

DPA2G9LS26U

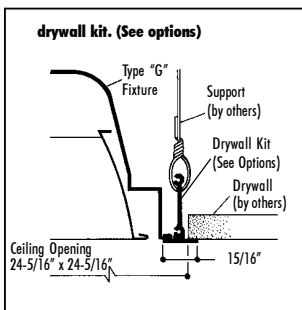
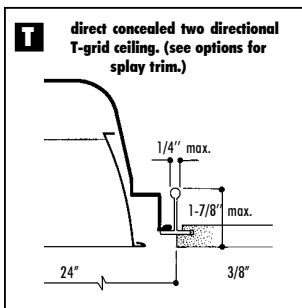
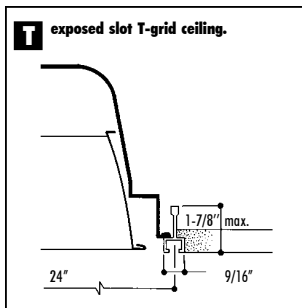
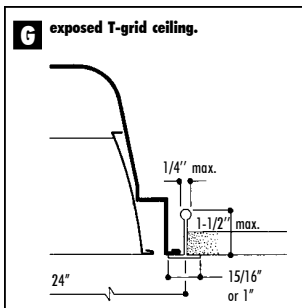
DEEPCEL *plus*

2' X 2' RECESSED FLUORESCENT
3" DEEP, 9 CELL PARABOLIC LOUVER
STATIC OR AIR SUPPLY / RETURN
2-6"U LAMP FLUORESCENT

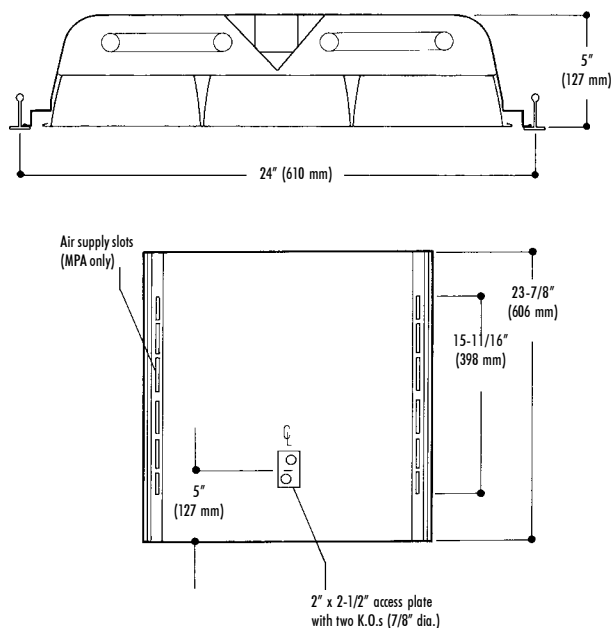
- 5" deep body.
- 66.2% efficient.
- Clean contoured interior.
- Eyeleted heat removal vents in fixture ends.
- One-piece housing.
- Black exterior for cooler ballast operating temperature.
- Hemmed over side rails for safe handling.
- Fixture ends turned-in for safe handling.
- Built-in Hold-Down clip (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

DPA2G9LS26U

DEEPCEL *plus* 2' X 2' RECESSED FLUORESCENT

MODEL NO. DPA2G9LS26U

Luminaire Efficacy Rating
LER-53.4 Watts-57.2 BF-0.87



45 Industrial Way
Wilmington, MA 01887
(978) 657-7000

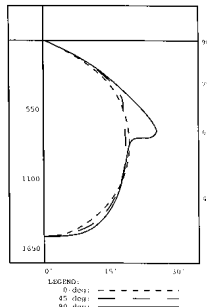
REPORT NO.: G00027 DATE: 02-22-2000
CATALOG NO.: DPA2G9LS26U120SO
LAMP(S): 2 T8 U6, EACH RATED 2750 LUMENS
LUMINAIRE: NEW 2X2 TROFFER WITH 3X3 SEMI-SPECULAR LOUVER
0.478 AMPS 57.2 WATTS

