

DPA2G9LP3FT

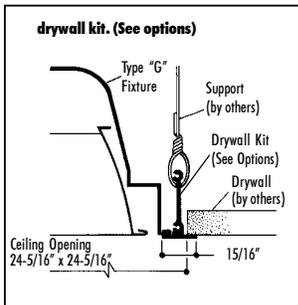
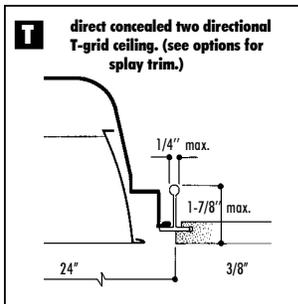
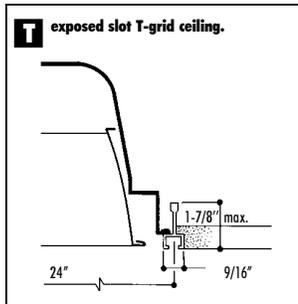
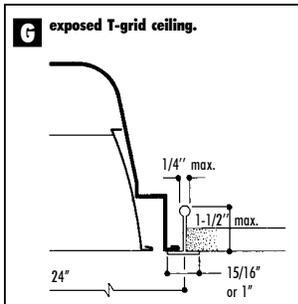
DEEPCEL *plus*

2' X 2' RECESSED FLUORESCENT
3" DEEP, 9 CELL PARABOLIC LOUVER
STATIC OR AIR SUPPLY / RETURN
3-LAMP TT5

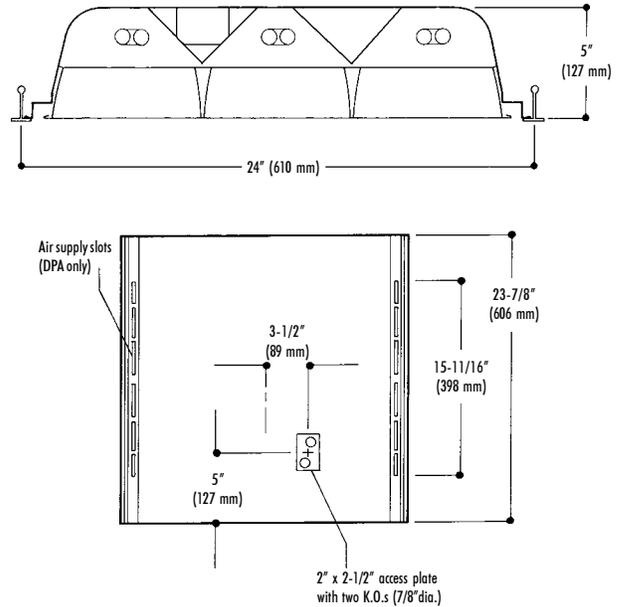
- 5" deep body.
- Individual lamp compartments.
- 72.0% efficient.
- Clean contoured interior.
- Eyeleted heat removal vents in fixture ends.
- One-piece housing.
- Black exterior for cooler ballast operating temperature.
- Hemmed over side rails for safe handling.
- Fixture ends turned-in for safe handling.
- 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

DPA2G9LP3FT

DEEPCEL plus 2' X 2' RECESSED FLUORESCENT

Luminaire Efficacy Rating
LER-59.9 Watts-100 BF-0.88

MODEL NO. DPA2G9LP3FT



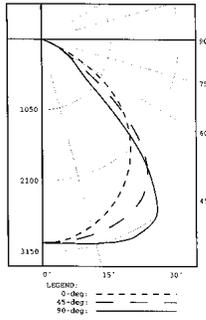
45 Industrial Way
Wilmington, MA 01897
(978) 657-7600

REPORT NO.: G00049 DATE: 03-23-2000
CATALOG NO.: DPA2G9LP3FT120X3
LAMP(S): 3 P40/B/T/M, EACH RATED 3150 LUMENS.
LUMINAIRE: NEW 2X2 TROFFER WITH 3X3 SEMI-SPECULAR LOUVER.
AND 2 COVERS
TRIAD C3401120
0.85 AMPS 100 WATTS

CANDELA DISTRIBUTION		FLUX	
0	0	0	0
0	3014	3014	3014
5	3000	3003	3013
15	2867	2902	2992
25	2635	2731	2926
35	2308	2468	2734
45	1863	2041	2096
55	1237	1271	839
65	354	342	262
75	39	39	38
85	6	7	7
90	0	0	0

