

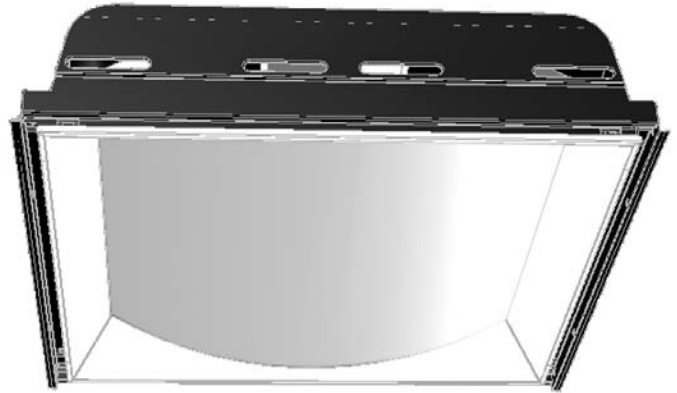
Opalescent OPS2GPW217 or 317

Page 1 of 2

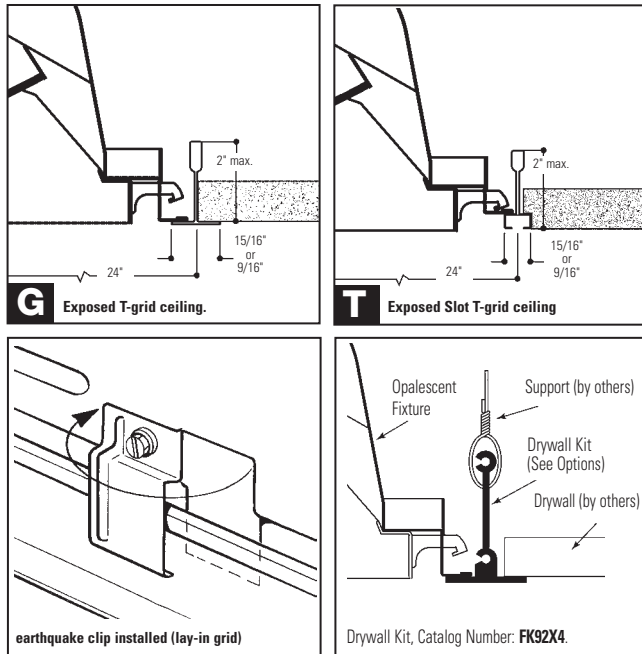
Direct/Indirect 2' x 2' Recessed Fluorescent with Contoured Lens Frame
Static or Air Supply/Return, 2 or 3 Lamp T8

Features

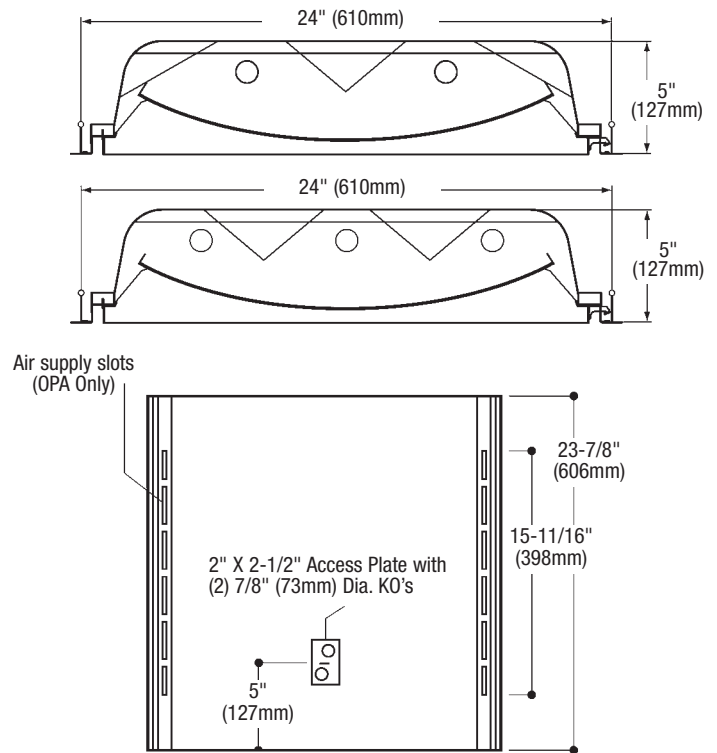
- Bold but simple 2-1/2" regressed frame with contoured lens.
- High light transmission frost white acrylic lens.
- True mitered corner lens frame.
- 74.5% efficient 2 Lamp 17 watt T8.
- 70.1% efficient 3 Lamp 17 watt T8.
- Internal reflector coated with 95% reflective white paint.
- 5" deep body.
- Black housing exterior for cooler ballast operating temperature.
- Eyeleted heat removal vents in fixture ends.
- Hemmed over side rails for maximum safety.
- Fixture ends turned-in for safe handling.
- Built-in earthquake clips.
- Door jamb finished black on four sides for positive light stop.
- Spring loaded rooster head latches.
- 18 gauge steel hinges.
- Construction to meet NYC Code Requirements or Chicago Plenum is available.



