish

Fixture housings are standard white using electrostatically applied polyester powder coat paint.

Mounting

Standard aircraft cable mounts on 4'-0", 8'-0" and 12'-0" centers. Refer to installation section for various ceiling interface details and rigid pendant mounting details.



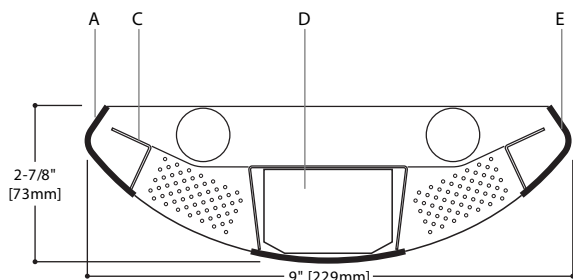
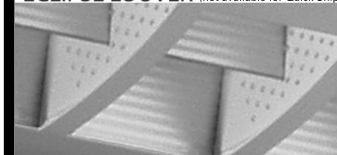
Class A D/I Open Baffle

2T8

Suspended
Direct/Indirect

Light Distribution
Indirect - 70.8%
Direct - 29.2%

ECLIPSE LOUVER (not available for Quick Ship)



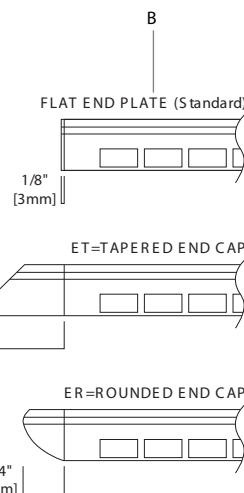
MODULES AND DIMENSIONS*

48" [1219mm]

96" [2438mm]

144" [3658mm]

*Dimensions do not include end plates.

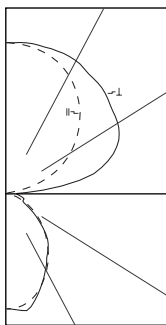


ORDERING INFORMATION

Sample Number: AB-WB-2T8-1C-UNV-AC48-T1-12-ET

Series AB: Class A D/I Open Baffle Suspended	Number of Lamps 2: 2 Lamps	Wiring ² B: Battery Pack C: Standard Circuit D: Dimming E: Emergency T: Nightlight Y: Daylight	Voltage ² 120: 120V 277: 277V 347: 347V UNV: Universal (120V-277V)	Suspension Length Fixed Cable 12", 15", 18", 21", 24", or 27" (+/- 1/2" adjustment) Adjustable Cable 48", 120", 240", 300", or 360" (infinite adjustment along entire length of cable) Rigid Pendant ³ 12", 15", 18", 21", 24", or 27"	Ceiling Type T1: 1" T-Bar T9: 9/16" T-Bar TS: Slotted T-Bar ST: Structure JB: 4" Octagonal J-Box	Options ER: Rounded End Cap ET: Tapered End Cap
Optics Up W: White	Lamp Type T8: T8 Normal Output	Number of Circuits ² 1: 1 Circuit 2: 2 Circuits	Suspension A: Aircraft Cable P: Rigid Pendant	Power Feed ² C: Straight Cord K: Curly Cord P: Rigid Pendant	Run Length Individually Mounted Luminaires may be 4', 8', or 12' in length Continuously Mounted Standard row configurations over 12' consist of 8' and 12' sections	

Notes: 2 Not all options available. Please consult your Cooper Lighting Representative for availability. Specifications and dimensions subject to change without notice.
3 Consult adder section of the price guide for additional standard lengths.



AB-WB-2T8
(2) F32T8/TL841
3000 Lumens

Efficiency 91.0 %

Test Report
#LS116850

Coefficients of Utilization

Effective floor cavity reflectance										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		
RCR																							
0	93	93	93	93	83	83	83	83	65	65	65	49	49	49	34	34	34	27					
1	85	81	78	75	76	73	70	67	57	56	54	43	42	41	30	29	29	23					
2	77	71	66	61	69	64	60	56	51	48	45	38	36	35	27	26	25	20					
3	71	63	57	52	64	57	52	47	45	41	38	34	32	30	24	23	22	17					
4	65	56	49	44	58	51	45	40	40	36	33	31	28	26	22	20	19	15					
5	60	49	43	38	53	45	39	34	36	32	28	28	25	22	20	18	16	13					
6	55	45	38	33	49	40	34	30	32	28	25	25	22	20	18	16	15	12					
7	51	40	33	28	45	36	30	26	29	25	22	22	19	17	16	14	13	10					
8	47	36	29	22	42	33	27	23	26	22	19	21	17	15	15	13	11	09					
9	43	33	26	22	39	30	24	20	24	20	17	18	15	13	13	11	10	08					
10	40	30	23	19	36	27	21	18	22	18	15	17	14	12	12	10	09	07					

Candela

Angle	Along II	45°	Across I
0	732	732	732
5	732	734	740
15	682	723	704
25	586	596	577
35	475	466	461
45	352	354	356
55	227	242	209
65	135	137	116
75	70	85	113
85	17	54	69
90	0	51	70
95	39	215	235
105	192	516	634
115	367	633	798
125	535	721	855
135	673	803	899
145	788	877	924
155	872	920	957
165	927	951	959
175	954	959	959
180	955	955	955

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	540	9.00	9.89
0-40	834	13.90	15.27
0-60	1314	21.90	24.06
0-90	1595	26.60	29.22
40-90	761	12.70	13.95
60-90	281	4.70	5.16
90-180	3866	64.44	70.78
0-180	5462	91.01	100.00

Luminance Data

Angle in Deg	0-Deg cd/sm	45-Deg cd/sm	90-Deg cd/sm
45	4768	4747	4858
55	3787	4083	3512
65	3058	3089	2346
75	2600	2539	2788
85	1913	2237	2159

COMMON CIRCUIT CONFIGURATIONS FOR TWO LAMP SUSPENDED FIXTURE

2C=Two circuit luminaire

2E=Two circuit luminaire with emergency circuit

1B=Single circuit luminaire with battery pack

/1/=Circuit 1

/2/=Circuit 2

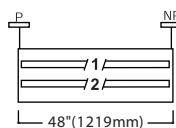
/E/=Emergency Circuit

/B/=Battery Circuit

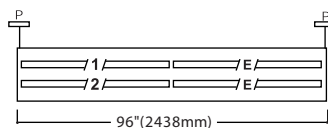
=Power Mount

=Non-Power Mount

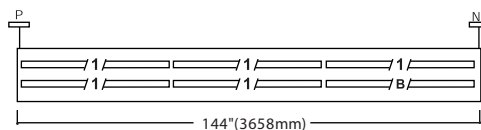
2C



2E



1B



STANDARD ROW CONFIGURATIONS

FIXTURE LENGTH	4'	8'	12'	16'	20'	24'	28'	32'	36'	40'	44'	48'	52'	56'	60'	64'	68'	72'	76'	80'	84'	88'	92'	96'	100'	104'	108'
4'	1																										
8'		1		2	1		2	1		2	1		2	1		2	1		2	1		2	1		2	1	
12'			1		1	2	1	2	3	2	3	4	3	4	5	4	5	6	5	6	7	6	7	8	7	8	9

DESCRIPTION

Corelite's Class A D/I suspended direct-indirect fluorescent luminaire features a classic design and increased downlight via two open side apertures with perforated baffle blades. Optional Eclipse Louver features white perforated baffle blades with ribbed diffuse anodized aluminum runners, which reduces visual brightness from normal viewing angles. The Class A D/I may be mounted individually or continuously with 4', 8' and 12' modular sections. Luminaires align with T-Grid and interface with all ceiling types. Class A D/I is suited for open offices, private offices, conference rooms, corridors, schools, libraries, labs and public spaces.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

SPECIFICATION FEATURES

A ... Construction

Housing is one piece die-formed cold rolled steel, forming a 9" x 2-7/8" architectural profile. Standard 4'-0", 8'-0", and 12'-0" fixture lengths combine for continuous runs.

B ... End Plates

Standard laser cut 14-gauge cold rolled steel, mechanically attached with no exposed fasteners. Optional die cast aluminum end caps also available.

C ... Louver

Standard white aluminum perforated blades. Optional Eclipse Louver with white perforated blades and ribbed diffuse anodized aluminum runners. Eclipse Louver not available for Quick Ship.

D ... Reflectors

Reflector pan is painted with a high reflectance white powder coat finish.

E ... Electrical

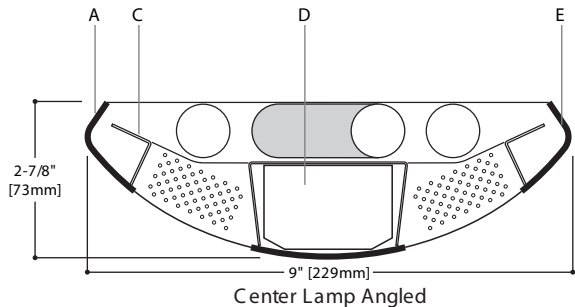
Fixtures are wired with quick wire connectors and use UL listed Class P, 265ma T8 instant start universal voltage electronic ballasts. Power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

F ... Finish

Fixture housings are standard white using electrostatically applied polyester powder coat paint.

