

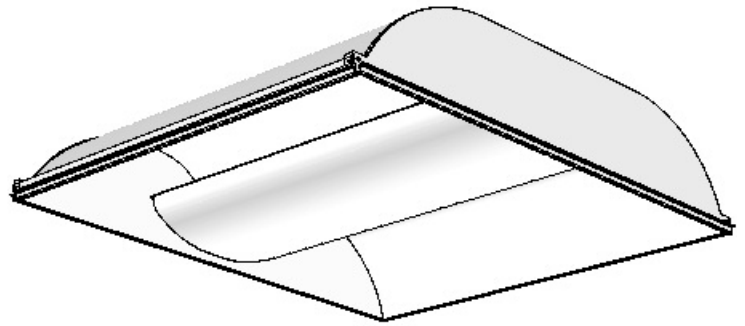
Coffaire HP CFS2GHP217 or 317

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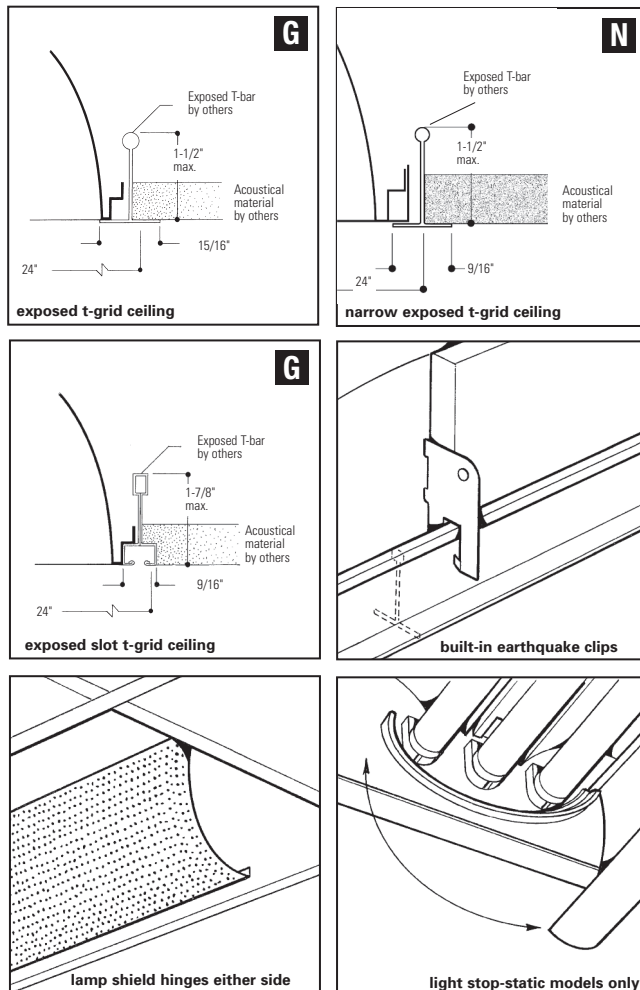
Direct/Indirect High Performance Recessed Fluorescent
2' x 2' with Perforated Basket ~ Static, 2 or 3 Lamp, T8

