

DPA2G24PP332

DEEPCEL *plus* VDT

2' X 4' RECESSED FLUORESCENT

3" DEEP, 24 CELL SPECULAR PARABOLIC LOUVER

STATIC OR AIR SUPPLY / RETURN

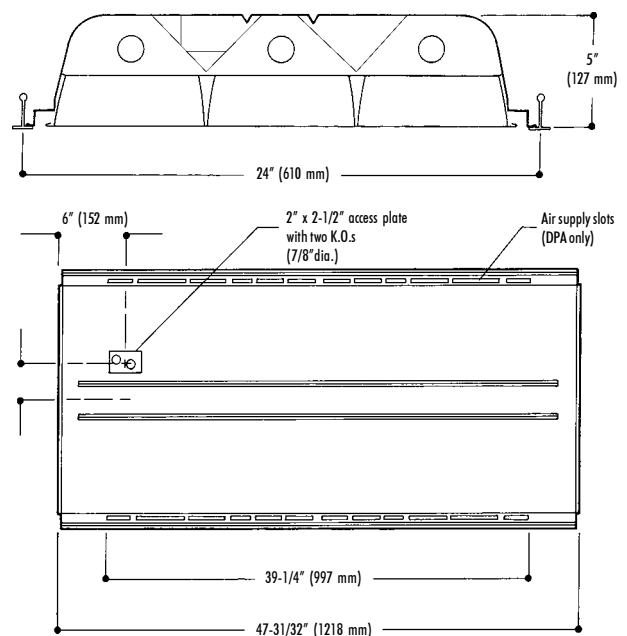
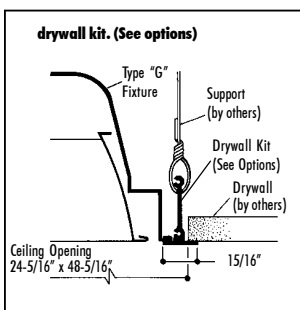
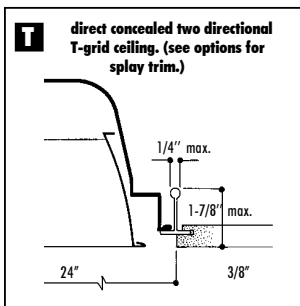
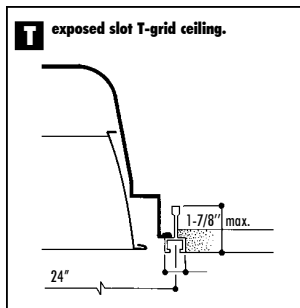
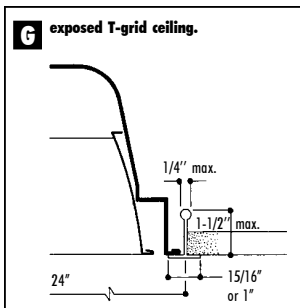
IES RP-1 FOR NORMAL VDT USE

- Meets IES RP1 luminance criteria, recommended (basic) for lighting VDT areas.
- Individual lamp compartments.
- 5" deep body.
- 71.3% 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 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

DPA2G24PP332

DEEPCEL *plus* VDT 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
RC	80	50	30
RW	70	50	30
1	80	77	75
2	74	69	65
3	68	62	57
4	63	56	51
5	58	50	45
6	54	46	40
7	50	42	36
8	47	38	33
9	44	35	30
10	41	32	27

visual comfort probability (VCP) average 100 fc; reflectances 80/50/20

room size	ceiling height	ceiling height	ceiling height
W	L	8.5	10.0
20	20	83	79
20	30	81	79
20	40	81	80
20	60	82	80
30	20	81	82
30	30	82	82
30	40	82	82
30	60	82	83
30	80	82	83
40	20	81	82
40	30	82	82
40	40	82	83
40	60	82	83
40	80	82	83
40	100	82	83
60	30	82	83
60	40	82	83
60	60	82	83
60	80	82	83
60	100	82	83
100	40	82	83
100	60	82	83
100	80	82	83
100	100	82	83



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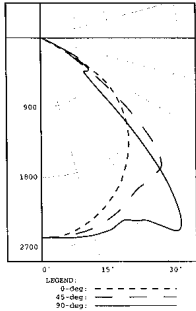
REPORT NO.: G90055 DATE: 04-07-2000
CATALOG NO.: DPA2G24PP33212003
LAMP(S): 3 TL80 F32T8/TL841, EACH RATED 2850 LUMENS.
LUMINAIRE: NEW 2X4 TROFFER WITH 3X8 SPECULAR LOUVER
AND 2 COVERS
ADVANCE REL-3P32-RH-TP
0.76 AMPS 90.4 WATTS

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
15 2446 2470 2546 2610 2633	25 2234 2310 2441 2539 2588
25 2234 2310 2441 2539 2588	35 1951 2074 2315 2763 3031
35 1951 2074 2315 2763 3031	45 1595 1785 2212 2962 3741
45 1595 1785 2212 2962 3741	55 1097 1253 1928 2681 3448
55 1097 1253 1928 2681 3448	65 46 100 218 291 219
65 46 100 218 291 219	75 9 9 9 10 9
75 9 9 9 10 9	85 3 3 3 3 3
85 3 3 3 3 3	90 0 0 0 0 0

ZONAL LUMEN SUMMARY	%LAMP	%FXT
0-30 2088	24.4	34.3
0-40 3592	42.0	58.9
0-60 5876	68.7	86.4
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
45 3698	5129	4037	55
55 3136	2653	2138	65
65 176	846	850	75
75 57	57	57	85
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: DPA2G24PP33212003

DP	A	2	G	24	P	P	3	32	120	03	
DEEPCEL PLUS PARABOLIC	BODY STYLE	FIXTURE WIDTH	CEILING TYPE	NUMBERS OF CELLS	LOUVER FINISH* P=Low iridescence Specular * See options and consult factory	DUAL "V" REFLECTORS	LAMP QUANTITY	LAMP/FIXTURE LENGTH	VOLTAGE 120, 277 347	BALLAST TYPE 1&2 Lamp Mag. T12	OPTIONS Add appropriate suffix to catalogue no.
Pre-anodized aluminum louwer	A=Air Supply S=Static		G=Grid (Lay-in T-bar) T=Slot grid or two-directional concealed T (see options)	24=3 rows of 8				32=T8 34=T12 (nominal 48")	LE <20THD [†] <10THD [†] SO* RO** 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.: **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 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 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 .77 with a spacing to
mounting ratio of 1.6 perpendicular to the lamps. To meet IES RPI luminance criteria recommended
(basic) for VDT areas the VCP (visual comfort probability) shall not be less than 82 either crosswise or
lengthwise and the maximum average brightness at 65°, 75° and 85° shall not exceed 850, 57 and 56
candelas per square meter respectively in the 0°, 45°, and 90° horizontal planes.
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
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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