

DPA2G16LS26U

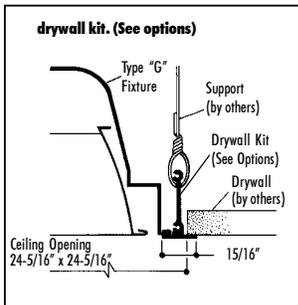
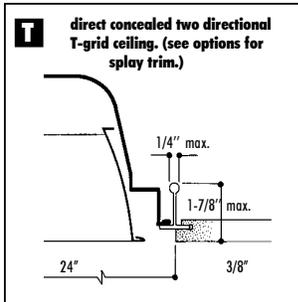
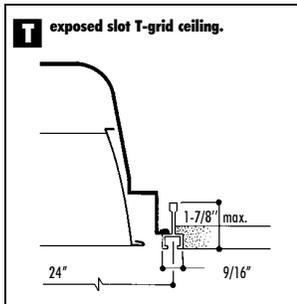
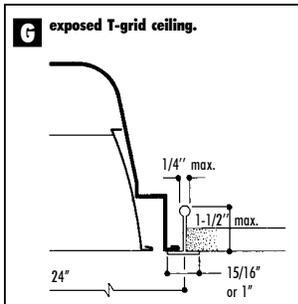
DEEPCEL *plus*

2' X 2' RECESSED FLUORESCENT
 3" DEEP, 16 CELL PARABOLIC LOUVER
 STATIC OR AIR SUPPLY / RETURN
 2-6"U LAMP FLUORESCENT

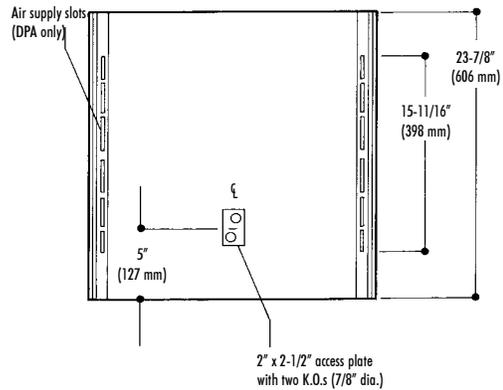
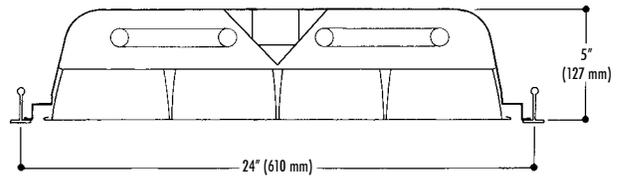
- 5" deep body.
- 61.6% efficient.
- Clean contoured interior.
- Eyeleted heat removal vents in fixture ends.
- One-piece housing.
- Black exterior for cooler ballast operating temperature.
- Hemmed over side rails for safe handling.
- Fixture ends turned-in for safe handling.
- Built-in Hold-Down clip. (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

