

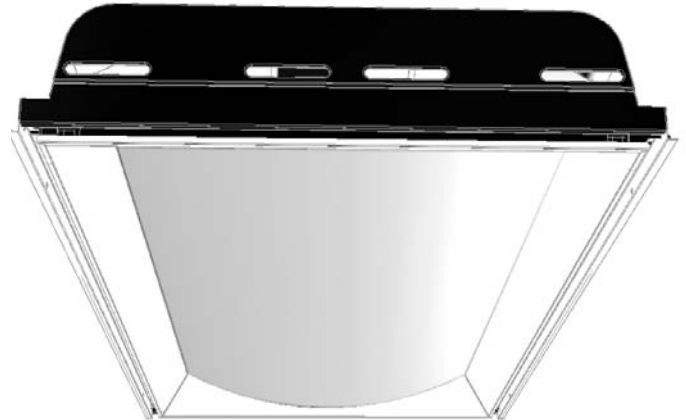
Opalescent OPS2GPW232 or 332

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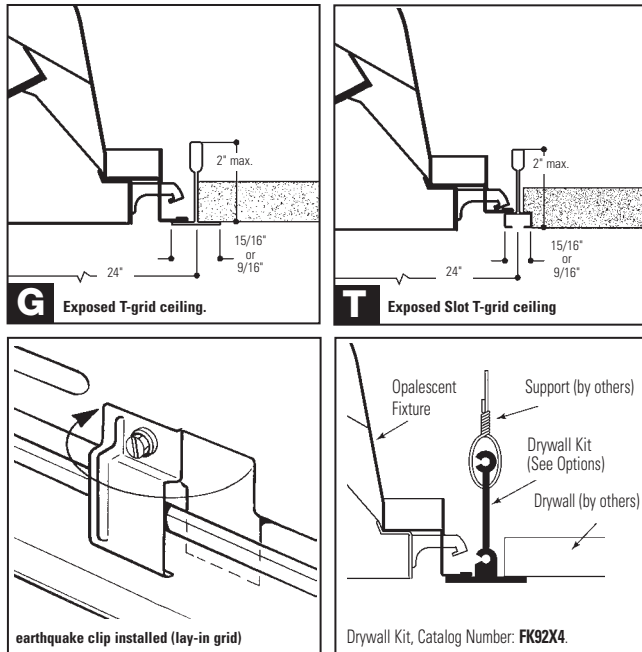
Direct/Indirect 2' x 4' Recessed Fluorescent with Contoured Lens Frame
Static or Air Supply/Return, 2 or 3 Lamp T8

Features

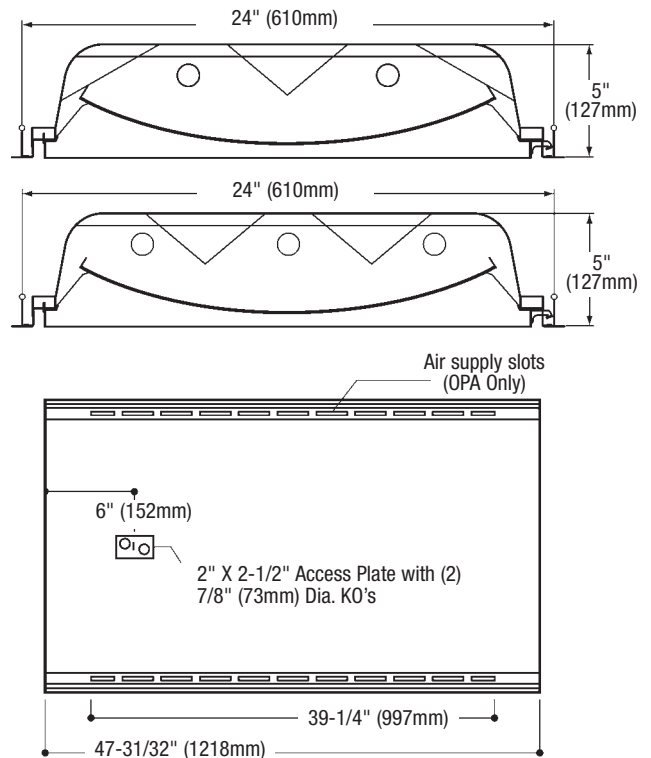
- Bold but simple 2-1/2" regressed frame with contoured lens.
- High light transmission frost white acrylic lens.
- True mitered corner lens frame.
- 80.8% efficient 2 Lamp 32 watt T8.
- 75.2% efficient 3 Lamp 32 watt T8.
- Internal reflector coated with 95% reflective white paint.
- 5" deep body.
- 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 OPS2GPW232 or 332

