

Deepcel Plus DPA2G12 Series

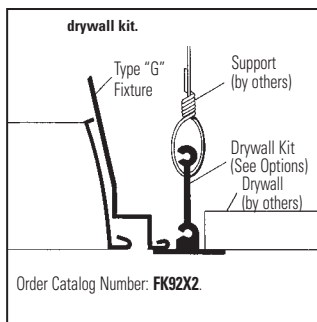
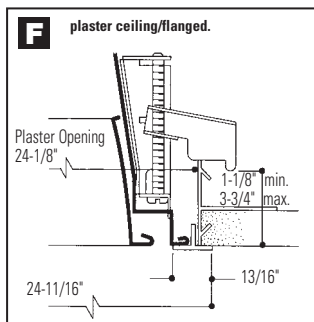
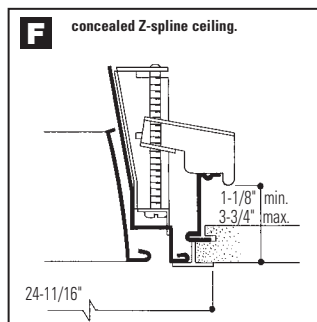
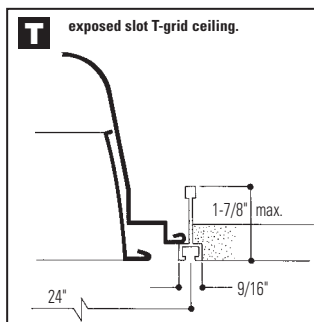
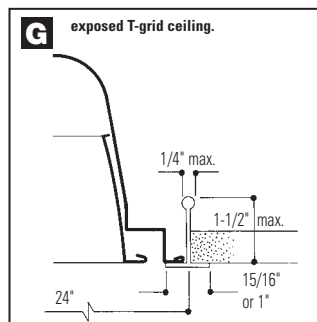
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2' x 2' Recessed Fluorescent, 3", 12 Cell Parabolic Louver
Static or Air Supply/Return, 2 Lamp 6"U or 3-1-5/8"U T8 or 3 Twin Tube T5

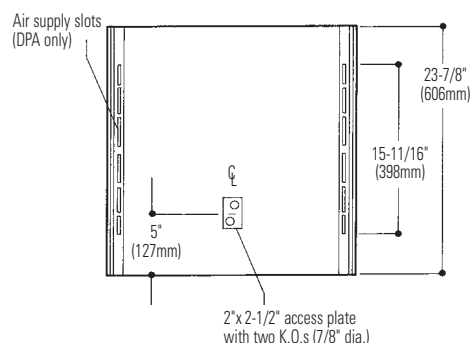
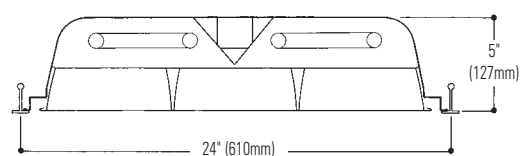
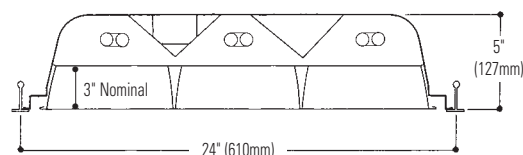
- 5" deep body.
- 69.8% efficient (3 lamp TT5).
- Clean contoured interior.
- Eyeleted heat removal vents in fixture ends.
- One piece housing.
- Black exterior for cooler ballast operating temperature.
- Hemmed over side rails for safe handling.
- Fixture ends turned-in for safe handling.
- Built-in earthquake clips (patent no. 5,072,344).
- Pre-anodized aluminum parabolic louver.
- Vertical grain louver eliminates reflected lamp images on cross baffle.
- Spring loaded latches.
- 18 gauge steel hinges.
- Louver frame with integral positive light stop.
- Louver has protective film dust guard.
- Construction to meet NYC Code or Chicago Plenum requirements is available.



Mounting Methods



Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte company

www.lightolier.com

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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Deepcel Plus DPA2G12 Series

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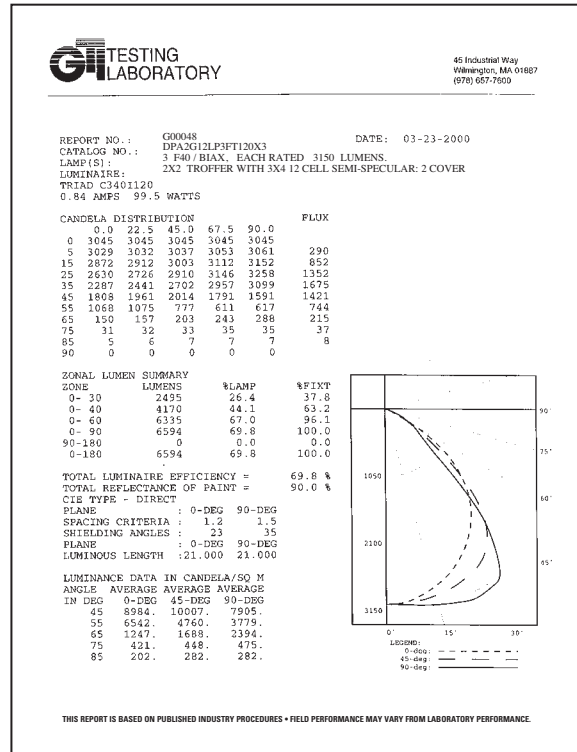
2' x 2' Recessed Fluorescent, 3", 12 Cell Parabolic Louver
Static or Air/Return, 2 Lamp 6"U or 3-1-5/8"U T8 or 3 Twin Tube T5