Mounting

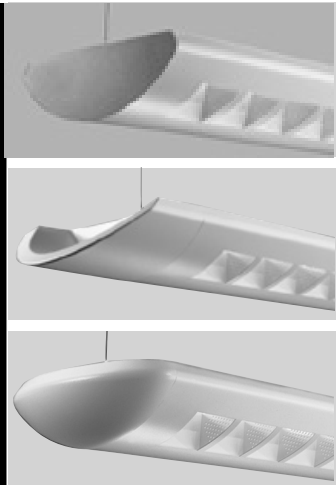
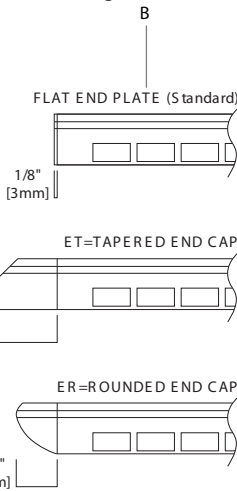
Standard aircraft cable mounts on 4'-0", 8'-0" and 12'-0" centers. Refer to installation section for various ceiling interface details and rigid pendant mounting details.



MODULES AND DIMENSIONS*

48" [1219mm]	
96" [2438mm]	
144" [3658mm]	

*Dimensions do not include end plates.



Class A D/I
Open Baffle

3T8

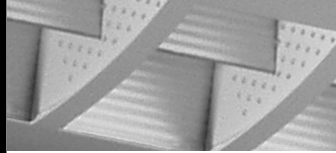
Suspended
Direct/Indirect

Light Distribution

Indirect - 76.6%
Direct - 23.4%

fifthlight
technology

ECLIPSE LOUVER

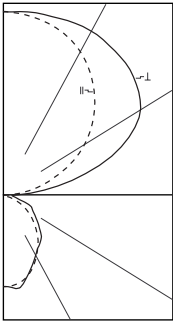


ORDERING INFORMATION

Sample Number: AB-WB-3T8-1C-UNV-AC48-T1-12-ET

Series AB: Class A D/I Open Baffle Suspended Optics Up W: White Optics Down B: Perforated Baffle E: Eclipse Louver¹	Number of Lamps 3: 3 Lamps Lamp Type T8: T8 Normal Output Number of Circuits² 1: 1 Circuit 2: 2 Circuits	Wiring² B: Battery Pack C: Standard Circuit D: Dimming E: Emergency T: Nightlight Y: Daylight	Voltage² 120: 120V 277: 277V 347: 347V UNV: Universal (120V-277V) Suspension A: Aircraft Cable P: Rigid Pendant Power Feed² C: Straight Cord K: Curly Cord P: Rigid Pendant	Suspension Length Fixed Cable 12", 15", 18", 21", 24", or 27" (+/- 1/2" adjustment) Adjustable Cable 48", 120", 240", 300", or 360" (infinite adjustment along entire length of cable) Rigid Pendant³ 12", 15", 18", 21", 24", or 27"	Ceiling Type T1: 1" T-Bar T9: 9/16" T-Bar TS: Slotted T-Bar ST: Structure JB: 4" Octagonal J-Box Run Length Individually Mounted Luminaires may be 4', 8', or 12' in length Continuously Mounted Standard row configurations over 12' consist of 8' and 12' sections	Options ER: Rounded End Cap ET: Tapered End Cap
--	---	--	---	---	--	---

Notes: 1 Not available for Quick Ship.
2 Not all options available. Please consult your Cooper Lighting Solutions Representative for availability.
3 Consult adder section of the price guide for additional standard lengths.



AB-WB-3T8
(3) F32T8/TL841
3000 Lumens

Efficiency 90.7 %

Test Report
#LS116851

Coefficients of Utilization

	Effective floor cavity reflectance										20%										0%									
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		
RCR																														
0	91	91	91	91		81	81	81	81		62	62	62			45	45	45			29	29	29			21				
1	83	80	76	73		74	71	68	65		54	53	51			39	38	37			25	25	24			18				
2	76	70	64	60		67	62	57	54		48	45	42			35	33	31			23	22	21			15				
3	69	61	55	50		62	55	50	45		42	39	36			31	29	27			20	19	18			13				
4	63	54	47	42		56	49	43	38		38	34	31			28	25	23			18	17	15			11				
5	58	47	41	36		51	43	37	33		33	29	26			25	22	20			16	15	13			10				
6	53	43	36	31		47	38	32	28		30	26	23			22	19	17			15	13	12			09				
7	49	38	32	27		44	35	29	24		27	23	20			20	17	15			13	12	10			08				
8	45	35	28	23		40	31	25	21		24	20	17			18	15	13			12	10	09			07				
9	42	31	25	20		37	28	22	19		22	18	15			16	13	11			11	09	08			06				
10	39	28	22	18		35	26	20	16		20	16	13			15	12	10			10	08	07			05				

Candela

Angle	Along II	45°	Across L
0	793	793	793
5	793	799	805
15	740	785	749
25	644	639	623
35	527	513	533
45	397	416	453
55	262	308	341
65	158	202	272
75	84	122	142
85	23	65	82
90	0	55	68
95	78	219	232
105	340	707	738
115	624	1060	1201
125	894	1252	1449
135	1120	1384	1552
145	1311	1489	1596
155	1454	1550	1625
165	1548	1592	1614
175	1593	1604	1608
180	1600	1600	1600

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	585	6.51	7.17
0-40	913	10.15	11.19
0-60	1510	16.79	18.50
0-90	1912	21.25	23.42
40-90	998	11.10	12.23
60-90	401	4.46	4.92
90-180	6254	69.49	76.58
0-180	8166	90.74	100.00

Luminance Data

Angle in Deg	0-Deg cd/s/m	45-Deg cd/s/m	90-Deg cd/s/m
45	5368	5581	6188
55	4363	5185	5727
65	3578	4557	5499
75	3101	3665	3494
85	2470	2723	2568

COMMON CIRCUIT CONFIGURATIONS FOR TWO LAMP SUSPENDED FIXTURE

2C=Two circuit luminaire

2E=Two circuit luminaire with emergency circuit

1B=Single circuit luminaire with battery pack

/1/=Circuit 1

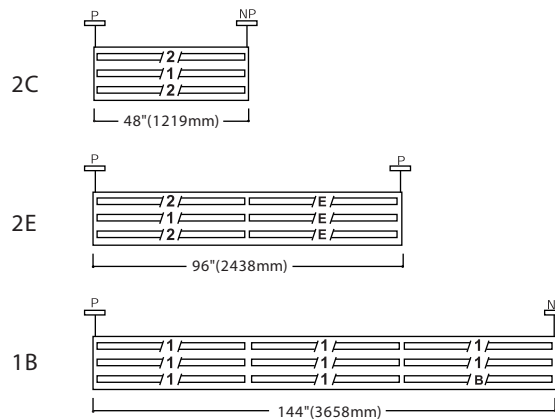
/2/=Circuit 2

/E/=Emergency Circuit

/B/=Battery Circuit

=Power Mount

=Non-Power Mount



STANDARD ROW CONFIGURATIONS

FIXTURE LENGTH	4'	8'	12'	16'	20'	24'	28'	32'	36'	40'	44'	48'	52'	56'	60'	64'	68'	72'	76'	80'	84'	88'	92'	96'	100'	104'	108'
4'	1																										
8'		1		2	1		2	1		2	1		2	1		2	1		2	1		2	1		2	1	
12'			1		1	2	1	2	3	2	3	4	3	4	5	4	5	6	5	6	7	6	7	8	7	8	9

DESCRIPTION

The EIM Series is an energy efficient family of industrials that feature premium performance and durability. The industrial series incorporates heavy duty, embossed, reflectors that precisely direct and effectively control light. The EIM reflector is a unique design that was developed to prevent debris accumulation in special applications. The versatile EIM Series can be installed using various mounting methods and numerous options and accessories are available.

The EIM Series can be utilized in simple task and area lighting to the most demanding specialized industrial applications with environmental requirements.

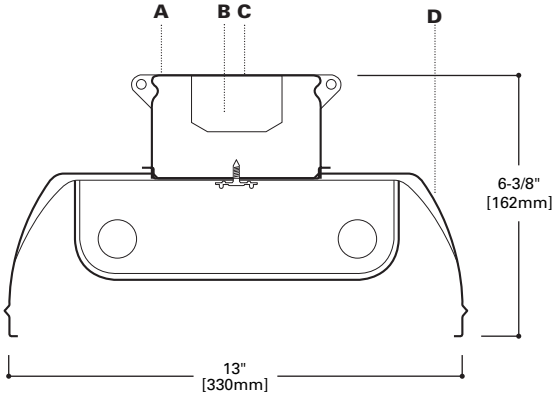
SPECIFICATION FEATURES

A ... Construction
Channel is code gauge prime cold rolled steel. Die formed with deep V-grooves for tong hanger. Die formed channel connector assures straight rows and continuity of ground through set screws. Lampholder mounting brackets are easily inserted with snap-in action.

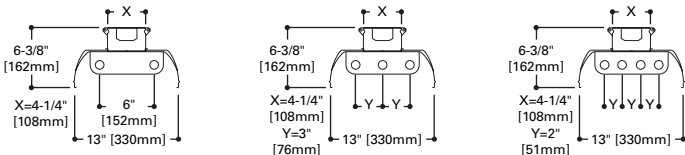
B ... Electrical*
Ballast are CBM/ETL Class "P" and positively secured by mounting bolts. Metal clad lampholders are spring loaded for turret safety. UL/CUL listed. Suitable for damp locations.

C ... Finish
Multistage iron phosphate pretreatment ensures maximum bonding and rust inhibitor. Lighting grade, baked white enamel finish.

