

DPA2G12 SERIES

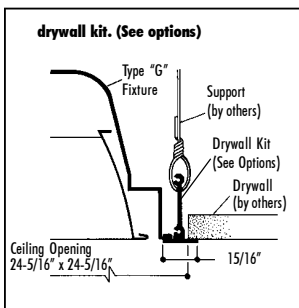
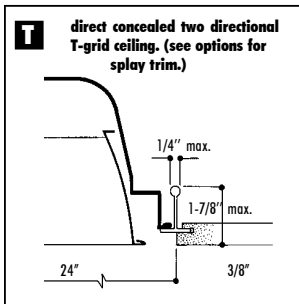
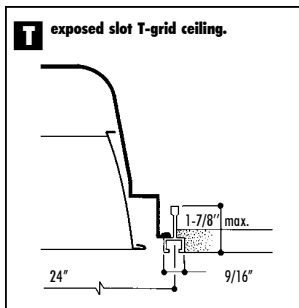
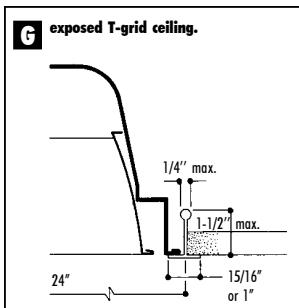
DEEPCEL *plus*

2' X 2' RECESSED FLUORESCENT
3" DEEP, 12 CELL PARABOLIC LOUVER
STATIC OR AIR SUPPLY / RETURN
2-6"U OR 3-TT5 FLUORESCENT LAMP

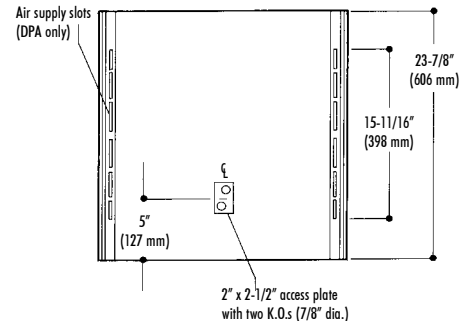
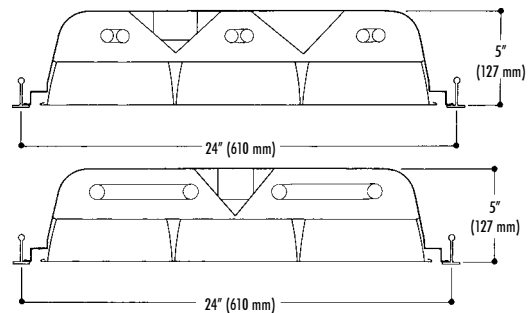
- 5" deep body.
- 69.8% efficient (3 lamp TT5).
- Clean contoured interior.
- Eyeleted heat removal vents in fixture ends.
- One-piece housing.
- Black exterior for cooler ballast operating temperature.
- Hemmed over side rails for safe handling.
- Fixture ends turned-in for safe handling.
- Built-in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



MOUNTING METHODS/FEATURES



DIMENSIONS



FIXTURE TYPE	VOLTS
JOB INFORMATION: _____	

CFI FLUORESCENT

DPA2G12 SERIES

DEEPCEL *plus*

2' X 2' RECESSED FLUORESCENT

Luminaire Efficacy Rating
LER-58.3 Watts-99.5 BF-0.88

MODEL NO. DPA2G12LP3FT

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

GI TESTING
LABORATORY

46 Industrial Way
Wilmington, MA 01887
(978) 657-7600

REPORT NO.: G00048 DATE: 03-23-2000
CATALOG NO.: DPA2G12LP3FT120X3
LAMP(S): 3 P40/BLAX, EACH RATED 3150 LUMENS
LUMINAIRE: NEW 2X2 TROFFER WITH 3X4 SEMI-SPECULAR, 2 COVER
TRIAD C340120
0.84 AMPS 99.5 WATTS