Photometry

Model No. DPA2G12LP3FT120X3

LER = FP - 58.3 IW - 99.5 BF - 0.88

Comparative yearly lighting energy cost per 1000 lumens = \$4.12



coefficients of utilization — zonal cavity method

RF	20	20	20
RC	80	50	30
RW	70	50	30
1	78	75	73
2	72	68	64
3	67	61	57
4	62	55	50
5	58	50	45
6	54	46	40
7	50	42	36
8	47	38	33
9	44	35	30
10	41	33	28

visual comfort probability (VCP) average 100 fc; reflectances 80/50/20

room size		ceiling height				ceiling height			
W	L	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
20	20	71	63	55	55	73	65	63	61
20	30	74	66	59	53	75	67	62	58
20	40	76	69	63	56	77	69	65	59
20	60	78	71	66	60	78	72	68	62
30	20	76	68	59	57	78	70	65	62
30	30	78	70	62	55	79	71	64	58
30	40	79	72	65	58	80	73	67	59
30	60	80	74	68	61	81	75	69	62
30	80	82	76	70	64	81	76	71	64
40	20	78	71	63	60	80	73	69	63
40	30	80	73	66	57	81	74	68	60
40	40	81	75	69	60	82	76	70	61
40	60	82	77	71	63	82	77	72	63
40	80	83	78	73	65	83	78	73	65
40	100	84	79	74	67	83	79	75	67
60	30	81	75	69	61	82	76	71	63
60	40	82	77	71	63	83	78	72	64
60	60	83	78	73	65	83	78	74	66
60	80	84	80	75	67	83	79	75	68
60	100	85	81	76	69	84	80	76	69
100	40	83	78	74	67	83	78	75	67
100	60	84	79	75	69	84	79	76	69
100	80	85	81	77	71	84	80	77	71
100	100	86	82	78	72	85	81	78	72

Ordering Information

Explanation of Catalog Number. Example: DPA2G12LP3FT120X3CP

Deepcel Plus Parabolic: Pre-anodized aluminum louver	Body Style: A=Air Supply S=Static	Fixture Width 2	Ceiling Type: G=Grid (lay-in T bar) F=Flanged (over lap) Z spline and plaster frame T=Slot grid or two-directional concealed T (see options)	Number of Cells: 12-3 rows of 4	Louver Finish: L = Low iridescence Semi-specular (standard) P = Low iridescence Specular W = White Baked Enamel	Reflector: S = Single "V" Reflector (2 Lamp) P = Dual "V" Reflectors (3 Lamps)	Lamp Quantity 2 or 3 Lamp	Voltage: 120, 277 or UNV=120-277	Options: Add appropriate suffix to catalog no., ie: (CP)
DP Standard Deepcel									
DY For NYC Code — I.B.E.W. Manufactured									
ND For NYC Code — Local 3 Manufactured 5 1/2" Deep Body									

Options/Accessories

Plaster Frame: Catalog Number: PF22

Continuous Row Installation: For F type fixtures, half width flanges are required between fixtures. Order Catalog Number: ZFC TRIM CSP (each joint).

Radio Interference Filter: To order one RIF per fixture; SUFFIX: R. To order one RIF per ballast; SUFFIX: B.

Electrical Wiring Options: Consult factory.

Air Closure Strip: SUFFIX: ACS2 (factory installed).

Drywall Kit: Order Catalog Number: FK92X2. (Request Folio OA30-10 Rev. A).

Chicago Plenum: SUFFIX: CP.

Specifications

Performance: In an installation of 3 lamp 40W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .75. To prevent glare the VCP shall be not less than 83 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 2394 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 62.2%.

Air Handling (DPA 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 ends.

Specifications (continued)

Materials: Chassis parts are die-formed code gauge cold rolled steel. Housing is ribbed for rigidity with side rails hemmed over and housing ends turned-in for safe handling. Louver is pre-anodized aluminum (Coilzak® or equal).

Finish: Chassis exterior—black baked polyester enamel. Cavity—white baked polyester enamel minimum 86% reflectance. Phosphate undercoating. Louver—low iridescence semi-specular anodized vertical grain aluminum reflector sheet is standard.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is with-in 3" of ballast, use wire suitable for at least 90°.

Labels: I.B.E.W. UL and ULc Listed.

Job Information

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