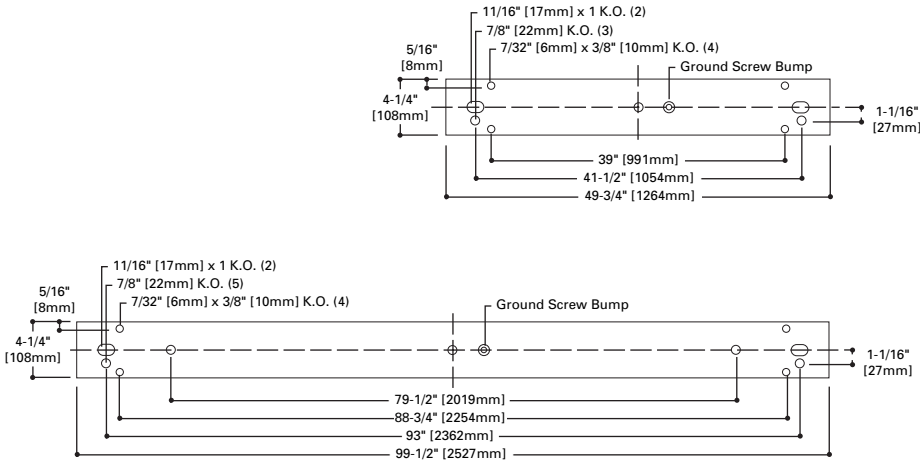
D ... Reflectors
Painted after fabrication. Die formed code gauge steel. Deep draw full width ribs formed with one press stroke. Side flanges lend strength with Downward turn. Reflector design prevents lint, dust and debris buildup. Easily cleaned. Baked white enamel 13" width. Four foot sections. Reflectors secured by positive retaining screw. Reflector aligners provided. Standard with 20% uplight (EIM). Closed top reflector (ECIM). Optional Industrial fixtures are available incorporating silver technology enhancements. (SilverLining) Consult Pre Sales Technical Support.



LAMP CONFIGURATIONS



MOUNTING DATA



EIM
240
232
340
332
440
432

4' INDUSTRIAL
2, 3 OR 4 LAMP
Environmental Heavy Duty
Industrial

ENERGY DATA

Input Watts:
EB Ballast & STD Lamps
240 (72)
232 (61)
340 (110)
332 (91)
440 (144)
432 (122)

ES Ballast & STD Lamps
240 (86)
232 (71)
340 (136)
332 (108)
440 (172)
432 (142)

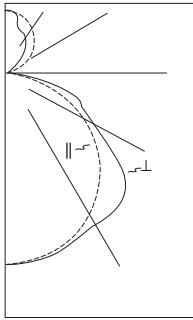
Luminaire Efficacy Rating
LER = FI-84
Catalog Number: EIM-232
Yearly Cost of 1000 lumens, 3000 hrs at .08 KWH = \$2.87

*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



**EIM-232**

Electronic Ballast

F32T8-SPX35 Lamps
2950 LumensSpacing criterion:
(H) 1.3 x mounting
height, (L) 1.4 x
mounting height

Efficiency 96.3%

Test Report:

EIM232.IES

LER = FI-84

Yearly Cost of 1000
lumens, 3000 hrs at
.08 KWH = \$2.87**Coefficients of Utilization**

		Effective floor cavity reflectance										20%									
		80%					70%					50%					30%				
rc	rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																					
0	111	111	111	111	111	106	106	106	106	98	98	98	90	90	90	83	83	83	79		
1	100	96	91	88	88	96	92	88	85	85	82	79	78	76	73	72	70	68	65		
2	91	83	76	70	70	87	79	73	68	73	68	64	68	64	60	62	59	56	53		
3	82	72	64	58	58	79	69	62	56	64	58	53	59	54	50	55	51	47	44		
4	75	64	55	49	49	72	61	53	47	57	50	45	52	47	42	48	44	40	37		
5	69	56	48	41	41	66	54	46	40	50	44	38	47	41	36	43	38	35	32		
6	63	51	42	36	36	60	49	41	35	45	38	33	42	36	32	39	34	30	28		
7	59	46	37	31	31	56	44	36	31	41	34	29	38	32	28	36	30	27	24		
8	54	41	33	28	28	52	40	32	27	37	31	26	35	29	25	33	27	24	22		
9	51	38	30	25	25	48	37	29	24	34	28	23	32	26	22	30	25	21	19		
10	47	35	27	22	22	45	34	27	22	32	25	21	30	24	20	28	23	19	17		

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	1124	19.1	19.8
0-40	1885	32.0	33.2
0-60	3544	60.1	62.4
0-90	4687	79.4	82.5
90-180	994	16.8	17.5
0-180	5680	96.3	100.0

Candela

Angle	Along H	45°	Across L
0	1406	1406	1406
10	1390	1391	1394
20	1322	1346	1358
30	1211	1257	1294
40	1062	1146	1272
50	870	1057	1093
60	645	833	728
70	398	501	590
80	164	213	147
90	9	37	23
100	34	77	63
110	109	22	49
120	193	74	26
130	267	175	102
140	336	291	217
150	393	314	336
160	433	401	337
170	456	454	454
180	459	459	459

ORDERING INFORMATION

SAMPLE NUMBER: EIM-232-120V-EB81-U

Tandem Blank=4' Length 8T=8' Length	Silver⁽³⁾ Reflector SS= Silver- Lining Reflector	Number of Lamps 2, 3 or 4 Lamps (Not included)	Wattage (Length) 40=34/40W T12 (48") 32=32W T8 (48")	Ballast Type⁽¹⁾ EB8_=T8 Electronic Instant Start. Total Harmonic Distortion < 10% No. of Ballast 1, 2 or 3 EB8_/PLUS=T8 Electronic Instant Start. High Ballast Factor >1.13, Total Harmonic Distortion < 20% No. of Ballast 1, 2 or 3 EB8_=T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10% No. of Ballast 1, 2 or 3 EB2_=T12 Electronic Rapid Start. No. of Ballast 1 or 2	Options RIF1=Radio Interference Suppressor 6-3/18 SJT-C&P-515P=Cord & Plug (120V) 6-3/18 SJT-C&P- L715P=Cord & Plug (277V) PI/CP1=Plug-In Option TILW=Tandem In-Line Wiring Option (Consult TILW Option Catalog Page) POX=Porlux Finish (See options & accessories)	Packaging U=Unit Pack 4B=4 Bulk
Series EIM= Apertured Reflector ECIM=Closed Top Reflector	Lamp Spacing Blank=Standard Spacing N=Narrow Spacing for 2 Lamp Only (10% uplight)	Voltage⁽¹⁾ 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277 ⁽²⁾	Options GL=Single Element Fuse GM=Double Element Fuse EL=Emergency Installed			

NOTES: ⁽¹⁾Products also available in non-US voltages and frequencies for international markets.⁽²⁾Not available when specifying emergencies, voltage must be specific.⁽³⁾Silver lining not available on fixtures with HO, VHO or PG.Specifications & dimensions subject to change without notice. Consult your Cooper Lighting
Representative for availability and ordering information.**ACCESSORIES**

(Order Separately)

A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling
(Use 2 per fixture)

ATG-4=Tong Hanger (Use 2 per fixture)

SCF=Fixed Stem Set (Specify Length)

SCS=Swivel Stem Set (Specify Length)

SCA=Adjustable 48" Stem Set

AYC-Chain/Set-U=Chain Hanger Set (Use 1 set per fixture)

WG/DI-4FT-U=Wire Guard

WGG/DI-4FT-U=Wire Gym Guard

DI2=Long Connector

CEP=Closed End Plate

(Note: Reflector will extend 1/4" past the end plate).

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

SHIPPING INFORMATION

Catalog No.	Wt.
EIM-232	15 lbs.
8TEIM-232	32 lbs.
EIM-332	25 lbs.
EIM-432	25 lbs.

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 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*

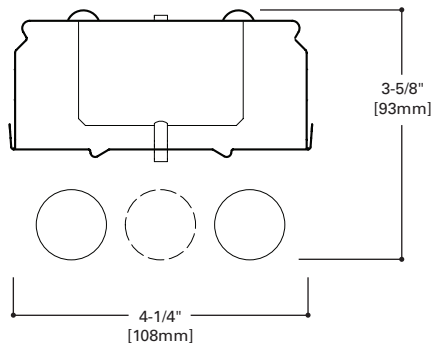
Ballasts are CBM/ETL Class "P" and are positively secured by mounting bolts. Rotor Lock lampholders. UL/CUL listed. Suitable for damp locations.

Finish

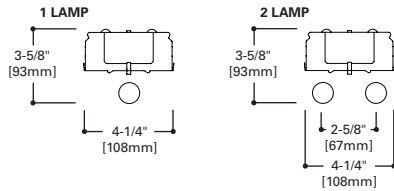
Multistage iron phosphate pretreatment ensures maximum bonding and rust inhibitor. Lighting upgrade, baked white enamel finish. Prepainted material is standard, PAF optional.

Application

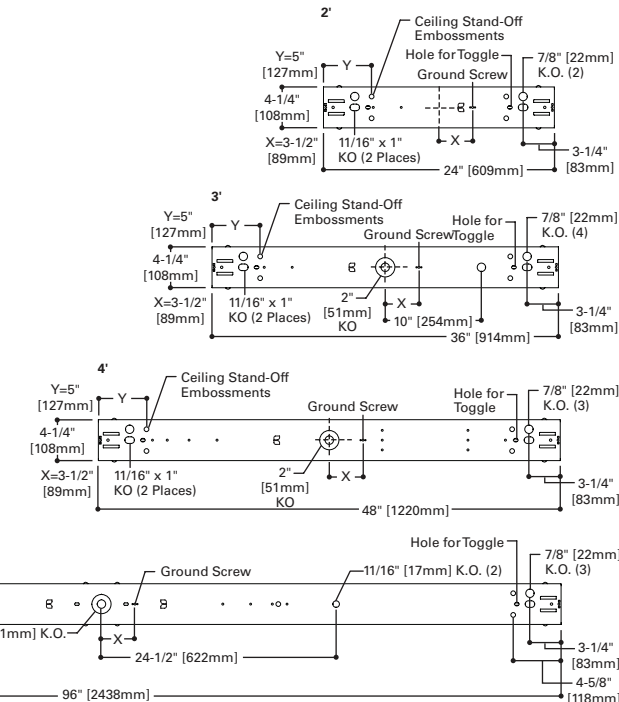
The SSF Series can be the illumination solution in commercial, industrial, retail and residential applications. Fixtures can be used in storage/utility areas, coves, display cases, shops, task and general area lighting.



LAMP CONFIGURATIONS



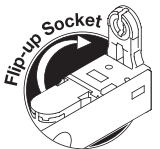
MOUNTING DATA



SSF
117, 125
128T8
132, 217, 225
228T8
232
328T8
332

2', 3' OR 4' STRIP
1, 2 OR 3 T8 LAMPS

Standard Striplite



ENERGY DATA

Input Watts:

EB Ballasts Normal Ballast Factor
117 (20), 217 (34), 125 (23), 225 (53),
128T8 (25), 228T8 (49), 328T8 (71),
132 (28), 232 (58), 332 (80)

EB Ballasts Low Ballast Factor
125 (21), 225 (40), 128T8 (22),
228T8 (44), 328T8 (64), 132 (25),
232 (48), 332 (72)

Luminaire Efficacy Rating

LER = FS-88

Catalog Number: SSF-232

Yearly Cost of 1000 lumens,
3000 hrs at .08 KWH = \$2.73

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

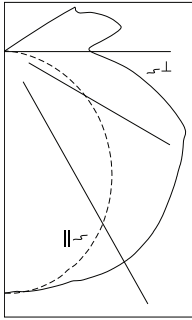
**LAMPS CONTAIN MERCURY. DISPOSE ACCORDING
TO LOCAL, STATE OR FEDERAL LAWS**

LINEAR DISCONNECT

Safe and convenient means of
disconnecting power.



PHOTOMETRICS

**SSF-228T8**

Electronic Ballast

F28T8-SP35-UMX-
ECO Lamps
2750 LumensSpacing criterion:
(H) 1.3 x mounting
height, (L) 1.5 x
mounting height

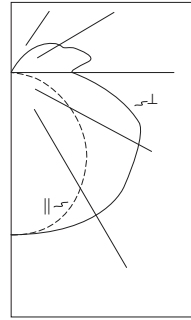
Efficiency 86.2%

Test Report:
SS232.IES

LER = FS95

Yearly Cost of 1000
lumens, 3000 hrs at
.08 KWH = \$2.53**Candlepower**

Angle	Along H	45°	Across L
0	929	929	929
5	927	928	927
10	916	925	928
15	896	914	927
20	869	899	936
25	834	888	945
30	792	876	949
35	742	860	946
40	687	837	934
45	627	808	915
50	561	771	889
55	492	727	866
60	418	675	845
65	340	632	818
70	261	598	775
75	181	554	674
80	106	443	568
85	41	340	453
90	5	234	349

**SSF-232**

Electronic Ballast

FO32T8 Lamps
2900 LumensSpacing criterion:
(H) 1.3 x mounting
height, (L) 1.6 x
mounting height

Efficiency 91.6%

Test Report:
SS232.IES

LER = FS-88

Yearly Cost of 1000
lumens, 3000 hrs at
.08 KWH = \$2.73**Candlepower**

Angle	Along H	45°	Across L
0	1017	1017	1017
5	1007	1010	1021
10	949	985	1030
15	857	951	1042
20	738	906	1029
25	588	830	978
30	422	727	920
35	252	632	834
40	104	456	601
45	0	253	393
50	0	320	518
55	0	246	430
60	0	199	353
65	0	131	263
70	0	69	167
75	0	17	76
80	0	1	7
85	0	0	0
90	0	0	0

Coefficients of Utilization

rc	Effective floor cavity reflectance												20%											
	80%				70%				50%				30%				10%				0%			
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
rw																								
RCR																								
0	99	99	99	99	95	95	95	95	88	88	88	81	81	81	75	75	75	73						
1	88	83	78	74	84	79	75	71	73	69	66	67	64	62	62	60	58	55						
2	79	70	63	57	75	67	61	56	62	57	52	57	53	49	52	49	46	43						
3	71	61	53	46	67	58	51	45	53	47	42	49	44	40	45	41	37	35						
4	64	53	45	38	61	51	43	37	47	40	35	43	38	33	40	35	31	29						
5	59	47	38	32	56	45	37	31	42	35	30	38	33	28	35	31	27	24						
6	54	42	34	28	51	40	33	27	37	31	26	34	29	24	32	27	23	21						
7	50	38	30	24	48	36	29	23	34	27	22	31	26	21	29	24	20	18						
8	46	34	26	21	44	33	26	21	31	24	20	28	23	19	26	22	18	16						
9	43	31	24	19	41	30	23	18	28	22	18	26	21	17	24	20	16	14						
10	40	29	22	17	39	28	21	17	26	20	16	24	19	15	23	18	14	13						

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	758	13.8	16.0
0-40	1291	23.5	27.2
0-60	2533	46.1	53.5
0-90	3988	72.5	84.2
90-180	751	13.6	15.8
0-180	4739	86.2	100.0

Coefficients of Utilization

Effective floor cavity reflectance										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		
RCR																							
0	105	105	105	105	100	100	100	100	92	92	92	84	84	84	77	77	77	74					
1	93	87	83	78	88	84	79	75	76	73	70	70	67	64	64	61	59	56					
2	83	74	67	61	79	71	65	59	65	60	55	59	55	51	54	51	47	44					
3	75	64	56	49	71	62	54	48	56	50	45	51	46	42	47	42	39	36					
4	68	56	48	41	65	54	46	40	49	43	37	45	39	35	41	36	32	30					
5	62	50	41	35	59	48	40	34	44	37	32	40	34	30	37	32	28	25					
6	57	44	36	30	54	43	35	29	39	32	27	36	30	26	33	28	24	22					
7	53	40	32	26	50	38	31	25	35	29	24	33	27	22	30	25	21	19					
8	49	36	28	23	47	35	27	22	32	26	21	30	24	20	27	22	19	17					
9	46	33	25	20	44	32	25	20	30	23	19	27	22	18	25	20	17	15					
10	43	30	23	18	41	29	22	18	27	21	17	25	20	16	23	18	15	13					

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	830	14.3	15.6
0-40	1411	24.3	26.6
0-60	2753	47.5	51.8
0-90	4288	73.9	80.7
90-180	1023	17.6	19.3
0-180	5311	91.6	100.0

ORDERING INFORMATION

SAMPLE NUMBER: SSF-232-UNV-EB81-U

Tandem Blank=2', 3' or 4' Length 8T=8' Length	Number of Lamps (Not Included) 1=1 Lamp 2=2 Lamps 3=3 Lamps ⁽¹⁾	Voltage⁽²⁾ 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277	Options⁽²⁾ GL=Single Element Fuse GM=Double Element Fuse EL4=Emergency Installed ⁽⁴⁾ ⁽⁵⁾	Ballast Type⁽²⁾ EB8 =T8 Electronic Instant Start. Total Harmonic Distortion < 10% No. of Ballast 1 or 2 EB8 /PLUS= T8 Electronic Instant Start. High Ballast Factor >1.13. Total Harmonic Distortion < 10% No. of Ballast 1 or 2 ER8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10% No. of Ballast 1 or 2 ER8 /PLUS= T8 Electronic Program Start. High Ballast Factor >1.13. Total Harmonic Distortion < 10% No. of Ballast 1 or 2	Options 6-3/18 SJT-C&P-515P=Cord & Plug (120V) (15 AMP) ⁽⁶⁾ 6-3/18 SJT-C&P-L715P=Cord & Plug (277V) (15 AMP) ⁽⁶⁾ PI/CPI=Plug-In Option ⁽⁶⁾ TILW=Tandem In-Line Wiring Option (Consult TILW Option Catalog Page) ⁽⁶⁾
Series SSF=Commercial Standard Striplite	Wattage 17=17W T8 (24") 25=25W T8 (36") 28T8=28W T8 (48") ⁽⁷⁾ 32=32W T8 (48")	ACCESSORIES (Order Separately) A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 Per Fixture) GRP-SSF=Gripper Hanger (Use 2 Per Fixture) AVC-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 CLC-SSF=Long Channel Connector SSF SSF-ASY-4 ⁽³⁾ =3" Asymmetric Reflector (Specify 2', 3', or 4') SSF-REV-4 ⁽³⁾ =3" Asymmetric Reverse Reflector SSF (Specify 2', 3', or 4') SSF-SYM-4 ⁽³⁾ =6" Symmetric Reflector Specify (2', 3' or 4') ICF-4FT-REFL=12" Symmetric Reflector WG/SSF-2FT=2' Wire Guard WG/SSF-3FT=3' Wire Guard WG/SSF-4FT=4' Wire Guard TOGGLE=Single Toggle NO. 2 (Specify Length) Y-TOGGLE=Y Toggle NO. 2 (Specify Length)			

SHIPPING DATA

Catalog No.	Wt.
SSF-117	7 lbs.
SSF-217	7 lbs.
SSF-125	9 lbs.
SSF-225	9 lbs.
SSF-128T8	9 lbs.
SSF-228T8	9 lbs.
SSF-132	7 lbs.
8TSSF-132	16 lbs.
SSF-232	9 lbs.
8TSSF-232	20 lbs.

