

DPA2G9LP317 or 2U

DEEPCEL *plus*

2' X 2' RECESSED FLUORESCENT

3" DEEP, 9 CELL PARABOLIC LOUVER

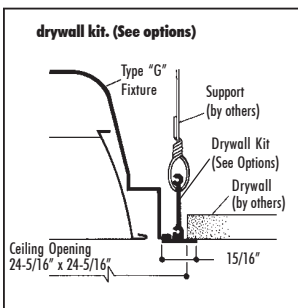
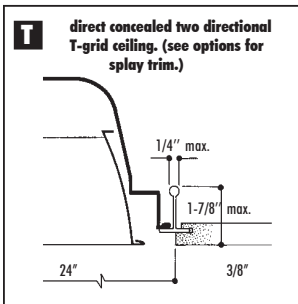
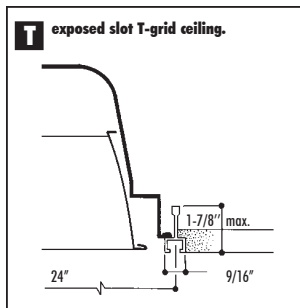
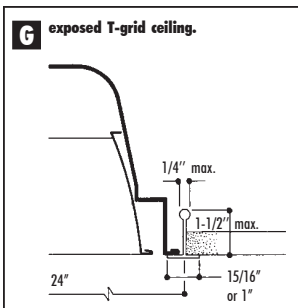
STATIC OR AIR SUPPLY / RETURN

3- LINEAR T8 LAMP OR 3- 1 5/8" U T8 LAMP

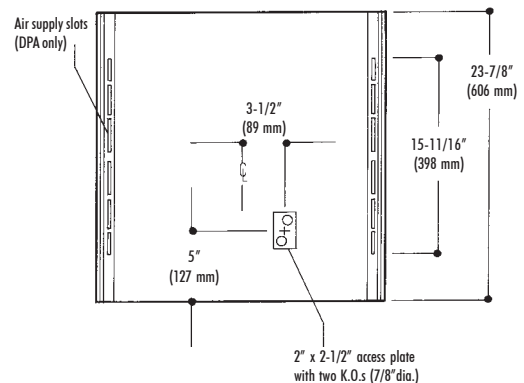
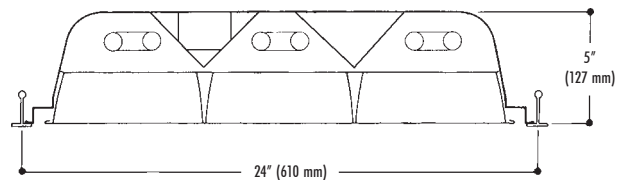
- 5" deep body.
- Individual lamp compartments.
- 63.4% efficient (3-1 5/8" UT8).
- Clean contoured interior.
- Eyeleted heat removal vents in fixture ends.
- One-piece housing.
- Black exterior for cooler ballast operating temperature.
- Hemmed over side rails for safe handling.
- Fixture ends turned-in 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

DPA2G9LP317 or 3U

DEEPCEL *plus* 2' X 2' RECESSED FLUORESCENT

Luminaire Efficacy Rating
LER-56.2 Watts-57.2 BF-0.87

MODEL NO. DPA2G9LP32U

coefficients of utilization — zonal cavity method

room		number of channels								
RF		20			20			20		
RC		80			50			30		
RW		70	50	30	50	30	10	50	30	10
room cavity ratio	1	71	68	66	64	63	61	62	61	59
	2	65	61	58	58	55	53	56	54	52
	3	60	55	51	52	49	46	50	48	45
	4	56	49	45	47	43	40	46	42	40
	5	52	45	39	43	38	35	41	38	35
	6	48	40	35	39	34	31	38	34	31
	7	45	37	32	35	31	28	34	31	28
	8	42	34	29	32	28	25	32	28	25
	9	39	31	26	30	26	23	29	25	23
	10	36	29	24	28	24	21	27	23	21

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	67	60	55	62	70	65	62	61
20	30	70	64	56	53	73	68	62	58
20	40	73	67	60	55	76	70	65	60
20	60	75	69	63	59	77	72	68	63
30	20	72	66	58	61	75	69	63	61
30	30	75	68	59	53	77	71	63	58
30	40	77	71	63	56	79	73	67	60
30	60	78	73	66	59	80	75	69	63
30	80	80	75	68	62	81	77	71	65
40	20	75	69	63	63	78	72	67	62
40	30	77	71	63	56	79	74	67	59
40	40	79	73	66	58	81	76	69	61
40	60	80	75	69	61	82	77	72	63
40	80	82	77	71	63	83	79	73	66
40	100	83	78	73	66	84	80	75	68
60	30	79	74	67	59	81	76	70	62
60	40	80	76	69	61	82	78	72	63
60	60	82	77	71	63	83	79	74	66
60	80	83	79	73	66	84	80	75	68
60	100	83	80	75	68	85	81	77	70
100	40	81	77	72	65	83	79	74	67
100	60	82	78	74	67	84	80	76	69
100	80	84	80	75	69	85	81	78	71
100	100	84	81	77	71	86	82	79	73



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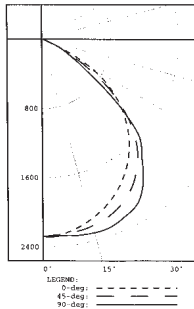
REPORT NO.: G00060 DATE: 03-29-2000
CATALOG NO.: DPA2G9LP32U03
LAMP(S): 3 F8031/41K, EACH RATED 2725 LUMENS.
LUMINAIRE: NEW 2X2 TROFFER WITH 3X3 LI-SS LOUVER,
2 COVERS AND 3 U LAMPS
ADVANCE REL-3P32-SC
0.56 AMPS 78.3 WATTS

CANDELA DISTRIBUTION	PLUX
0 0 22.5 45.0 67.5 90.0	
0 2277 2277 2277 2277 2277	216
5 2263 2265 2265 2278 2279	631
15 2153 2175 2208 2286 2313	978
25 1975 2029 2122 2210 2257	1181
35 1725 1804 1893 1986 2033	1143
45 1388 1464 1494 1532 1599	743
55 948 962 871 886 830	251
65 278 285 227 220 241	35
75 30 31 31 31 31	5
85 5 5 6 5 5	0
90 0 0 0 0 0	

ZONAL LUMEN SUMMARY	LUMENS	%LAMP	%FIXT
0- 30	1826	22.3	35.2
0- 40	3007	36.8	58.0
0- 60	4892	59.8	94.4
0- 90	5185	63.4	100.0
90-180	0	0.0	0.0
0-180	5185	63.4	100.0

TOTAL LUMINAIRE EFFICIENCY = 63.4 %
TOTAL REFLECTANCE OF PAINT = 90.0 %
CIE TYPE - DIRECT
PLANE : 0-DEG 90-DEG
SPACING CRITERIA : 1.2 1.4
SHIELDING ANGLES : 23 23
PLANE : 0-DEG 90-DEG
LUMINOUS LENGTH : 21.000 21.000

LUMINANCE DATA IN CANDELA/90 M	ANGLE	AVERAGE	AVERAGE
IN DEG	0-DEG	45-DEG	90-DEG
45	6897.	7423.	7945.
55	5807.	5335.	3859.
65	2311.	1887.	2004.
75	407.	421.	421.
85	202.	242.	202.



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

ORDERING INFORMATION Explanation of Catalogue Number Example: DPA2G9LP31712003

DP	A	2	G	9	L	P	3	17	120	03	
DEEPCEL PLUS 3" PARABOLIC	BODY STYLE	FIXTURE WIDTH	CEILING TYPE	NUMBERS OF CELLS	LOUVER FINISH* L = Low Irrescence Semi-specular (standard) P = Low Irrescence Specular * See options and consult factory	DUAL "V" REFLECTORS	LAMP QUANTITY	LAMP/FIXTURE LENGTH	VOLTAGE 120, 277 347	BALLAST TYPE	OPTIONS Add appropriate suffix to catalogue no.
Pre-anodized aluminum louder	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				2U=31w T8, 1 5/8" U Lamp 17=17w T8, 2' Lamp (nominal 24")		<20THD† <10THD† S0* R0** 1&2 Lamp Elect. T8 O3* R3** 1-3 Lamp Elect. T8 PS --- LOL T8 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 31W 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 68. To prevent glare the VCP shall not be less than 82 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 2311 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 64.8%.

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

CANLITE

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