CANDELA DISTRIBUTION				FLUX			
0	0	22.5	45.0	67.5	90.0		
0	1552	1552	1552	1552	1552		
5	1545	1544	1546	1553	1556	147	
15	1465	1475	1501	1521	1530	423	
25	1341	1356	1353	1361	1369	625	
35	1165	1158	1132	1126	1146	716	
45	943	917	905	985	1090	743	
55	677	664	744	898	966	683	
65	214	243	286	297	301	271	
75	23	26	26	27	27	30	
85	4	4	5	5	4	5	
90	0	0	0	0	0		

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	1195	21.7	32.8
0-40	1913	34.7	52.5
0-60	3336	60.7	91.6
0-90	3643	66.2	100.0
90-180	0	0.0	0.0
0-180	3643	66.2	100.0

TOTAL LUMINAIRE EFFICIENCY = 66.2 %
TOTAL REFLECTANCE OF PAINT = 90.0 %
CIE TYPE - DIRECT
PLANE : 0-DEG 90-DEG
SPACING CRITERIA : 1.2 1.2
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	4686	4497	5416
55	4147	4557	5917
65	1779	2378	2502
75	312	353	367
85	161	202	161



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		
	80			50			30		
RW	70	50	30	50	30	10	50	30	10
1	73	71	69	67	65	63	64	63	61
2	68	63	59	60	57	54	57	55	53
3	62	56	51	53	49	46	51	48	46
4	57	50	45	48	43	40	46	43	40
5	53	45	40	43	38	35	42	38	35
6	49	41	35	39	34	31	38	34	31
7	45	37	31	35	31	27	35	30	27
8	42	34	28	32	28	25	32	27	24
9	40	31	26	30	25	22	29	25	22
10	37	29	24	28	23	20	27	23	20

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	61	59	70	63	57	54	65
20	30	70	65	60	59	67	61	54	54
20	40	73	68	64	61	70	64	59	56
20	60	75	70	67	64	72	67	62	59
30	20	72	66	59	67	69	62	56	64
30	30	75	69	60	57	72	66	57	53
30	40	77	71	64	59	75	68	61	56
30	60	79	73	67	62	76	71	64	59
30	80	80	75	69	65	78	73	66	62
40	20	75	69	63	66	73	66	60	64
40	30	78	72	64	58	75	69	61	55
40	40	80	74	67	60	77	71	64	57
40	60	81	76	70	63	79	73	67	60
40	80	82	78	72	65	80	75	69	63
40	100	83	79	74	68	81	77	71	65
60	30	79	74	67	61	76	71	64	58
60	40	80	76	70	62	78	73	67	60
60	60	82	78	72	65	80	75	70	63
60	80	83	79	74	67	81	77	72	65
60	100	84	80	76	69	82	78	73	67
100	40	81	76	73	66	79	74	69	64
100	60	83	79	74	68	81	76	72	66
100	80	84	80	76	71	82	78	74	69
100	100	85	82	78	72	84	80	76	70

ORDERING INFORMATION Explanation of Catalogue Number Example: DPA2G9LS26U120SO

DP	A	2	G	9	L	S	2	6U	120	SO	
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 G = Champagne Gold * See options and consult factory	SINGLE "V" REFLECTOR	LAMP QUANTITY	LAMP/FIXTURE LENGTH	VOLTAGE 120, 277 347	BALLAST TYPE LE --- 1-2 Lamp Mag. 34w T12 <20THD† <10THD† SO* RO** 1-2 Lamp Elect. 31w T8 PS --- LOL T8 Dimming * Instant Start Standard **Rapid Start Standard	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				6"U Lamp T8 or T12 (nominal 24")			

† % 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 .71. To prevent glare the VCP shall not be less than 63 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 2502 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 67.2%.

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

CANLYTE

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