ACCESSORIES

(Order Separately)

A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 Per Fixture)

GRP-SSF=Gripper Hanger (Use 2 Per Fixture)

AVC-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

CLC-SSF=Long Channel Connector SSF

SSF-ASY-4⁽³⁾=3" Asymmetric Reflector (Specify 2', 3', or 4')SSF-REV-4⁽³⁾=3" Asymmetric Reverse Reflector SSF (Specify 2', 3', or 4')SSF-SYM-4⁽³⁾=6" Symmetric Reflector Specify (2', 3' or 4')

ICF-4FT-REFL=12" Symmetric Reflector

WG/SSF-2FT=2' Wire Guard

WG/SSF-3FT=3' Wire Guard

WG/SSF-4FT=4' Wire Guard

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⁾Available in 28T8 and 32 watt. Requires two ballasts for Tandem option. ⁽²⁾Products also available in non-US voltages and frequencies for international markets. ⁽³⁾For SilverLining reflector add SS in Catalog Number, Example: SSF-ASY-SS-4. ⁽⁴⁾Not available for 2' version. ⁽⁵⁾For other emergency options specify manufacturer part number and consult the factory for availability (example: ELFBP240H). ⁽⁶⁾Socket brackets left uninstalled. ⁽⁷⁾When utilizing 28W T8 lamps, HPT8 Ballast must be specified. Other ballast restrictions may apply. Consult your Eaton Representative for availability and ordering information.

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

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 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*

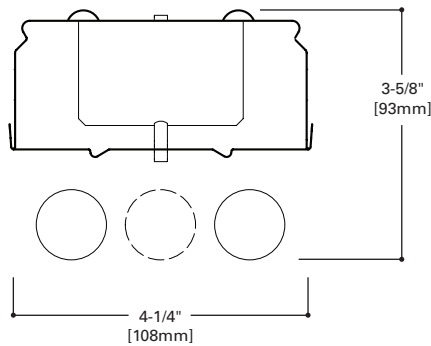
Ballasts are CBM/ETL Class "P" and are positively secured by mounting bolts. Rotor Lock lampholders. UL/CUL listed. Suitable for damp locations.

Finish

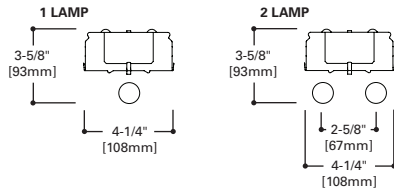
Multistage iron phosphate pretreatment ensures maximum bonding and rust inhibitor. Lighting upgrade, baked white enamel finish. Prepainted material is standard, PAF optional.

Application

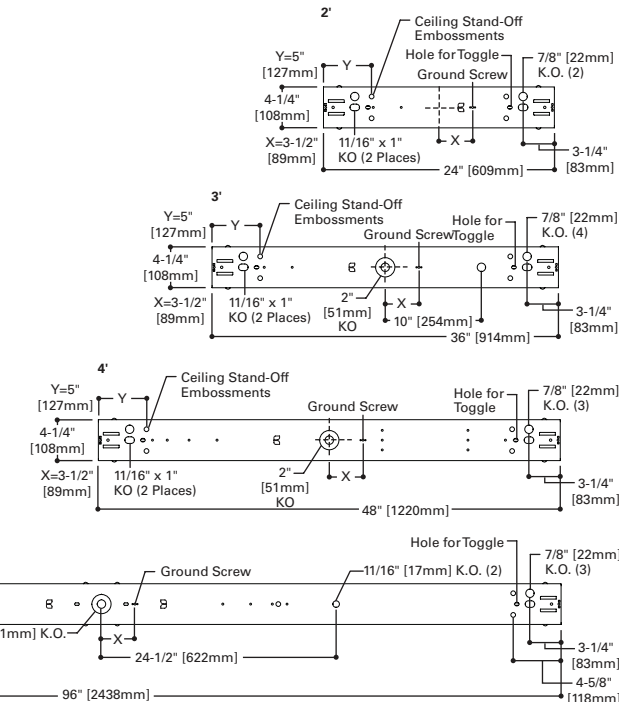
The SSF Series can be the illumination solution in commercial, industrial, retail and residential applications. Fixtures can be used in storage/utility areas, coves, display cases, shops, task and general area lighting.



LAMP CONFIGURATIONS



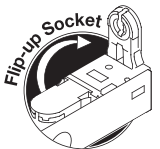
MOUNTING DATA



SSF
117, 125
128T8
132, 217, 225
228T8
232
328T8
332

2', 3' OR 4' STRIP
1, 2 OR 3 T8 LAMPS

Standard Striplite



ENERGY DATA

Input Watts:

EB Ballasts Normal Ballast Factor
117 (20), 217 (34), 125 (23), 225 (53),
128T8 (25), 228T8 (49), 328T8 (71),
132 (28), 232 (58), 332 (80)

EB Ballasts Low Ballast Factor
125 (21), 225 (40), 128T8 (22),
228T8 (44), 328T8 (64), 132 (25),
232 (48), 332 (72)

Luminaire Efficacy Rating

LER = FS-88

Catalog Number: SSF-232

Yearly Cost of 1000 lumens,
3000 hrs at .08 KWH = \$2.73

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

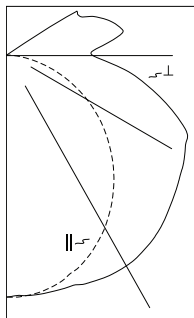
**LAMPS CONTAIN MERCURY. DISPOSE ACCORDING
TO LOCAL, STATE OR FEDERAL LAWS**

LINEAR DISCONNECT

Safe and convenient means of
disconnecting power.



PHOTOMETRICS

**SSF-228T8**

Electronic Ballast

F28T8-SP35-UMX-
ECO Lamps
2750 LumensSpacing criterion:
(II) 1.3 x mounting
height, (L) 1.5 x
mounting height

Efficiency 86.2%

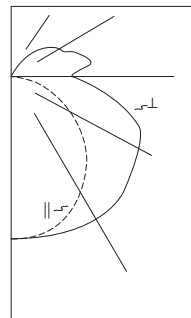
Test Report:

SS232.IES

LER = FS95

Yearly Cost of 1000
lumens, 3000 hrs at
.08 KWH = \$2.53**Candlepower**

Angle	Along II	45°	Across L
0	929	929	929
5	927	928	927
10	916	925	928
15	896	914	927
20	869	899	936
25	834	888	945
30	792	876	949
35	742	860	946
40	687	837	934
45	627	808	915
50	561	771	889
55	492	727	866
60	418	675	845
65	340	632	818
70	261	598	775
75	181	554	674
80	106	443	568
85	41	340	453
90	5	234	349

**SSF-232**

Electronic Ballast

FO32T8 Lamps
2900 LumensSpacing criterion:
(II) 1.3 x mounting
height, (L) 1.6 x
mounting height

Efficiency 91.6%

Test Report:

SS232.IES

LER = FS-88

Yearly Cost of 1000
lumens, 3000 hrs at
.08 KWH = \$2.73**Candlepower**

Angle	Along II	45°	Across L
0	1017	1017	1017
5	1007	1010	1021
10	949	985	1030
15	857	951	1042
20	738	906	1029
25	588	830	978
30	422	727	920
35	252	632	834
40	104	456	601
45	0	253	393
50	0	320	518
55	0	246	430
60	0	199	353
65	0	131	263
70	0	69	167
75	0	17	76
80	0	1	7
85	0	0	0
90	0	0	0

Coefficients of Utilization

		Effective floor cavity reflectance												20%											
rc	rw	80%				70%				50%				30%				10%				0%			
		70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0						
RCR																									
0		99	99	99	99	95	95	95	95	88	88	88	81	81	81	75	75	75	73						
1		88	83	78	74	84	79	75	71	73	69	66	67	64	62	62	60	58	55						
2		79	70	63	57	75	67	61	56	62	57	52	57	53	49	52	49	46	43						
3		71	61	53	46	67	58	51	45	53	47	42	49	44	40	45	41	37	35						
4		64	53	45	38	61	51	43	37	47	40	35	43	38	33	40	35	31	29						
5		59	47	38	32	56	45	37	31	42	35	30	38	33	28	35	31	27	24						
6		54	42	34	28	51	40	33	27	37	31	26	34	29	24	32	27	23	21						
7		50	38	30	24	48	36	29	23	34	27	22	31	26	21	29	24	20	18						
8		46	34	26	21	44	33	26	21	31	24	20	28	23	19	26	22	18	16						
9		43	31	24	19	41	30	23	18	28	22	18	26	21	17	24	20	16	14						
10		40	29	22	17	39	28	21	17	26	20	16	24	19	15	23	18	14	13						

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	758	13.8	16.0
0-40	1291	23.5	27.2
0-60	2533	46.1	53.5
0-90	3988	72.5	84.2
90-180	751	13.6	15.8
0-180	4739	86.2	100.0

Coefficients of Utilization

Effective floor cavity reflectance										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			
RCR																					
0	105	105	105	105	100	100	100	100	92	92	92	84	84	84	77	77	77	74			
1	93	87	83	78	88	84	79	75	76	73	70	70	67	64	64	61	59	56			
2	83	74	67	61	79	71	65	59	65	60	55	59	55	51	54	51	47	44			
3	75	64	56	49	71	62	54	48	56	50	45	51	46	42	47	42	39	36			
4	68	56	48	41	65	54	46	40	49	43	37	45	39	35	41	36	32	30			
5	62	50	41	35	59	48	40	34	44	37	32	40	34	30	37	32	28	25			
6	57	44	36	30	54	43	35	29	39	32	27	36	30	26	33	28	24	22			
7	53	40	32	26	50	38	31	25	35	29	24	33	27	22	30	25	21	19			
8	49	36	28	23	47	35	27	22	32	26	21	30	24	20	27	22	19	17			
9	46	33	25	20	44	32	25	20	30	23	19	27	22	18	25	20	17	15			
10	43	30	23	18	41	29	22	18	27	21	17	25	20	16	23	18	15	13			

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	830	14.3	15.6
0-40	1411	24.3	26.6
0-60	2753	47.5	51.8
0-90	4288	73.9	80.7
90-180	1023	17.6	19.3
0-180	5311	91.6	100.0

