

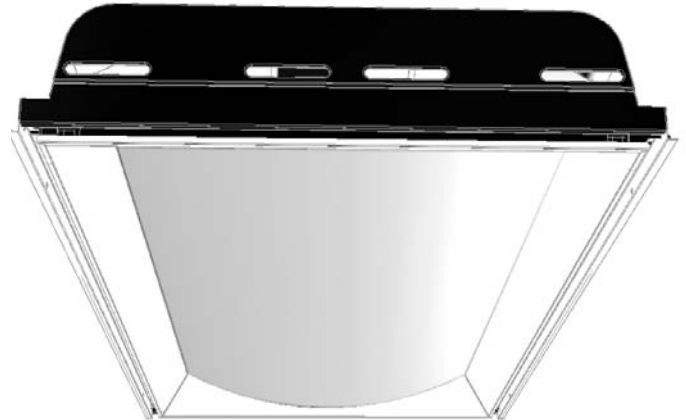
Opalescent OPS2GPW232UNVC5 or 332UNVC3

Page 1 of 2

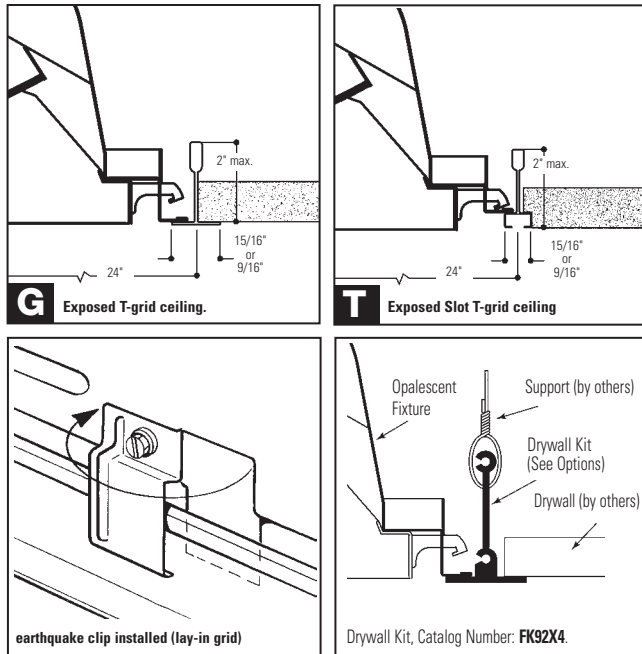
Direct/Indirect 2' x 4' Recessed Fluorescent with Contoured Lens Frame
Static or Air Supply/Return, 2 or 3 Lamp 25 watt T8

Features

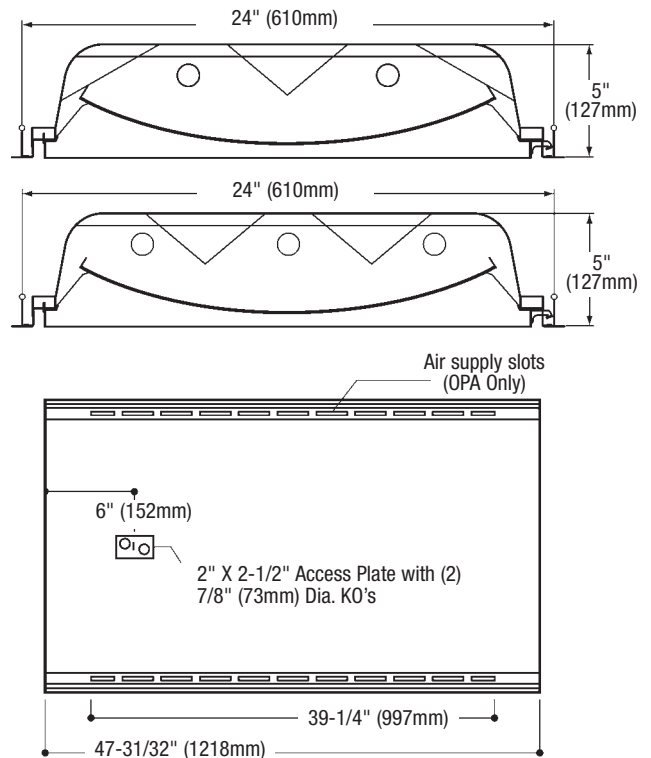
- Bold but simple 2-1/2" regressed frame with contoured lens.
- High light transmission frost white acrylic lens.
- True mitered corner lens frame.
- 84.0% efficient 2 Lamp 25 watt T8.
- 80.0% efficient 3 Lamp 25 watt T8.
- Internal reflector coated with 95% reflective white paint.
- 5" deep body.
- 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:

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Page 2 of 2

Direct/Indirect 2' x 4' Recessed Fluorescent with Contoured Lens Frame
Static or Air Supply/Return, 2 or 3 Lamp 25 watt T8

Model No. OPA2GPW232UNVC5 ~ 25 Watt Lamps

LER = FP - 71.6 IW - 42.1 BF - 0.77
Comparative yearly lighting energy cost per 1000 lumens = \$3.35

Report Number: G2009104
Catalog Number: OPA2GPW232UNVC5
Lamps: (2) F32T8/ADV/841/XLL 25 watt
Luminaire: Opalescent Recessed 2' x 4'
fixture with contoured lens frame.
Ballast: IOP-2P32-LW-SC
Report is based on 2330 Lumens per lamp.
Efficiency: 84.0%
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	1502	1502	1502	
5	1494	1495	1498	142
15	1428	1438	1450	406
25	1301	1328	1356	613
35	1120	1168	1208	729
45	892	956	987	730
55	647	697	696	611
65	415	424	402	414
75	216	195	191	213
85	52	47	39	54
90	0	0	0	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	1161	24.9	29.7
0- 40	1890	40.6	48.3
0- 60	3231	69.3	82.6
0- 90	3913	84.0	100.0
90-180	0	0.0	0.0
0-180	3913	84.0	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	1984	2127	2196
55	1774	1912	1909
65	1545	1578	1496
75	1313	1185	1161
85	939	848	704

Model No. OPA2GPW332UNVC3 ~ 25 Watt Lamps

LER = FP - 74.2 IW - 71.2 BF - 0.88
Comparative yearly lighting energy cost per 1000 lumens = \$3.24

Report Number: G2009124
Catalog Number: OPA2GPW332UNVC3
Lamps: (3) F32T8/ADV/841/ALTO 25 watt
Luminaire: Opalescent Recessed 2' x 4'
fixture with contoured lens frame.
Ballast: IOP-3P32-SC
Report is based on 2500 Lumens per lamp.
Efficiency: 80.0%
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	2332	2332	2332	
5	2320	2320	2331	221
15	2216	2232	2260	631
25	2019	2062	2109	951
35	1735	1810	1862	1128
45	1377	1469	1466	1112
55	995	1040	1031	919
65	636	629	654	637
75	325	302	311	329
85	73	63	54	74
90	0	0	0	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	1804	24.0	30.0
0- 40	2932	39.1	48.8
0- 60	4963	66.2	82.7
0- 90	6003	80.0	100.0
90-180	0	0.0	0.0
0-180	6003	80.0	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	2990	3189	3183
55	2663	2784	2759
65	2310	2285	2376
75	1928	1791	1845
85	1286	1110	951

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

RC	80	50	30
RW	70	50	30
1	92	88	85
2	84	77	72
3	77	68	62
4	70	61	53
5	65	54	47
6	60	49	42
7	56	45	38
8	52	41	34
9	48	37	31
10	45	35	28

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

RC	70	80	50	50	30	10
RW	70	50	30	50	30	10
1	88	84	81	79	76	74
2	80	74	69	65	62	67
3	73	65	59	62	57	52
4	67	58	51	55	49	45
5	62	52	45	49	39	43
6	57	47	40	45	34	48
7	53	43	36	41	31	40
8	50	39	32	37	27	36
9	46	36	29	34	25	34
10	43	33	27	22	23	31

Ordering Information

Explanation of Catalog Number. Example: OPS2GPW232UNVHI

OP	Body Style: S = Static A = Air	2	PW	32	120, 277 or UNV=120-277	Options: 80X=25 watt lamps with 850 CRI 83X=25 watt lamps with 830 CRI 84X=25 watt lamps with 841 CRI 85X=25 watt lamps with 835 CRI
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 .88. To reduce glare the average brightness at 65° shall not exceed 1496 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.

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
We reserve the right to change details of design, materials and finish.

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Section 5/Folio MA14-18 Rev. A

08/10

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