ZONAL LUMEN SUMMARY	ZONE	LUMENS	%LAMP	%FIXT
0-30	0-30	2489	26.3	16.6
0-40	0-40	4174	44.2	51.3
0-60	0-60	6457	68.3	94.9
0-90	0-90	6806	72.0	100.0
90-180	90-180	0	0.0	0.0
0-180	0-180	6806	72.0	100.0

TOTAL LUMINAIRE EFFICIENCY = 72.0 %
TOTAL REFLECTANCE OF PAINT = 90.0 %
CIE TYPE - DIRECT
PLANE : 0-DEG 90-DEG
SPACING CRITERIA : 1.2 1.5
SHIELDING ANGLES : 23 23
PLANE : 0-DEG 90-DEG
LUMINOUS LENGTH : 21.000 21.000
LUMINANCE DATA IN CANDELA/SQ M
ANGLE AVERAGE AVERAGE AVERAGE
IN DEG 0-DEG 45-DEG 90-DEG
45 9257. 10415. 7806.
55 7577. 5139. 3749.
65 2943. 2178. 2436.
75 529. 516. 502.
85 242. 282. 282.



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

coefficients of utilization — zonal cavity method

RF	20			20			20		
RC	80			50			30		
RW	70	50	30	50	30	10	50	30	10
1	80	78	75	73	71	70	70	69	68
2	75	70	66	66	63	61	64	61	59
3	69	63	58	60	56	53	58	55	52
4	64	57	51	54	50	46	52	49	46
5	59	51	46	49	44	41	48	44	40
6	55	47	41	45	40	36	44	39	36
7	51	43	37	41	36	33	40	36	32
8	48	39	33	38	33	29	37	32	29
9	45	36	30	35	30	27	34	30	26
10	42	33	28	32	27	24	31	27	24

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	62	55	49	53	70	63	63	61
20	30	65	59	50	46	72	66	61	57
20	40	68	62	55	48	74	68	64	59
20	60	70	64	58	52	76	70	67	61
30	20	68	61	53	55	75	67	63	61
30	30	70	64	54	48	76	69	62	57
30	40	73	66	58	50	78	71	65	58
30	60	74	68	61	53	79	73	67	61
30	80	76	70	63	56	80	74	69	63
40	20	71	66	58	58	77	71	67	62
40	30	73	67	58	51	78	73	65	58
40	40	75	69	62	53	79	74	68	59
40	60	77	71	64	56	80	75	70	61
40	80	78	73	66	59	81	77	71	64
40	100	79	74	68	61	82	78	73	66
60	30	75	70	62	54	80	75	69	60
60	40	77	72	65	56	81	76	70	61
60	60	78	73	67	58	82	77	72	63
60	80	79	75	69	61	82	78	73	65
60	100	80	76	71	63	83	79	74	67
100	40	78	73	68	60	82	77	73	65
100	60	79	75	70	62	82	78	74	67
100	80	80	76	72	65	83	79	76	69
100	100	81	78	73	67	84	80	77	70

ORDERING INFORMATION Explanation of Catalogue Number Example: DPA2G9LP3FT120X3

DP	A	2	G	9	L	P	3	FT	120	X3	
DEEPCEL PLUS 3" PARABOLIC	BODY STYLE	FIXTURE WIDTH	CEILING TYPE	NUMBERS OF CELLS	LOUVER FINISH* L = Low Irridescence Semi-specular (standard) P = Low Irridescence Specular * See options and consult factory	DUAL "V" REFLECTORS	LAMP QUANTITY	LAMP/FIXTURE LENGTH TT5 (nominal 24")	VOLTAGE 120, 277 347	BALLAST TYPE	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)	9 = 3 rows of 3						<20THD† <10THD† SB* B4** 1&2 Lamp Elect. 40w TT5 X3* B3** 1-3 Lamp Elect. 40w TT5 BD** BF** 1&2 Lamp Elect. 55w TT5 PB --- LOL TT5 Dimming * Instant Start Standard ** Rapid Start Standard	

† % Total Harmonic Distortion

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 .78. To prevent glare the VCP shall not be less than 58 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 2943 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 63.4%.
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 80% 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: 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.



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CANLITE