ORDERING INFORMATION

SAMPLE NUMBER: SSF-232-UNV-EB81-U

Tandem Blank=2', 3' or 4' Length 8T=8' Length	Number of Lamps (Not Included) 1=1 Lamp 2=2 Lamps 3=3 Lamps ⁽¹⁾	Voltage⁽²⁾ 120V=120 Volt 277V=277 Volt 347V=347 Volt UNV=Universal Voltage 120-277	Options⁽²⁾ GL=Single Element Fuse GM=Double Element Fuse EL4=Emergency Installed ⁽⁴⁾ ⁽⁵⁾	Ballast Type⁽²⁾ EB8 =T8 Electronic Instant Start. Total Harmonic Distortion < 10% No. of Ballast 1 or 2 EB8 /PLUS=T8 Electronic Instant Start. High Ballast Factor >1.13. Total Harmonic Distortion < 10% No. of Ballast 1 or 2 ER8 =T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10% No. of Ballast 1 or 2 ER8 /PLUS=T8 Electronic Program Start. High Ballast Factor >1.13. Total Harmonic Distortion < 10% No. of Ballast 1 or 2	Options 6-3/18 SJT-C&P-515P=Cord & Plug (120V) (15 AMP) ⁽⁶⁾ 6-3/18 SJT-C&P-L715P=Cord & Plug (277V) (15 AMP) ⁽⁶⁾ PI/CPI=Plug-In Option ⁽⁶⁾ TILW=Tandem In-Line Wiring Option (Consult TILW Option Catalog Page) ⁽⁶⁾
Series SSF=Commercial Standard Striplite	Wattage 17=17W T8 (24") 25=25W T8 (36") 28T8=28W T8 (48") ⁽⁷⁾ 32=32W T8 (48")	ACCESSORIES (Order Separately) A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 Per Fixture) GRP-SSF=Gripper Hanger (Use 2 Per Fixture) AVC-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 CLC-SSF=Long Channel Connector SSF SSF-ASY-4 ⁽³⁾ =3" Asymmetric Reflector (Specify 2', 3', or 4') SSF-REV-4 ⁽³⁾ =3" Asymmetric Reverse Reflector SSF (Specify 2', 3', or 4') SSF-SYM-4 ⁽³⁾ =6" Symmetric Reflector Specify (2', 3' or 4') ICF-4FT-REFL=12" Symmetric Reflector WG/SSF-2FT=2' Wire Guard WG/SSF-3FT=3' Wire Guard WG/SSF-4FT=4' Wire Guard TOGGLE=Single Toggle NO. 2 (Specify Length) Y-TOGGLE=Y Toggle NO. 2 (Specify Length)			

SHIPPING DATA

Catalog No.	Wt.
SSF-117	7 lbs.
SSF-217	7 lbs.
SSF-125	9 lbs.
SSF-225	9 lbs.
SSF-128T8	9 lbs.
SSF-228T8	9 lbs.
SSF-132	7 lbs.
8TSSF-132	16 lbs.
SSF-232	9 lbs.
8TSSF-232	20 lbs.

ACCESSORIES

(Order Separately)

A1B/Spacer-U=Spacer 1-1/2" to 2-1/2" from ceiling (Use 2 Per Fixture)

GRP-SSF=Gripper Hanger (Use 2 Per Fixture)

AVC-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

CLC-SSF=Long Channel Connector SSF

SSF-ASY-4⁽³⁾=3" Asymmetric Reflector (Specify 2', 3', or 4')SSF-REV-4⁽³⁾=3" Asymmetric Reverse Reflector SSF (Specify 2', 3', or 4')SSF-SYM-4⁽³⁾=6" Symmetric Reflector Specify (2', 3' or 4')

ICF-4FT-REFL=12" Symmetric Reflector

WG/SSF-2FT=2' Wire Guard

WG/SSF-3FT=3' Wire Guard

WG/SSF-4FT=4' Wire Guard

TOGGLE=Single Toggle NO. 2 (Specify Length)

Y-TOGGLE=Y Toggle NO. 2 (Specify Length)

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

Packaging
U=Unit Pack
4B=4 Bulk Packing (48" and 96")
HPT8 Ballast

HB8_L=T8 Electronic Instant Start. Low Ballast Factor .77

HB8 =T8 Electronic Instant Start. Ballast Factor .88

HB8_N=T8 Electronic Instant Start. Normal Ballast Factor 1.0

HB8_H=T8 Electronic Instant Start. High Ballast Factor 1.15-1.2

HB8_DIM=T8 Electronic Program Start Step Dimming. Ballast Factor .88

HB8_L=T8 Electronic Program Start. Low Ballast Factor .77 max.

HB8 =T8 Electronic Program Start. Ballast Factor .88

HB8_H=T8 Electronic Program Start. High Ballast Factor 1.15-1.2

NOTES: ⁽¹⁾Available in 28T8 and 32 watt. Requires two ballasts for Tandem option. ⁽²⁾Products also available in non-US voltages and frequencies for international markets. ⁽³⁾For SilverLining reflector add SS in Catalog Number, Example: SSF-ASY-SS-4. ⁽⁴⁾Not available for 2' version. ⁽⁵⁾For other emergency options specify manufacturer part number and consult the factory for availability (example: ELFBP240H). ⁽⁶⁾Socket brackets left uninstalled. ⁽⁷⁾When utilizing 28W T8 lamps, HPT8 Ballast must be specified. Other ballast restrictions may apply. Consult your Eaton Representative for availability and ordering information.

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

COOPER LIGHTING - METALUX®

DESCRIPTION

The SS Series is a functional and multi-purpose wide strip family that incorporates premium performance and construction durability. The performance and application versatility of this series can be increased by incorporating symmetrical or asymmetrical reflectors. The SS Series can be installed using various mounting methods and numerous options and accessories are available.

The SS 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.

SPECIFICATION FEATURES

A ... Construction

Channel die formed code gauge prime cold rolled steel. Numerous KO's for ease of installation. End plate quickly converts to snap-in channel connector for continuous row alignment. Lampholder mounting brackets easily installed with snap-in action. Channel/wireway cover secured with quarter-turn fasteners.

B ... Electrical*

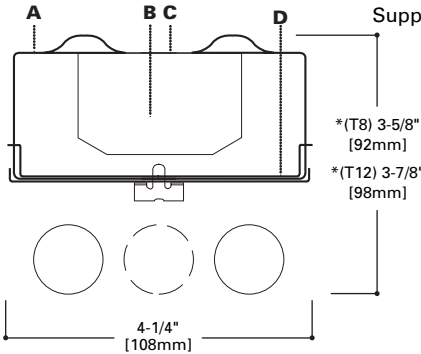
Ballasts are CBM/ETL Class "P" and are positively secured by mounting bolts. Pressure lock lampholders. UL/CUL listed. Suitable for damp locations.

C ... Finish

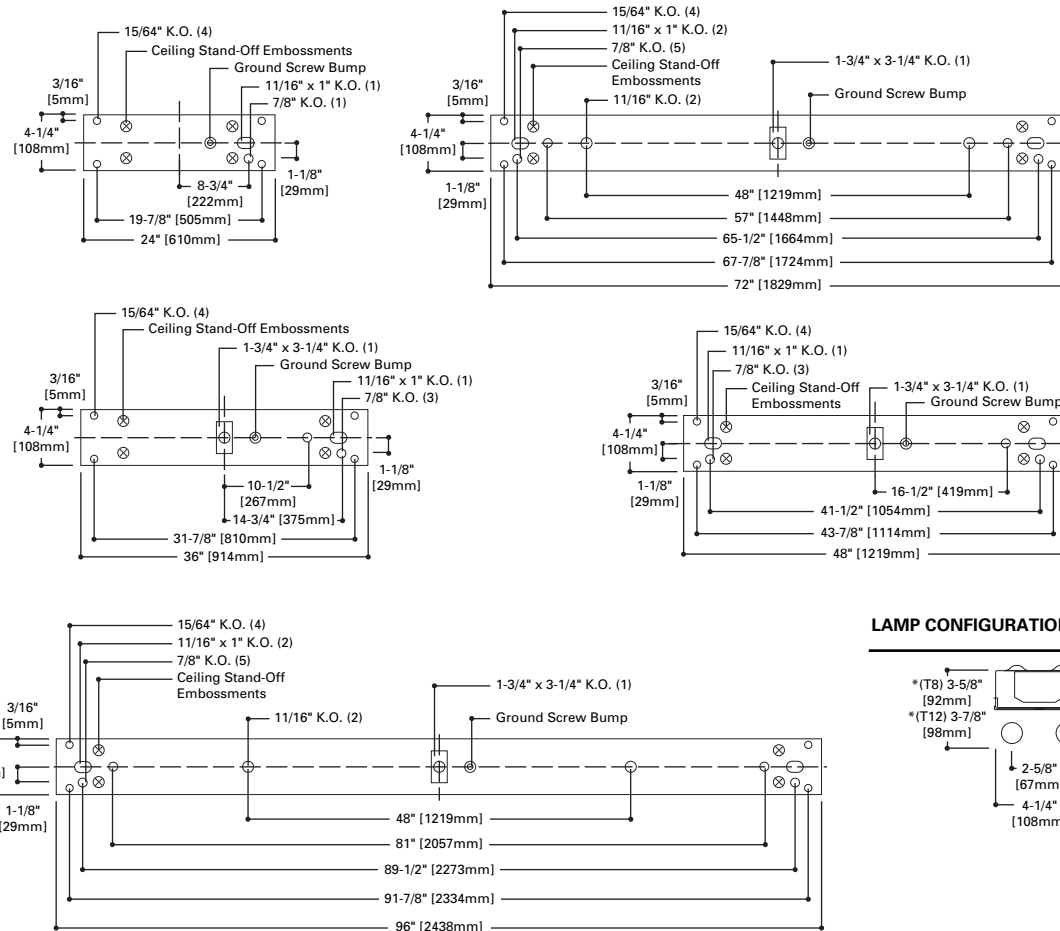
Multistage iron phosphate pretreatment ensures maximum bonding and rust inhibitor. Lighting upgrade, baked white enamel finish.

