

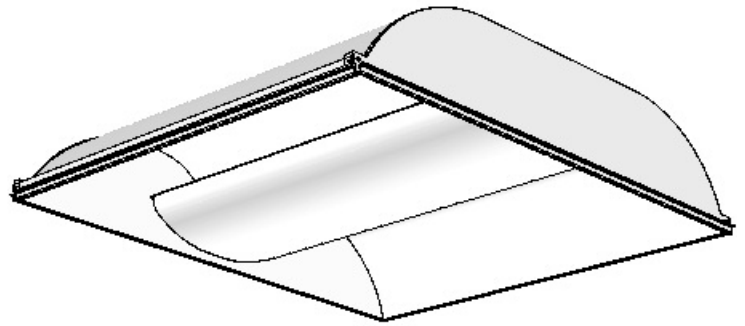
Coffaire II CFH2GPF214 or 314

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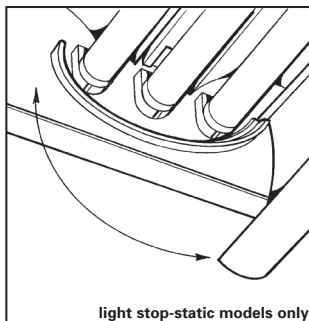
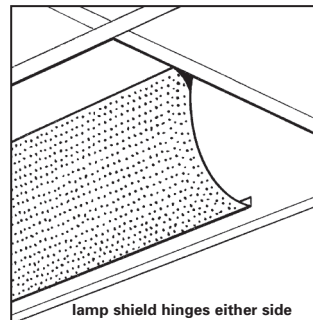
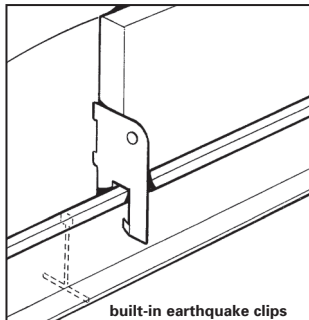
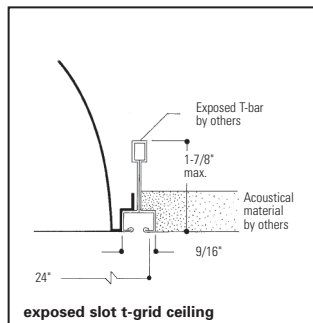
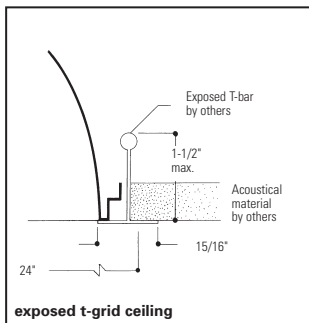
Direct/Indirect Recessed Fluorescent
2' x 2' with Perforated Basket ~ 2 or 3 Lamp, T5

Features

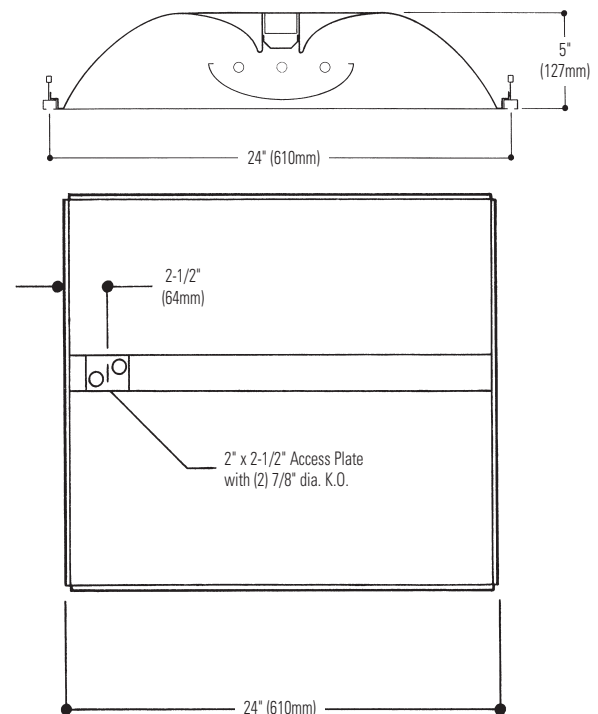
- Direct/indirect lamp shield appearance.
- Perforated mesh lamp shield with white acrylic overlay.
- Contoured body and ends.
- Air return models meet UL 1598, Paragraph 9.2.2.5 requirements.
- 65.7% efficient.
- Spacing to mounting ratio 1.4.
- Only 5" deep.
- Tension bars secure ends to body.
- Same fixture fits both G and T ceiling.
- Fits flush to face of slot grid (T) ceiling.
- Static models have injection molded light stop at basket ends.
- Perforated lamp shield hinges from either side.
- Ballast accessible 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):