DPA2G16LS26U

DEEPCEL plus 2' X 2' RECESSED FLUORESCENT

Luminaire Efficacy Rating
LER-49.4 Watts-57.5 BF-0.87

MODEL NO. DPA2G16LS26U

coefficients of utilization — zonal cavity method

RF	20			20			20		
RC	80			50			30		
RW	70	50	30	50	30	10	50	30	10
room cavity ratio	1	69	66	64	63	61	60	59	58
	2	64	60	56	57	54	52	55	51
	3	59	54	50	51	48	45	49	44
	4	55	48	44	46	42	40	45	42
	5	51	44	39	42	38	35	41	37
	6	47	40	35	38	34	31	37	34
	7	44	36	31	35	31	28	34	30
	8	41	33	29	32	28	25	31	28
	9	38	31	26	30	26	23	29	25
	10	36	28	24	28	24	21	27	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	79	73	66	70	79	72	67	72
20	30	82	75	70	66	81	75	69	65
20	40	84	78	73	69	83	77	73	68
20	60	85	80	76	72	84	79	75	71
30	20	83	77	69	70	83	77	69	71
30	30	85	79	72	66	84	79	72	66
30	40	86	81	75	69	86	81	74	68
30	60	87	83	77	72	87	82	77	71
30	80	87	83	79	74	87	84	78	73
40	20	84	80	73	71	84	80	74	72
40	30	86	81	76	68	86	81	75	68
40	40	87	83	78	71	87	83	77	70
40	60	88	84	80	73	88	84	79	72
40	80	88	84	81	75	88	85	81	74
40	100	88	84	81	77	88	85	82	76
60	30	87	82	77	71	86	82	77	71
60	40	88	84	79	73	87	84	79	73
60	60	89	85	81	75	88	85	81	74
60	80	89	85	82	77	89	86	82	76
60	100	89	86	83	79	89	86	83	78
100	40	88	84	81	75	87	84	80	74
100	60	89	85	82	77	88	85	81	76
100	80	89	86	83	79	89	86	83	78
100	100	89	86	84	80	89	86	84	80

45 Industrial Way
Wilmington, MA 01887
(978) 637-7000

REPORT NO.: G00030 DATE: 02-24-2000
CATALOG NO.: DPA2G16LS26U120SO
LAMP(S): 2 T8 U6, EACH RATED 2750 LUMENS
LUMINAIRE: NEW 2X2 TROFFER WITH 4X4 SEMI-SPECULAR LOUVER
0.48 AMPS 57.5 WATTS

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0	FLUX
0	1573	1573	1573	1573	1573	1573
5	1567	1566	1568	1575	1578	150
15	1480	1495	1544	1599	1618	437
25	1353	1390	1459	1535	1575	673
35	1178	1224	1274	1308	1331	786
45	951	966	907	862	892	706
55	600	570	505	530	566	486
65	86	93	104	110	110	125
75	16	3	18	19	19	20
85	2	3	3	3	3	3
90	0	0	0	0	0	0

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT
0-30	1260	22.9	37.2
0-40	2047	37.2	60.4
0-60	3238	58.9	95.6
0-90	3386	61.6	100.0
90-180	0	0.0	0.0
0-180	3386	61.6	100.0

TOTAL LUMINAIRE EFFICIENCY = 61.6 %
TOTAL REFLECTANCE OF PAINT = 90.0 %
CIE TYPE - DIRECT

FLARE: 0-DEG 90-DEG
SPACING CRITERIA: 1.2 1.3
SHIELDING ANGLES: 35 35

PLANE: 0-DEG 90-DEG
LUMINOUS LENGTH: 21.000 21.000

LUMINANCE DATA IN CANDELA/50 M
ANGLE AVERAGE AVERAGE AVERAGE
IN DEG 0-DEG 45-DEG 90-DEG

45	4725.	4507.	4432.
55	3675.	3093.	3467.
65	715.	865.	914.
75	217.	244.	258.
85	81.	121.	121.

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

ORDERING INFORMATION Explanation of Catalogue Number Example: DPA2G16LS26U120SO

DP	A	2	G	16	L	S	2	6U	120	SO	
DEEPCEL PLUS 3" PARABOLIC	BODY STYLE	FIXTURE WIDTH	CEILING TYPE	NUMBERS OF CELLS	LOUVER FINISH* L-Low iridescence S-Semi-specular P-Low iridescence Specular * See options and consult factory	SINGLE "V" REFLECTOR	LAMP QUANTITY	LAMP/FIXTURE LENGTH 6"U Lamp T8 or T12 (nominal 24")	VOLTAGE 120,277 347	BALLAST TYPE 1-2 Lamp Mag. 34w 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)	16=4 rows of 4				LE <20THD* <10THD* SO* RO** 1-2 Lamp Elect. 31w 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 2 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 .66. To prevent glare the VCP shall not be less than 74 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 914 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 62.8%.

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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