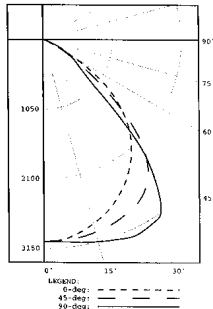
CANDELA DISTRIBUTION	FLUX
0 0 22.5 45.0 67.5 90.0	
0 3045 3045 3045 3045 3045	
5 3029 3032 3037 3053 3061	290
15 2872 2912 3003 3112 3152	852
25 2630 2726 2910 3146 3258	1352
35 2287 2441 2702 2957 3039	1675
45 1808 1961 2014 1791 1591	1421
55 1068 1075 777 611 617	744
65 150 157 203 243 288	215
75 31 32 33 35 35	37
85 5 6 7 7 7	8
90 0 0 0 0 0	0

ZONAL LUMEN SUMMARY	LUMENS	%LAMP	%FIXT
0-30	2495	26.4	37.8
0-40	4170	44.1	63.2
0-60	6335	67.0	96.1
0-90	6594	69.8	100.0
90-180	0	0.0	0.0
0-180	6594	69.8	100.0

TOTAL LUMINAIRE EFFICIENCY = 59.8 %
TOTAL REFLECTANCE OF PAINT = 90.0 %

CIE TYPE - DIRECT
PLANE : 0-DEG 90-DEG
SPACING CRITERIA : 1.2 1.5
SHIELDING ANGLES : 23 35
PLANE : 0-DEG 90-DEG
LUMINOUS LENGTH : 21.000 21.000

LUMINANCE DATA IN CANDELA/SQ M	ANGLE AVERAGE AVERAGE
IN DEG 0-DEG 45-DEG 90-DEG	
45 8984. 10007. 7905.	
55 6542. 4760. 3779.	
65 1247. 1688. 2394.	
75 421. 448. 475.	
85 202. 282. 282.	



THIS REPORT IS BASED ON PUBLISHED INDUSTRY PROCEDURES • FIELD PERFORMANCE MAY DIFFER FROM LABORATORY PERFORMANCE

ORDERING INFORMATION Explanation of Catalogue Number Example: DPA2G12LS26U120SO

DP	A	2	G	12	L	S	2	6U	120	SO	
DEEPCEL PLUS PARABOLIC	BODY STYLE	FIXTURE WIDTH	CEILING TYPE	NUMBERS OF CELLS	LOUVER FINISH*	REFLECTOR S=Single "V" Reflector (2- lamp) P=Dual "V" Reflectors (3-lamp)	LAMP QUANTITY 2 (6U) 3 (2U or FT)	LAMP/FIXTURE LENGTH 2U=T8 1-5/8" U lamp (nominal 24") FT=Twin tube T5 (nominal 24") 6U=6" U lamp T8 or T12 (nominal 24")	VOLTAGE 120, 277 347	BALLAST TYPE 1-2 Lamp Mag. T12	OPTIONS Add appropriate suffix to catalogue no.
Pre-anodized aluminum louver	A=Air Supply S=Static		G=Grid (Lay-in T-bar) T=Slot grid or two-directional concealed T (see options)	12=3 rows or 4	L-Low iridescence Semi-specular (standard) P-Low iridescence Specular W-White Baked Enamel * See options and consult factory						

OPTIONS/ACCESSORIES

DRYWALL KIT: For plaster frames,
order Cat. No.: **FK92X2**
INTERNAL INTERFERENCE FILTER: Consult CFI Fluorescent
representative.
RADIO INTERFERENCE FILTER: 120, 277 or 347 volt,
50 or 60 Hz. SUFFIX: R.

EMERGENCY LIGHTING SYSTEM: SUFFIX: O
Emergency battery pack with charger.
(90 minutes at 20% of lumens for 1 lamp).
LOUVER FINISH: Low iridescence Semi-specular
(standard).
For other finishes, consult factory.

**AIR PATTERN CONTROL AND AIR SLOT
CLOSURE:** For horizontal and vertical air supply
and to balance return.
SUFFIX: S
BALLAST OPTIONS: For other ballast options,
consult ballast specification sheet (folio BA-1-02)

SPECIFICATIONS

PERFORMANCE: In an installation of 3 lamp 40W luminaires in a room cavity ratio of 1, with reflectance of 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .75. To prevent glare the VCP shall not be 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 body ends.

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 within 3" of ballast, use wire suitable for at least 90°.
LABELS: I.B.E.W. UL and ULc Listed.

We reserve the right to change, materials and finish in any way that will not alter installed appearance or reduce function and performance.

CFI FLUORESCENT

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CANLYTE