D ... Channel/Wireway Cover

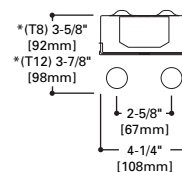
Die formed heavy gauge steel. Tight fit for ease of maintenance. Easily removed without use of tools. Optional reflector available incorporating silver technology enhancements. (Silver Lining) Consult Pre Sales Technical Support.



MOUNTING DATA



LAMP CONFIGURATIONS



SS
120
117
140
132
220
217
230
225
240
232

2' STRIP
1 OR 2 LAMP LTS OR HITS
3' or 4' STRIP
1 OR 2 LAMP
Standard Striplight

ENERGY DATA

Input Watts:

EB Ballast & STD Lamps

117 (20), 217 (36), 130 (50), 125 (37)
140 (38), 132 (30), 230 (60), 225 (47)
240 (72), 232 (61)

ES Ballast & STD Lamps

125 (33), 140 (38), 132 (30), 117 (23)
217 (45), 230 (74), 225 (65), 240 (86)
232 (71)

STD Ballast & STD Lamps

120 (32), 220 (58)

Luminaire Efficacy Rating

LER = FS-88

Catalog Number: SS-232

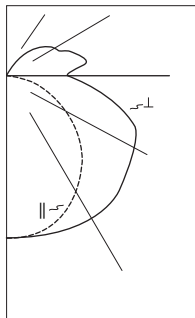
Yearly Cost of 1000 lumens,
3000 hrs at .08 KWH = \$2.73

*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



**SS-232**

Electronic Ballast

FO32T8 Lamps

2900 Lumens

Spacing criterion:

(H) 1.3 x mounting

height, (L) 1.6 x

mounting height

Efficiency 91.6%

Test Report:

SS232.IES

LER = FS-88

Yearly Cost of 1000

lumens, 3000 hrs at

.08 KWH = \$2.73

Coefficients of Utilization

		Effective floor cavity reflectance								20%							
		80%				70%				50%				30%			
rc																	
rw		70	50	30	10	70	50	30	10	50	30	10		50	30	10	0
RCR																	
0	105	105	105	105	105	100	100	100	100	92	92	92		84	84	84	74
1	93	87	83	78		88	84	79	75	76	73	70		70	67	64	56
2	83	74	67	61		79	71	65	59	65	60	55		59	55	51	44
3	75	64	56	49		71	62	54	48	56	50	45		51	46	42	36
4	68	56	48	41		65	54	46	40	49	43	37		45	39	35	30
5	62	50	41	35		59	48	40	34	44	37	32		40	34	30	25
6	57	44	36	30		54	43	35	29	39	32	27		36	30	26	22
7	53	40	32	26		50	38	31	25	35	29	24		33	27	22	19
8	49	36	28	23		47	35	27	22	32	26	21		30	24	20	17
9	46	33	25	20		44	32	25	20	30	23	19		27	22	18	15
10	43	30	23	18		41	29	22	18	27	21	17		25	20	16	13

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	830	14.3	15.6
0-40	1411	24.3	26.6
0-60	2753	47.5	51.8
0-90	4288	73.9	80.7
90-180	1023	17.6	19.3
0-180	5311	91.6	100.0

Candela

Angle	Along H	45°	Across L
0	1017	1017	1017
10	1007	1010	1021
20	949	985	1030
30	857	951	1042
40	738	906	1029
50	588	830	978
60	422	727	920
70	252	632	834
80	104	456	601
90	0	253	393
100	0	320	518
110	0	246	430
120	0	199	353
130	0	131	263
140	0	69	167
150	0	17	76
160	0	1	7
170	0	0	0
180	0	0	0

ORDERING INFORMATION

Sample Number: SS-232-120V-EB81-U

Tandem Blank: 2', 3' or 4' Length 6T: 6' Length 8T: 8' Length		Number of Lamps 1 Lamp (Not Included) 2 Lamps (Not Included)		Ballast Start Type LTS: Low Trigger Start (20W only) (120V only) HTS: High Trigger Start (20W only)		Ballast Type ¹ LE3: T12 Magnetic Energy Saving EB: Electronic Instant Start ER: T8 Electronic Program Rapid Start. Total Harmonic Distortion < 10% DLS: Digital Lighting System Dimming		Options ³ /PLUS: Higher Ballast Factor > 1.13. Total Harmonic Distortion < 20% RLS: Rotor Lock Socket (T8 Lamp only) RIF1: Radio Interference Suppressor 6-3/18 SJT-C&P-515P: Cord & Plug (120V) 6-3/18 SJT-C&P-L715P: Cord & Plug (277V) TILW: Tandem In Line Wiring Option (Consult TILW Option Catalog Page) PI/CPI: Plug-In Option		Packaging U: Unit Pack 4B: 4 Bulk Packing	
Series SS: Commercial Wide Striplite		Wattage 20: 20W T12 (24") 17: 17W T8 (24") 25: 25W T8 (36") 30: 30W T12 (36") 32: 32W T8 (48") 40: 40W T12 (48")		Voltage ¹ 120V: 120 Volt 277V: 277 Volt 347V: 347 Volt UNV: Universal Voltage 120-277 ²		Lamp Size 2: T12 8: T8		Number of Ballasts 1: 1 Ballast 2: 2 Ballast			
				Options ³ GL: Single Element Fuse GM: Double Element Fuse Emergency: EM Installed ⁴							

- Notes:**
- Products also available in non-US voltage and frequencies for international markets
 - Not Available when specifying emergencies, voltage must be specific
 - For SilverLining reflector add SR in Catalog Number. Example: STN/SS-SR-SYM-6
 - Non available for 2' version.

SHIPPING INFORMATION

Catalog No.	Wt.
SS-117	7 lbs.
SS-217	7 lbs.
SS-125	9 lbs.
6TSS-125	16 lbs.
SS-225	9 lbs.
6TSS-225	15 lbs.
SS-132	9 lbs.
8TSS-132	16 lbs.
SS-232	7 lbs.
8TSS-232	20 lbs.

ACCESSORIES

A1B=Spacer
 GRP-SS=Gripper Hanger (Use 2 Per Fixture)
 AYC=Chain/Set=36" Chain Hanger (Use 1 Set Per Fixture)
 SCF=Fixed Stem Set (Specify Length)
 SCS=Swivel Stem Set (Specify Length)
 CLC=Long Channel Connector
 STN/SS-ASY-3⁽⁴⁾=3" Asymmetric Reflector (Specify 2', 3', or 4')
 STN/SS-ASY/REV-3⁽⁴⁾=3" Asymmetric Reverse Reflector (Specify 2', 3', or 4')
 STN/SS-SYM-6⁽⁴⁾=6" Symmetric Reflector (Specify 2', 3', or 4')
 STN/SS-ASY-6⁽⁴⁾=6" Asymmetric Reflector (Specify 2', 3', or 4')
 IC-4FTREFL⁽⁴⁾=12" Symmetric Reflector
 WG/SS-4FT=Wire Guard

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



Luminaire Type:
Catalog Number
(autopopulated):



Gotham Architectural Downlighting
Compact Fluorescent Downlights

6" AF Open Reflector

Horizontal Lamp
Triple-Tube

FEATURES

OPTICAL SYSTEM

- Self-flanged, semi-specular or matte-diffuse reflector. Patented Bounding Ray™ Optical Principle design (U.S. Patent No. 5,800,050). Minimum flange matches reflector finish.
- Baffle/Cone: Semi-specular clear upper reflector. Microgroove baffle with white painted flange or specular black cone with flange that matches cone finish.

MECHANICAL SYSTEM

- 16-gauge galvanized steel construction; maximum 7/8" ceiling thickness.
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment.
- Toolless post-installation adjustments.
- Junction box capacity: 8 (4 in, 4 out) 12AWG rated for 90°C.

ELECTRICAL SYSTEM

- Horizontally mounted, positive-latch, thermoplastic socket.
- Class P, thermally protected, high-power-factor electronic ballast mounted to the junction box.
- SIMPLY5™ technology available.

LISTING

- Fixtures are UL Listed for thru-branch wiring, non-IC recessed mounting and damp locations. Listed and labeled to comply with Canadian standards.