Features

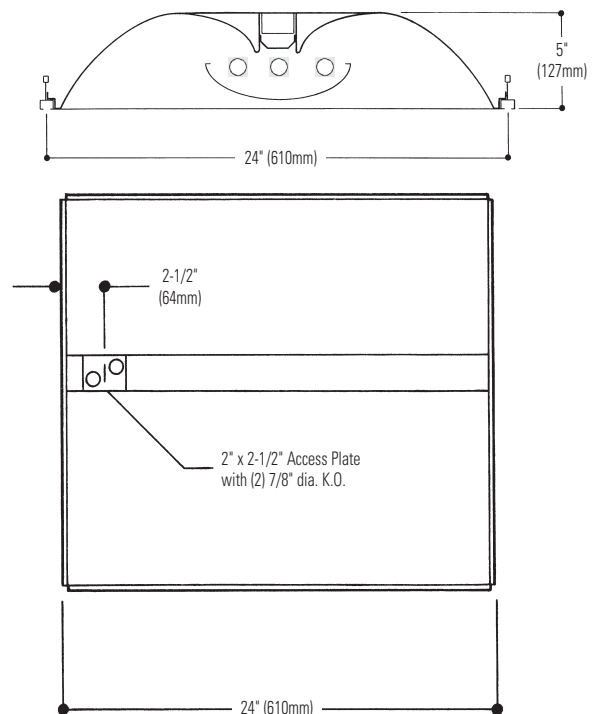
- Direct/indirect lamp shield appearance with soft contoured interior.
- Perforated mesh lamp basket with unique TransOptix lens.
- Body 95% reflective Flat White Powder Coated.
- 95% Internal Mirro reflector.
- 72.5% efficient (2 lamp T8).
- 68.3% efficient (3 lamp T8).
- Spacing to mounting ratio 1.3 (2 lamp T8).
- Spacing to mounting ratio 1.4 (3 lamp T8).
- Only 5" deep.
- Tension screws secure ends to body.
- Same fixture fits both G and T ceiling.
- Fits flush to face of slot grid (T) ceiling.
- Injection molded light stop at basket ends.
- Perforated lamp shield hinges from either side.
- Ballast accessible thru lamp compartment from room side.
- Can be continuous row mounted.
- Wiring access plate standard.
- Construction to meet NYC Code or Chicago Plenum requirement is available.



Mounting Methods



Dimensions



Job Information Type:

Job Name:

Cat. No.:

Lamp(s):

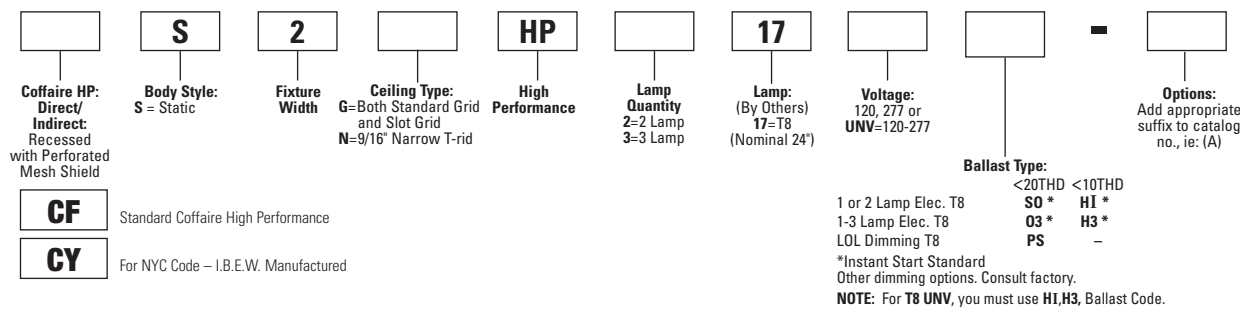
Volts/Ballast:

Coffaire HP CFS2GHP217 or 317

High Performance Recessed Fluorescent Direct/Indirect 2' x 2' with Perforated Basket ~ Static, 2 or 3 Lamp, T8

Ordering Information

Explanation of Catalog Number. Example: CFS2GHP217UNVHI



Options/Accessories

Fusing: Internal fast blow fusing: SUFFIX: **A**.

Internal slow blow fusing: SUFFIX: **C**.

Drywall Kit: Order Catalog Number: **FK92X2**.

Electrical Wiring Options: Consult factory.

Chicago Plenum: SUFFIX: **C**.

Specifications

Performance: In an installation of 2 lamp 17W luminaires in a room cavity ratio of 1, with reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .75. To reduce glare the average brightness at 65° shall not exceed 2345 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 74%.

Materials: Chassis parts are die-formed code gauge steel.

Lamp Shield: 22 gauge steel perforated mesh lamp shield with unique TransOptix lens.

