

DPA2G32LS432

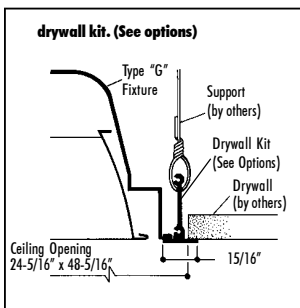
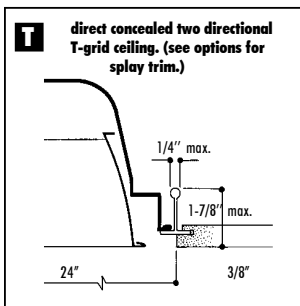
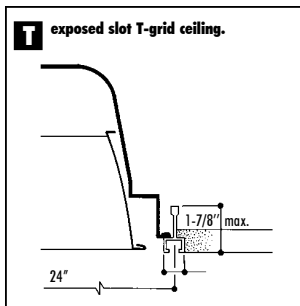
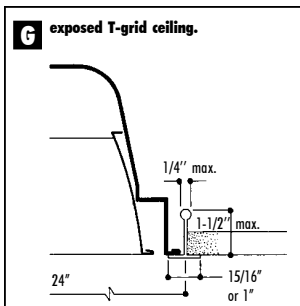
DEEPCEL *plus*

2' X 4' RECESSED FLUORESCENT
3" DEEP, 32 CELL PARABOLIC LOUVER
STATIC OR AIR SUPPLY / RETURN
4-LAMP FLUORESCENT

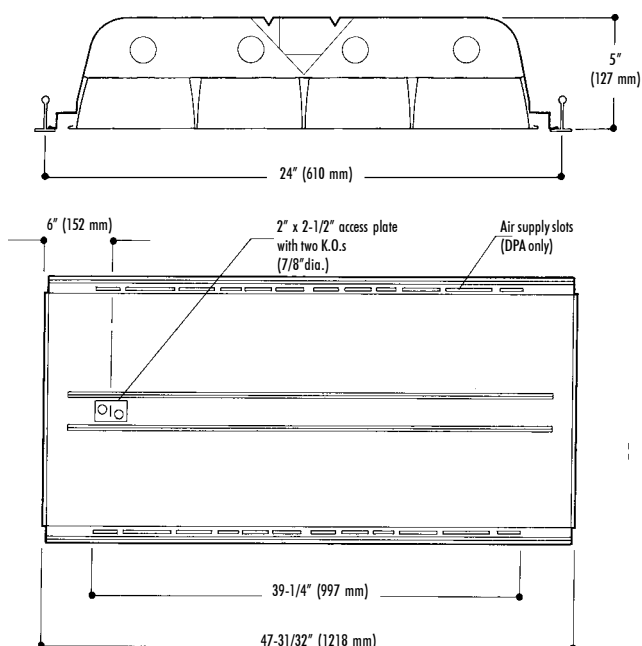
- 5" deep body.
- 64.1% efficient.
- Clean contoured interior.
- Eyeleted heat removal vents in fixture ends.
- One-piece housing has ribbed construction for added strength.
- Black exterior for cooler ballast operating temperature.
- Hemmed over side rails for safe handling.
- Fixture ends turned-in for safe handling.
- Built-in Hold-Down dip (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

DPA2G32LS432

DEEPCEL *plus* 2' X 4' RECESSED FLUORESCENT

Luminaire Efficacy Rating
LER-59.8 Watts-90.4 BF-0.89

MODEL NO. DPA2G24PP332

coefficients of utilization — zonal cavity method

RF	20			20			20		
	80			50			30		
RW	70	50	30	50	30	10	50	30	10
1	80	77	75	72	71	69	70	68	67
2	74	69	65	65	63	60	63	61	59
3	68	62	57	59	55	52	57	54	51
4	63	56	51	53	49	46	52	48	45
5	58	50	45	48	44	40	47	43	40
6	54	46	40	44	39	36	43	38	35
7	50	42	36	40	35	32	39	35	31
8	47	38	33	37	32	28	36	31	28
9	44	35	30	34	29	26	33	29	26
10	41	32	27	31	27	23	31	26	23

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	83	79	70	74	83	79	75	77
20	30	81	79	77	71	84	80	78	71
20	40	81	80	77	74	84	80	79	75
20	60	82	80	77	74	84	80	79	75
30	20	81	82	74	75	84	81	77	76
30	30	82	82	78	72	84	82	80	71
30	40	82	82	78	74	84	82	80	75
30	60	82	83	78	73	84	82	80	75
30	80	82	83	78	73	84	82	80	75
40	20	81	82	76	77	84	81	79	78
40	30	82	82	79	74	84	82	81	73
40	40	82	83	79	74	84	82	81	76
40	60	82	83	79	75	84	82	82	76
40	80	82	83	79	75	84	82	82	76
40	100	82	83	80	75	84	82	82	76
60	30	82	83	79	76	84	82	81	73
60	40	82	83	79	76	84	82	82	76
60	60	82	83	79	76	84	82	82	76
60	80	82	83	80	76	84	82	82	76
60	100	82	83	80	76	84	82	82	76
100	40	82	83	79	76	84	82	82	76
100	60	82	83	80	76	84	82	82	76
100	80	82	83	80	77	84	82	81	76
100	100	82	83	80	77	85	82	81	76

TESTING
LABORATORY

45 Industrial Way
Wilmington, MA 01887
(978) 657-7800

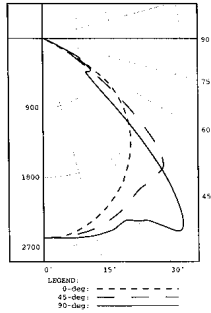
REPORT NO.: G99055 DATE: 04-07-2000
CATALOG NO.: DPA2G24PP33212003
LAMP(S): 3 TL80 F32T8/TL841, EACH RATED 2850 LUMENS.
LUMINAIRE: NEW 2X4 TROFFER WITH 3X8 SPECULAR LOUVER
AND 2 COVERS
ADVANCE REL-3P32-RH-TP
0.76 AMPS 90.4 WATTS

CANDELA DISTRIBUTION FLUX
0 0.0 22.5 45.0 67.5 90.0
0 2577 2577 2577 2577 2577
5 2571 2566 2573 2581 2588
15 2446 2470 2546 2610 2633
25 2234 2310 2441 2539 2588
35 1951 2074 2215 2363 2431
45 1596 1785 2212 2462 2541
55 1097 1253 1528 1811 1948
65 46 100 218 291 219
75 9 9 9 10 9
85 3 3 3 3 3
90 0 0 0 0 0

ZONAL LUMEN SUMMARY
ZONE LUMENS %LAMP %FIXT
0-30 2088 24.4 34.3
0-40 3592 42.0 58.9
0-60 5876 68.7 96.4
0-90 6097 71.3 100.0
90-180 0 0.0 0.0
0-180 6097 71.3 100.0

TOTAL LUMINAIRE EFFICIENCY = 71.3 %
TOTAL REFLECTANCE OF PAINT = 90.0 %
CIE TYPE - DIRECT
PLANE : 0-DEG 90-DEG
SPACING CRITERIA : 1.2 1.6
SHIELDING ANGLES : 29 39
PLANE : 0-DEG 90-DEG
LUMINOUS LENGTH : 45.000 21.000

LUMINANCE DATA IN CANDELA/SQ M
ANGLE AVERAGE AVERAGE AVERAGE
IN DEG 0-DEG 45-DEG 90-DEG
45 3698. 5129. 4037.
55 3126. 2653. 2138.
65 178. 846. 850.
75 57. 57. 57.
85 56. 56. 56.



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

ORDERING INFORMATION Explanation of Catalogue Number Example: DPA2G32LS43212004

DP	A	2	G	32	L	S	4	32	120	04	
DEEPCEL PLUS 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	SINGLE "V" REFLECTOR	LAMP QUANTITY	LAMP/FIXTURE LENGTH	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)	32=4 rows of 8				32=T8 34=TL12 (nominal 48")	LE <20THD* <10THD* SO* RO** 2-2 Lamp Elect. T8 O4* R4** 1-4 Lamp Elect. T8 PS --- LOL T8 Dimming * Instant Start Standard ** Rapid Start Standard	2-2 Lamp Mag. T12	

+ % Total Harmonic Distortion

OPTIONS/ACCESSORIES

DRYWALL KIT: For plaster frames,
order Cat. No.: **FK92X4**
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 4 lamp 32W 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 .69. 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 1138 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 63.9%.

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

525 EDUCATION RD., CORNWALL, ONTARIO K6H 6C7
TEL.: (613) 938-6221 • FAX: (613) 938-0961

CANLITE