WARRANTY

- 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

EXAMPLE: AF 1/26TRT 6AR MVOLT

Series	Wattage/Lamp	Aperture/Trim color	Finish	Lens type	Voltage	Ballast ³
AF	1/13TRT	6AR Clear	(blank)	(blank) No lens	MVOLT ²	(blank) Electronic ballast
	1/18TRT	6PR Pewter	LD Semi-specular	CGL Clear glass lens	120	ECOS ^{2,4} Lutron® EcoSystem® electronic dimming ballast. Minimum dimming level 5%
	1/26TRT	6WTR Wheat	LD Matte-diffuse	PCL Clear polycarbonate lens	277	ADEZ ^{4,5} Advance Mark 10® electronic dimming ballast. Minimum dimming level 5%
	1/32TRT	6WR ¹ White painted		T73 Tempered prismatic lens	347	ADZT ² Advance Mark 7® electronic dimming ballast. Minimum dimming level 5%
	1/42TRT	6MB ¹ Black baffle		PPC Prismatic polycarbonate lens		
		6WB ¹ White baffle		FOL Flat opal lens		
		6BC ¹ Black cone				

Options

EL ⁶	Emergency battery pack with integral test switch	RRL ⁷	RELOC®-ready luminaire. Provides compatibility with Lithonia RELOC system. Access above ceiling required.
ELR ⁶	Emergency battery pack with remote test switch	CP ⁸	Chicago plenum
ELHL ⁶	High-lumen-output emergency battery pack with integral test switch	BDP ^{8,9}	Ballast disconnect plug
ELRHL ⁶	High-lumen-output emergency battery pack with remote test switch	HW	Hardwire for S5 system; replaces RELOC®
GMF ⁵	Single, slow-blow fuse	NEPP	Interface for Sensor Switch® nLight® network with integral power supply. Refer to TN-623-01.
GLR ⁵	Single, fast-blow fuse	WL	Wet location; lens required
TRW	White painted flange (standard on MB and WB)	WRL ¹⁰	Wattage restriction label
TRBL	Black painted flange	TWS	Twist lock socket
WLP	With 3500 K lamp (shipped separately)	CTAG ¹¹	Ceiling thickness adaptor (2-1/8" max thickness)

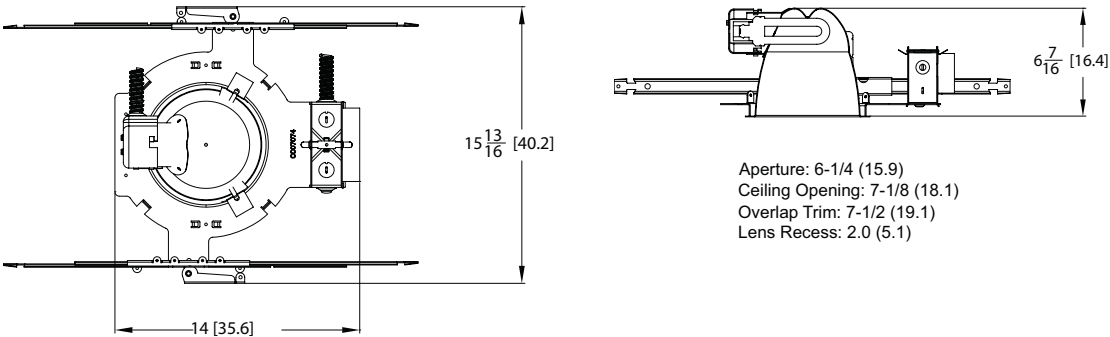
ACCESSORIES order as separate catalog numbers (shipped separately)

SCA6 Sloped ceiling adaptor. Degree of slope must be specified (10D, 15D, 20D, 25D, 30D). Ex: SCA6 10D.

6" AF
Open Reflector
Horizontal Lamp, Triple-Tube

DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



DIMENSIONAL NOTES

- Fixture height for 1/42TRT is 6-3/4 (17.1).

ELECTRICAL

ENERGY (Calculated in accordance with NEMA standard LE-5A)					
LER.DOL	Annual* Energy Cost	Lamps	Lamp Lumens	Ballast Factor	Input Watts
35	\$6.90	(1) 18W DTT	1200	1.00	20
40	\$5.96	(1) 26W DTT	1800	1.00	28
36	\$6.75	(2) 32W TRT	2400	0.98	36
39	\$6.11	(2) 42W TRT	3200	1.00	46
*Comparative yearly lighting energy cost per 1000 lumens					

NOTES

- ORDERING NOTES
1. Not available with finishes.

2. Multi-volt electronic ballast capable of operating on any voltage from 120V through 277V, 50 or 60 Hz.

3. For additional ballast types, refer to [TECH-250](#).

4. Not available with 13W.

5. Available in 120V or 277V only.

6. For dimensional changes, refer to [TECH-140](#).

7. For compatible RELOC systems, refer to [TECH-110](#).

8. Not available with emergency options.

9. Meets codes that require in-fixture disconnect.

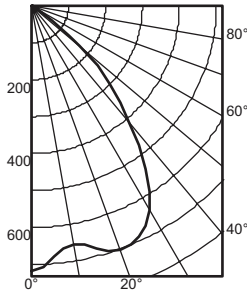
10. Must specify wattage. Ex.: WRL32

11. Not available with 42W.

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance: Single Luminaire 30" Above Floor
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AF 1/26TRT 6AR

(1) CF26TRT, 1800 LUMENS PER LAMP, 1.3 S/MH, TEST NO. LTL20419

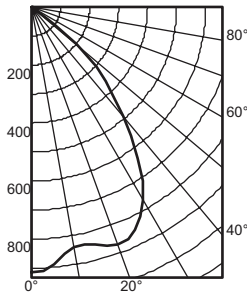


Ave Lumens	Zone Lumens % Lamp	pf pc pw	80% 50% 30% 10%	20% 70% 50% 30% 10%	50% 30% 10%	50% beam - 64.8°	10% beam - 95.4°
0 719	0° - 30° 572.2 31.8	0	79 79 79	77 77 77	74 74 74		
5 681 64	0° - 40° 904.5 50.2	1	73 71 69	71 69 68	68 67 66		
15 678 193	0° - 60° 1184.1 65.8	2	66 63 61	65 62 60	63 61 59		
25 690 315	0° - 90° 1195.2 66.4	3	61 57 54	60 56 53	58 55 52		
35 539 332	90° - 180° 0.0 0.0	4	56 51 48	55 51 48	53 50 47		
45 302 228	0° - 180° 1195.2 *66.4	5	51 46 43	50 46 43	49 45 42		
55 39 52	*Efficiency	6	47 42 39	46 42 39	45 41 38		
65 7 8		7	43 38 35	43 38 35	42 38 35		
75 3 3		8	40 35 32	40 35 32	39 35 32		
85 1 1		9	37 32 29	37 32 29	36 32 29		
90 0		10	34 30 27	34 30 27	34 30 27		

Mounting Height	Initial FC Center Beam	Diameter	FC	Diameter	FC
8.0	23.8	7.0	11.9	12.1	2.4
10.0	12.8	9.5	6.4	16.5	1.3
12.0	8.0	12.0	4.0	20.9	0.8
14.0	5.4	14.6	2.7	25.3	0.5
16.0	3.9	17.1	2.0	29.7	0.4

AF 1/32TRT 6AR

(1) CF32TRT, 2400 LUMENS PER LAMP, 1.2 S/MH, TEST NO. LTL20325

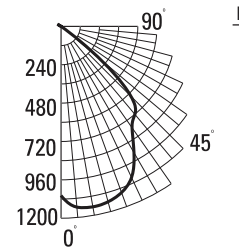


Ave Lumens	Zone Lumens % Lamp	pf pc pw	80% 50% 30% 10%	20% 70% 50% 30% 10%	50% 30% 10%	50% beam - 62.8°	10% beam - 95.2°
0 916	0° - 30° 710.6 29.6	0	72 72 72	70 70 70	67 67 67		
5 888 83	0° - 40° 1105.4 46.1	1	66 64 63	65 63 62	62 61 60		
15 846 241	0° - 60° 1439.2 60.0	2	61 58 55	59 57 55	57 55 53		
25 847 386	0° - 90° 1452.0 60.5	3	55 52 49	55 51 49	53 50 48		
35 637 395	90° - 180° 0.0 0.0	4	51 47 44	50 46 44	49 45 43		
45 362 273	0° - 180° 1452.0 *60.5	5	47 42 39	46 42 39	45 41 39		
55 45 60	*Efficiency	6	43 39 36	42 38 35	41 38 35		
65 9 9		7	40 35 32	39 35 32	38 35 32		
75 3 3		8	37 32 29	36 32 29	36 32 29		
85 1 1		9	34 30 27	34 30 27	33 29 27		
90 0		10	32 28 25	31 27 25	31 27 25		

Mounting Height	Initial FC Center Beam	Diameter	FC	Diameter	FC
8.0	30.3	6.7	15.1	12.0	3.0
10.0	16.3	9.2	8.1	16.4	1.6
12.0	10.1	11.6	5.1	20.8	1.0
14.0	6.9	14.1	3.5	25.2	0.7
16.0	5.0	16.5	2.5	29.6	0.5

AF 1/42TRT 6AR

(1) CF42DT/E/IN/835, 3200 LUMENS PER LAMP, 1.3 S/MH, TEST NO. LTL9521



From 0°	cp. Lumens	Zone Lumens %lamp	pf pc pw	80% 50% 30% 10%	20% 70% 50% 30% 10%	50% 30% 10%	50% beam angle 62.5°	10% beam angle 94.2°
0°	1058	0°-30° 916.8 28.6	1	62 60	61 59	58 57		
5°	1135	0°-40° 1390.1 43.4	2	57 54	56 53	54 52		
15°	1136	0°-60° 1805.1 56.4	3	52 49	51 48	50 47		
25°	1043	0°-90° 1808.4 56.5	4	48 44	47 44	46 43		
35°	774	90°-180° 0.0 0.0	5	44 40	43 40	42 39		
45°	622	0°-180° 1808.4 56.5*	6	41 37	40 36	39 36		
55°	26	*Efficiency	7	38 34	37 33	36 33		
65°	2		8	35 31	34 31	34 30		
75°	1		9	32 28	32 28	31 28		
85°	0		10	30 26	30 26	29 26		
90°	0							

Mount height	Initial fc at beam center	Beam diameter	fc at beam edge	Beam diameter	fc at beam edge
8'	35.0	6.7	17.5	11.8	3.5
10'	18.8	9.1	9.4	16.1	1.9
12'	11.7	11.5	5.9	20.4	1.2
14'	8.0	14.0	4.0	24.7	0.8
16'	5.8	16.4	2.9	29.0	0.6

PHOTOMETRY NOTES

- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- Actual performance may differ as a result of end-user environment and application.
- Consult factory or IES file for microgroove baffle, black cone or other photometric reports.