Finish: Chassis exterior – 95% reflective white baked polyester enamel. Rust preventative undercoating. Cavity – 95% reflective white baked polyester

enamel. Reflector – 95% reflective Miro aluminum reflector. Lamp Shield – 95% reflective white baked polyester enamel.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°. UL Listed for damp locations.

Labels: I.B.E.W./UL and ULc Listed.

This product may have a mercury containing lamp. Manage in accord with Disposal Laws. See: www.lamprecycle.org

Job Information

Type:

Coffaire HP CFS2GHP217 or 317

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High Performance Recessed Fluorescent Direct/Indirect
2' x 2' with Perforated Basket ~ Static, 2 or 3 Lamp, T8

Model No. CFS2GPF217UNVHI

LER = FP - 61.4 IW - 30.1 BF - 0.91
Comparative yearly lighting energy cost per
1000 lumens = \$3.91

Report Number: G2009046
Catalog Number: CFS2GHP217UNVHI
Lamps: (2) F17T8/TL835/PLUS/ALTO PLPS
Luminaire: Coffaire HP 2'x2' with 95%
reflective white reflectors and
perforated basket.

Ballast: B232-I-UNV-HP-B UNIVERSAL
Report is based on 1400 Lumens per lamp.
Efficiency: 72.5%

CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.3
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 22.920 22.920

COEFFICIENTS OF UTILIZATION – ZONAL CAVITY METHOD. EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80	50	30	10	50	30	10
RW	70	50	30	10	50	30	10
1	79	75	72	70	68	66	64
2	71	65	60	57	54	51	48
3	65	57	51	48	45	42	40
4	59	50	44	40	37	34	32
5	54	45	38	34	31	28	26
6	50	40	34	30	27	24	22
7	47	37	30	26	23	20	18
8	43	33	27	23	20	17	15
9	40	31	24	20	17	14	12
10	38	28	22	18	15	12	10

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	673	673	673	
5	671	671	672	64
15	643	650	656	184
25	589	608	628	281
35	513	549	585	344
45	418	475	528	366
55	308	386	449	342
65	195	283	336	271
75	99	144	158	144
85	24	30	32	34
90	4	5	4	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	528	18.9	26.0
0- 40	873	31.2	43.0
0- 60	1581	56.5	77.9
0- 90	2029	72.5	100.0
90-180	0	0.0	0.0
0-180	2029	72.5	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	1744.	1981.	2202.
55	1584.	1985.	2309.
65	1361.	1975.	2345.
75	1128.	1641.	1801.
85	812.	1015.	1083.

Model No. CFS2GPF317UNVH3

LER = FP - 58.9 IW - 44.8 BF - 0.92
Comparative yearly lighting energy cost per
1000 lumens = \$4.07

Report Number: G2009047
Catalog Number: CFS2GPF317UNVH3
Lamps: (3) F17T8/TL835/PLUS/ALTO PLPS
Luminaire: Coffaire HP 2'x2' with 95%
reflective white reflectors and
perforated basket.

Ballast: B332I-UNV-HP-A UNIVERSAL
Report is based on 1400 Lumens per lamp.
Efficiency: 68.3%

CIE Type-Direct-Indirect
Plane: 0-Deg 90-Deg
Spacing Criteria: 1.2 1.4
Shielding Angles: 90 90
Plane: 0-Deg 90-Deg
Luminous Length: 22.920 22.920

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	961	961	961	
5	958	958	960	91
15	916	929	942	263
25	837	870	906	402
35	726	786	848	493
45	589	676	757	520
55	430	540	634	480
65	267	386	467	373
75	132	200	232	201
85	30	41	46	46
90	4	5	4	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	756	18.0	26.3
0- 40	1249	29.7	43.5
0- 60	2249	53.5	78.4
0- 90	2869	68.3	100.0
90-180	0	0.0	0.0
0-180	2869	68.3	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	2457.	2820.	3158.
55	2211.	2777.	3260.
65	1863.	2694.	3259.
75	1504.	2279.	2644.
85	1015.	1388.	1557.

Job Information

Type:



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