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Direct/Indirect 2' x 4' Recessed Fluorescent with Contoured Lens Frame Static or Air Supply/Return, 2 or 3 Lamp T8

Model No. OPA2GPW232UNVC5

LER = FP - 72.1 IW - 53.5 BF - 0.77
Comparative yearly lighting energy cost per
1000 lumens = \$3.33

Report Number: G2009101
Catalog Number: OPA2GPW232UNVC5
Lamps: (2) F32T8/ADV/841/ALTO
Luminaire: Opalescent Recessed 2' x 4'
fixture with contoured lens frame.
Ballast: IOP-2P32-LW-SC
Report is based on 3100 Lumens per lamp.
Efficiency: 80.8%
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: 45.600 21.600

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	1925	1925	1925	
5	1916	1916	1918	182
15	1832	1844	1859	521
25	1669	1702	1739	785
35	1434	1495	1548	934
45	1141	1225	1267	935
55	827	892	893	783
65	530	544	515	530
75	276	249	243	272
85	67	60	49	69
90	0	0	0	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	1488	24.0	29.7
0- 40	2422	39.1	48.3
0- 60	4140	66.8	82.6
0- 90	5011	80.8	100.0
90-180	0	0.0	0.0
0-180	5011	80.8	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	2538	2725	2819
55	2268	2446	2449
65	1973	2025	1917
75	1678	1513	1477
85	1209	1083	884

Model No. OPA2GPW332UNVC3

LER = FP - 50.9 IW - 121.0 BF - 0.88
Comparative yearly lighting energy cost per
1000 lumens = \$4.72

Report Number: G2009122
Catalog Number: OPA2GPW332UNVC3
Lamps: (3) F32T8/ADV/841/ALTO
Luminaire: Opalescent Recessed 2' x 4'
fixture with contoured lens frame.
Ballast: IOP-3P32-SC
Report is based on 3100 Lumens per lamp.
Efficiency: 75.2%
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: 45.600 21.600

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	2724	2724	2724	
5	2707	2710	2712	258
15	2586	2608	2630	736
25	2356	2408	2466	1110
35	2021	2111	2173	1316
45	1604	1713	1713	1297
55	1158	1212	1199	1071
65	740	731	759	741
75	378	349	358	382
85	85	72	62	85
90	0	0	0	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	2104	22.6	30.1
0- 40	3420	36.8	48.9
0- 60	5788	62.2	82.7
0- 90	6996	75.2	100.0
90-180	0	0.0	0.0
0-180	6996	75.2	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	3482	3719	3719
55	3099	3244	3209
65	2688	2655	2757
75	2242	2070	2123
85	1497	1268	1092

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

RC	80	50	30
RW	70	50	30
1	88	85	81
2	81	74	69
3	74	66	59
4	68	58	52
5	62	52	45
6	58	47	40
7	54	43	36
8	50	39	32
9	47	36	29
10	44	33	27

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

RC	80	50	30
RW	70	50	30
1	83	79	76
2	75	69	64
3	69	61	55
4	63	54	48
5	58	49	42
6	54	44	38
7	50	40	34
8	47	37	30
9	44	34	28
10	41	31	25

Ordering Information

Explanation of Catalog Number. Example: OPS2GPW232UNVHI

Opalescent Recessed Fluorescent	Body Style: S = Static A = Air	2 Fixture Width	Ceiling Type: G = Standard Grid T = Slot Grid	PW Lens: PW= Opalescent frost white lens	Lamp Quantity 2=2 Lamps 3=3 Lamps	32 Lamp: (By Others) 32=28 4' Lamp (Nominal 48")	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: FK92X4.

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 32W luminaires in a room cavity ratio of 1, with reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .85. To reduce glare the average brightness at 65° shall not exceed 1917 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 70.3%.

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 (2 Lamp).

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 lamp locations.

This product may have a mercury containing lamp.

Manage in accord with Disposal Laws.

See: www.lamprecycle.org

Job Information

Type: