

DPB2S9LS3FT/2U

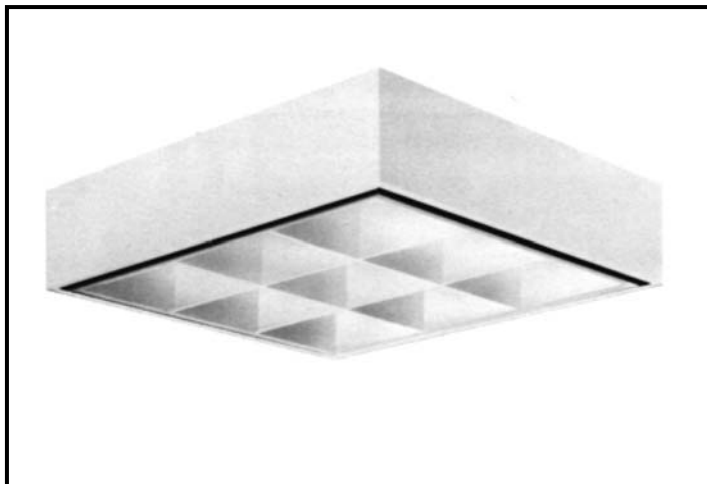
DEEPCELL SURFACE

2' X 2' SURFACE FLUORESCENT

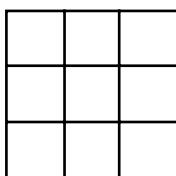
3" TYPE, 9 CELL PARABOLIC LOUVER

3 LAMP TT5 OR 1-5/8" U T8 LAMP

- Only 5 1/2" deep.
- Welded 20 gauge steel body.
- 45° mitered corners (body and louver).
- Side-mounted ballast for cooler operation.
- Coilzak® aluminum parabolic louver.
- Vertical grain on louver eliminates reflected lamp images on cross baffle.
- Perfectly uniform four-side black reveal.
- Spring-loaded "roosterhead" latches.
- Reversible louver hinging.
- Door jamb with integral positive lighth stop.
- Flush end K.O.s for smooth surface appearance (at the end of row or individual).
- Protective film dust guard.
- Louver interchangeable with Prismalyte (PNB).

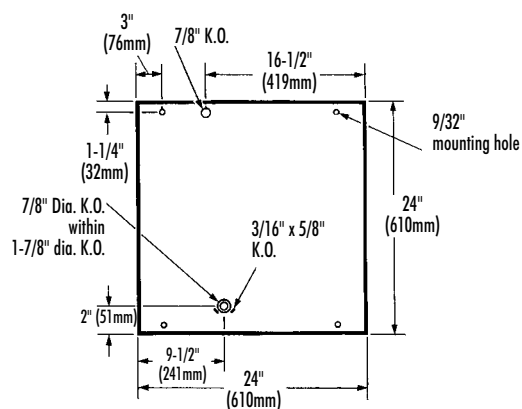
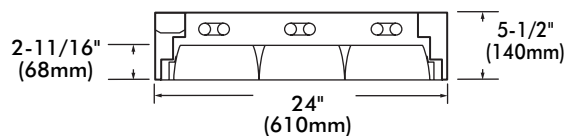


LOUVER CONFIGURATION



9 Cells

DIMENSIONS



MOUNTING METHODS/FEATURES



FIXTURE TYPE	VOLTS
JOB INFORMATION: _____	

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PHOTOMETRY



45 Industrial Way
Wilmington, MA 01887
(508) 657-1600

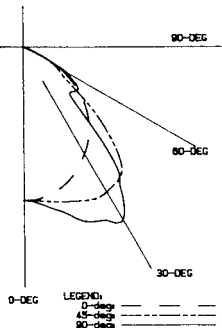
REPORT NO.: (G90051) DATE: 06-22-1990
CATALOG NO.: DPB2S9LS3FT120X3
LAMP(S): 3 F40BX/SPX30/RS, EACH RATED 3150 LUMENS
LUMINAIRE: 2X2 3 U-LAMP B1AX SURFACE DC W/9 CELL SEMI-SPEC LVR WATTS: 128 MEASURED WATTS

CANDELA DISTRIBUTION	FLUX
0 0 22.5 45.0 67.5 90.0	
0 2320 2320 2320 2320 2320	
5 2310 2316 2334 2362 2371	224
15 2198 2271 2420 2561 2618	687
25 1994 2168 2534 2788 2887	1152
35 1728 2035 2483 2630 2552	1453
45 1379 1785 1807 1119 1000	1176
55 917 1166 707 877 993	818
65 255 249 281 209 140	265
75 12 14 15 15 13	16
85 1 1 2 2 2	2
90 0 0 0 0 0	

ZONAL LUMEN SUMMARY	LUMENS	%LAMP	%FIXT
0-30	2063	21.8	35.6
0-40	3516	37.2	60.7
0-60	5510	58.3	95.1
0-90	5793	61.3	100.0
90-180	0	0.0	0.0
0-180	5793	61.3	100.0

TOTAL LUMINAIRE EFFICIENCY = 61.3 %
TOTAL REFLECTANCE OF PAINT = 90.0 %
CIE TYPE - DIRECT
PLANE : 0-DEG 90-DEG
SPACING CRITERIA : 1.2 1.5
SHIELDING ANGLES : 25 25
LUMINOUS LENGTH : 21.000 21.000

LUMINANCE DATA IN FOOTLAMBERTS	ANGLE	AVERAGE	AVERAGE
IN DEG	0-DEG	45-DEG	90-DEG
0	2380	2380	2380
45	2001	2621	1451
55	1640	1264	1776
65	619	682	340
75	48	59	52
85	12	24	24



MODEL NO. DPB2S2S9LS3FT120X3

coefficients of utilization — zonal cavity method

RF	20	20	20
RC	80	50	30
RW	70	50	30
1	69	67	65
2	64	60	57
3	60	55	51
4	55	50	45
5	51	45	40
6	47	40	36
7	44	36	32
8	40	33	28
9	37	29	25
10	34	27	22

visual comfort probability

room size	ceiling height	ceiling height	ceiling height
W	L	8.5	10.0
20	20	71	62
20	30	75	67
20	40	75	71
20	60	75	71
30	20	75	69
30	30	79	73
30	40	79	76
30	60	79	76
30	80	79	76
40	20	75	69
40	30	79	74
40	40	79	77
40	60	79	77
40	80	79	77
40	100	79	77
60	30	79	74
60	40	79	77
60	60	79	77
60	80	79	77
60	100	79	77
100	40	79	77
100	60	79	77
100	80	80	77
100	100	80	77

ORDERING INFORMATION Explanation of Catalogue Number Example: DPB2S9LS3FT120X3

DP	B	2	S	9	L	S	3	FT	120	X3	
DEEPCELL PARABOLIC: Pre-anodized Aluminum Louver	BODY STYLE: Surface Box	FIXTURE WIDTH	CEILING TYPE: S=Surface	NUMBER OF CELLS	LOUVER FINISH*: L= Low-iridescence semi-specular (standard) P= Low-iridescence specular	BALLAST COVER	LAMP QUANTITY: 3=3 Lamp	LAMP/ FIXTURE LENGTH: 2U=T8, 1-5/8" U Lamp (nominal 24") FT=Twin Tube T5 (nominal 24")	VOLTAGE: 120, 277 347	BALLAST TYPE: LE <20THD† SO* <10THD† O3* RO** SB* R3** X3 BH** PB B3** --- LOL TTS Dimming	OPTIONS: Add appropriate suffix to catalog no.

*Consult factory for availability of louver finishes.

† % total harmonic distortion

OPTIONS/ACCESSORIES

STEM AND CANOPY SETS: Suspends fixture 6", 12", 18" or 24" from surface. (Four per fixture is recommended.) **Catalog Number:** STKF12 (12"); STKF18 (18"); STKF24 (24"); STKF36 (36"); STKF48 (48")

FUSING: Internal fast-blow fusing. SUFFIX: F.
RADIO INTERFERENCE FILTER 120 or 277 volt, 50 or 60 Hz. One per fixture is standard. SUFFIX: R.

ELECTRICAL/WIRING OPTIONS Consult factory.

SPECIFICATIONS:

PERFORMANCE: In an installation of 3 T5 lamp 32W luminaires in a room cavity ratio of 1, with a reflectance of 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .67. To prevent glare the VCP shall be not less than 79 either lengthwise or cross wise (at 100fc level) and the average brightness at 65° shall not exceed 682 footlamberts. To control veiling reflections, luminaire output in the 30°-90° zone shall be not less than 64%.

MATERIALS: Chassis parts are die-formed 20 gauge cold rolled steel, welded for rigidity with all seams finished smooth.

LOUVER: pre-anodized aluminum (Coilzak® or equal).

STANDARD FINISH: Louver—low iridescence, semi-specular pre-anodized vertical grain reflector sheet. **Cavity**—white baked acrylic enamel minimum 86% reflectance. Phosphate undercoating. **Chassis exterior**—white baked acrylic enamel.

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°.

TAGS: I.B.E.W./UL and C-UL.

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

C/NLYTE

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