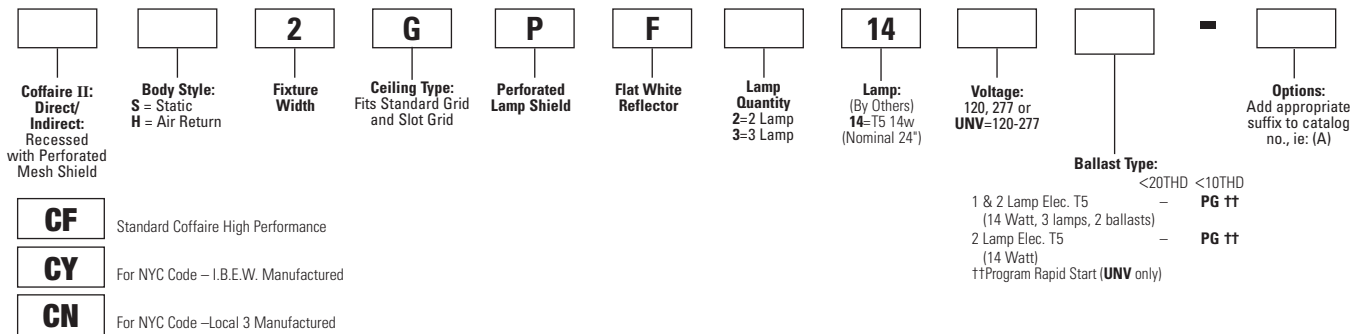
Volts/Ballast:

Coffaire II CFH2GPF214 or 314

Recessed Fluorescent Direct/Indirect 2' x 2' with Perforated Basket ~ 2 or 3 Lamp, T5

Ordering Information

Explanation of Catalog Number. Example: CFS2GPF214UNVPG



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 14W luminaires in a room cavity ratio of 1, with reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .69. To reduce glare the average brightness at 65° shall not exceed 1848 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 73.5%.

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

Lamp Shield: 22 gauge steel perforated mesh lamp shield with white acrylic overlay.

Finish: **Chassis exterior** – baked white post painted acrylic enamel. **Cavity** – baked white post painted acrylic enamel. **Reflector** – baked white post painted acrylic enamel, minimum 86% reflectance. Phosphate undercoating.

Lamp Shield – baked flat white acrylic 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 II CFH2GPF214 or 314

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Recessed Fluorescent Direct/Indirect
2' x 2' with Perforated Basket ~ 2 or 3 Lamp, T5

Model No. CFH2GP214UNVPG

LER = FP - 56.3 IW - 31.5 BF - 1.00
Comparative yearly lighting energy cost per
1000 lumens = \$4.26

Report Number: G2004252

Catalog Number: CFH2GP214UNVPG

Lamps: (2) F14T5

Luminaire: Coffaire II 2'x2' with
perforated basket.

Ballast: QTP-2X28T5

Report is based on 1350 Lumens per lamp.

Efficiency: 65.7%

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	605	605	605	
5	602	602	603	57
15	575	584	592	165
25	526	549	569	253
35	459	498	529	311
45	374	430	471	329
55	275	347	391	304
65	169	244	262	227
75	81	104	107	107
85	17	18	17	21
90	0	0	0	

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	72	69	66	64	62	60	59
2	65	60	55	56	53	50	49
3	59	52	47	49	45	42	41
4	54	46	41	44	39	35	35
5	50	41	35	39	34	30	30
6	46	37	31	35	30	27	26
7	43	34	28	32	27	23	23
8	40	31	25	29	24	21	21
9	37	28	23	27	22	19	19
10	35	26	21	25	20	17	17

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	475	17.6	26.5
0- 40	786	29.1	44.3
0- 60	1419	52.5	80.0
0- 90	1773	67.5	100.0
90-180	0	0.0	0.0
0-180	1773	67.5	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	1576.	1813.	1985.
55	1429.	1803.	2032.
65	1192.	1721.	1848.
75	933.	1198.	1232.
85	581.	616.	581.



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Specifications are subject to change without notice.

CFH2GPF214OR314 03/13

Job Information

Type:

Philips Lighting Company
200 Franklin Square Drive
Somerset, NJ 08873
Phone: 855-486-2216
www.philips.com/luminaires

Philips Lighting Company
281 Hillmount Road
Markham ON, Canada L6C 2S3
Phone: 800-668-9008
www.philips.com/luminaires