Mounting Methods



Dimensions



Job Information Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Opalescent OPS2GPW217 or 317

Page 2 of 2

Direct/Indirect 2' x 2' Recessed Fluorescent with Contoured Lens Frame Static or Air Supply/Return, 2 or 3 Lamp T8

Model No. OPA2GPW217UNVHI

LER = FP - 60.2 IW - 30.2 BF - 0.90
Comparative yearly lighting energy cost per
1000 lumens = \$3.98

Report Number: G2009139
Catalog Number: OPA2GPW217UNVHI
Lamps: (2) F17 T8
Luminaire: Opalescent Recessed 2' x 2'
fixture with contoured lens frame.
Ballast: IOP-2P32-SC
Report is based on 1375 Lumens per lamp.
Efficiency: 74.5%
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: 21.600 21.600

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

RC	80	50	30
RW	70	50	30
1	82	78	75
2	75	69	64
3	68	61	55
4	63	54	48
5	58	49	42
6	54	44	37
7	50	40	34
8	46	37	30
9	43	34	27
10	41	31	25

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	813	813	813	
5	809	808	808	77
15	769	775	783	219
25	693	712	732	328
35	586	620	651	388
45	454	501	532	383
55	317	357	375	314
65	196	213	216	208
75	95	99	100	105
85	19	25	20	28
90	0	0	0	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	624	22.7	30.5
0- 40	1012	26.8	49.4
0- 60	1709	62.1	83.4
0- 90	2050	74.5	100.0
90-180	0	0.0	0.0
0-180	2050	74.5	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	2063	2276	2417
55	1776	2000	2101
65	1490	1619	1642
75	1179	1229	1241
85	700	922	737

Model No. OPA2GPW317UNVH3

LER = FP - 39.7 IW - 45.50 BF - 0.92
Comparative yearly lighting energy cost per
1000 lumens = \$6.05

Report Number: G2009150
Catalog Number: OPA2GPW317UNVH3
Lamps: (3) F17T5/TL835/PLUS ALTO
Luminaire: Opalescent Recessed 2' x 2'
fixture with contoured lens frame.
Ballast: ICN-3P32-SC
Report is based on 1400 Lumens per lamp.
Efficiency: 70.1%
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: 21.600 21.600

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	1202	1202	1202	
5	1196	1194	1197	114
15	1137	1145	1158	324
25	1025	1050	1079	484
35	865	909	939	566
45	670	720	723	545
55	468	493	493	436
65	290	287	301	292
75	143	137	138	147
85	30	30	22	36
90	0	0	0	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	922	21.9	31.3
0- 40	1488	35.4	50.5
0- 60	2439	58.8	83.9
0- 90	2945	70.1	100.0
90-180	0	0.0	0.0
0-180	2945	70.1	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	3182	3419	3434
55	2740	2886	2886
65	2304	2281	2392
75	1855	1778	1791
85	1156	1156	848

Ordering Information

Explanation of Catalog Number. Example: OPS2GPW217UNVHI

OP	Body Style: S = Static A = Air	2	Ceiling Type: G = Standard Grid T = Slot Grid	PW	Lamp: (By Others) 17 = 18 17W (Nominal 24")	17	Voltage: 120, 277 or UNV=120-277	Options: Add appropriate suffix to catalog no., ie: (C)
OP	Standard Opalescent							
OY	For NYC Code – I.B.E.W. Manufactured							

Options/Accessories

Air Closure Strip: SUFFIX: ACS4 (factory installed).

Drywall Kit: Order Catalog Number: FK92X2.

Fusing: Internal fast blow fusing: SUFFIX: A.
Internal slow blow fusing: SUFFIX: C.

Electrical Wiring Options: Consult factory.

For motion or light sensor: See Folio OA20-10 and OA20-30.

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 1642 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 69.5%.

Air Handling: (OPA only) side air passages for air supply or air return. Supply air is discharged vertically. Optional side closure strips. Air return is also provided through the lamp compartment through fixture body ends.

Materials: Chassis parts are die-formed code gauge cold rolled steel. Housing has side rails hemmed over and housing ends turned-in for safe handling.

Specifications (continued)

Finish: Chassis exterior—black baked polyester enamel. **Cavity**—white baked polyester enamel minimum 86% reflectance. Rust preventative undercoating. **Reflectors**—95% reflective white powder coated.

Lens: High light transmission frost white acrylic lens.

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°.

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

This product may have a mercury containing lamp.

Manage in accord with Disposal Laws.

See: www.lamprecycle.org

Job Information

Type:

For Factory Technical Information: (978) 657-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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