

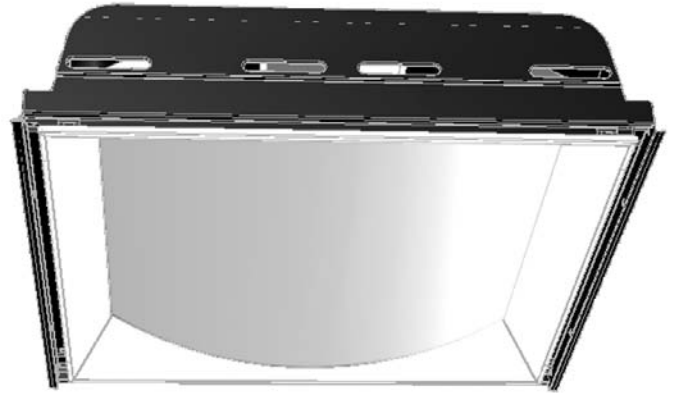
Opalescent OPS2GPW2FT

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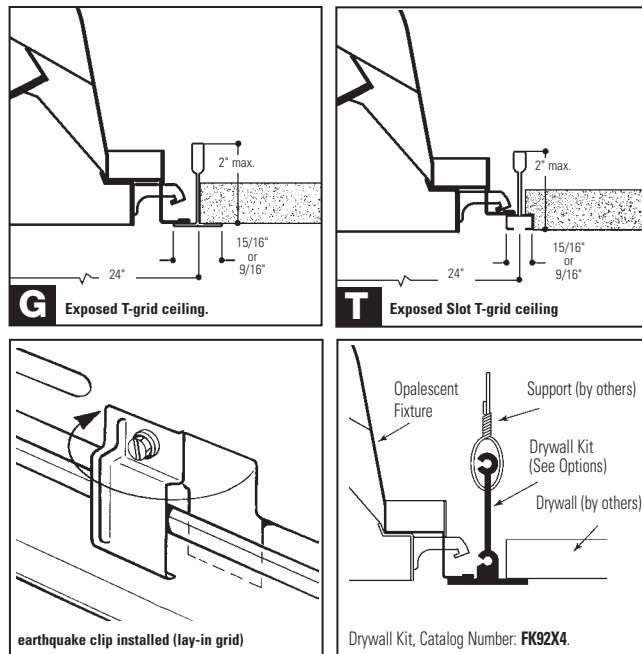
Direct/Indirect 2' x 2' Recessed Fluorescent with Contoured Lens Frame
Static or Air Supply/Return, 2 Lamp Twin Tube T5

Features

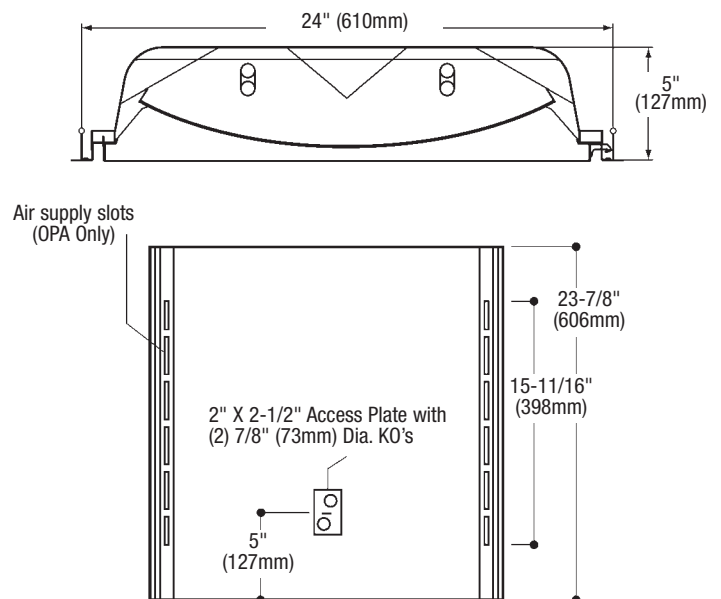
- Bold but simple 2-1/2" regressed frame with contoured lens.
- High light transmission frost white acrylic lens.
- True mitered corner lens frame.
- 82.8% efficient (2 Lamp 40 watt TT5)
- Internal reflector coated with 95% reflective white paint.
- 5" deep body.
- Black housing exterior for cooler ballast 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 OPS2GPW2FT

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Direct/Indirect 2' x 2' Recessed Fluorescent with Contoured Lens Frame Static or Air Supply/Return, 2 Lamp Twin Tube T5

Model No. OPS2GPK2FTUNVPR (40 watt lamp)

LER = FP - 67.8 IW - 67.4 BF - 0.88
Comparative yearly lighting energy cost per
1000 lumens = \$3.54

Report Number: G2009130
Catalog Number: OPA2GPW2FTUNVPR
Lamps: (2) F40W TT5
Luminaire: Opalescent Recessed 2' x 2'
fixture with contoured lens frame.
Ballast: ICN-2TTP40-SC
Report is based on 3150 Lumens per lamp.
Efficiency: 82.8%
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: 21.600 21.600

CANDELA DISTRIBUTION

	0.0	45.0	90.0	FLUX
0	1946	1946	1946	
5	1937	1938	1942	185
15	1846	1879	1914	531
25	1677	1757	1836	810
35	1430	1562	1679	975
45	1120	1286	1411	983
55	795	937	1031	827
65	496	577	609	561
75	242	264	266	277
85	46	65	50	68
90	0	0	0	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0- 30	1526	24.2	29.3
0- 40	2501	29.7	47.9
0- 60	4311	68.4	82.6
0- 90	5216	82.8	100.0
90-180	0	0.0	0.0
0-180	5216	82.8	100.0

LUMINANCE DATA IN CANDELA/SQ. METER

AVERAGE IN DEG.	AVERAGE 0-DEG.	AVERAGE 45-DEG.	AVERAGE 90-DEG.
45	5089.	5853.	6411.
55	4453.	5249.	5775.
65	3771.	4387.	4630.
75	3004.	3277.	3302.
85	1696.	2396.	1843.

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

RC	80	50	30
RW	70	50	30
1	91	87	84
2	83	76	71
3	76	67	61
4	69	60	53
5	64	53	46
6	59	48	41
7	55	43	37
8	51	40	33
9	48	37	30
10	45	34	27

Ordering Information

Explanation of Catalog Number. Example: OPS2GPW2FTUNVPR

OP	Body Style: S = Static A = Air	2	PW	2	FT	120, 277 or UNV=120-277	Ballast Type: 2 Lamp Elec. TT5 (40 Watt) 2 Lamp Elec. TT5 (40 Watt) 2 Lamp Elec. TT5 (50 Watt) 2 Lamp Elec. TT5 (55 Watt) LOL Dimming TT5 *Instant Start Standard. Other dimming options. Consult factory. NOTE: For TT5 40W UNV, you must use PR Ballast Code. †Program Rapid Start	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 40W luminaires in a room cavity ratio of 1, with reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .87. To reduce glare the average brightness at 65° shall not exceed 4630 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 70.7%.

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 MA14-10 Rev. B

08/10

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