

DPB2S9LS26U

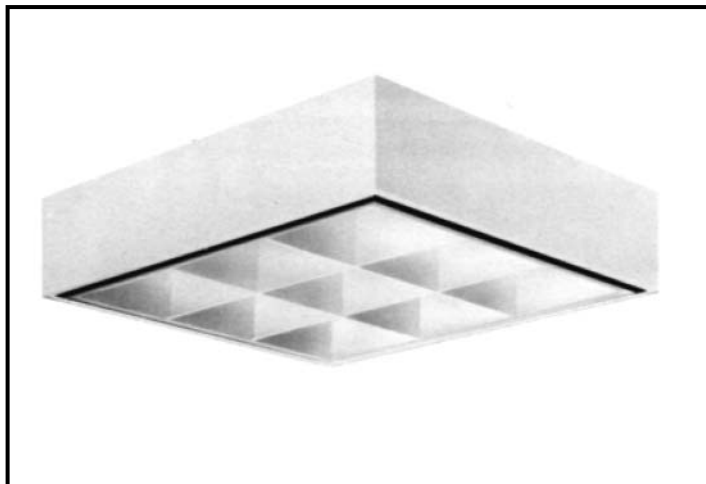
DEEPCELL SURFACE

2' X 2' SURFACE FLUORESCENT

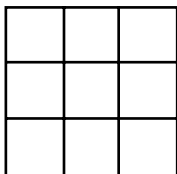
3" TYPE, 9 CELL PARABOLIC LOUVER

2- 6" U LAMP T8/T12

- 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).

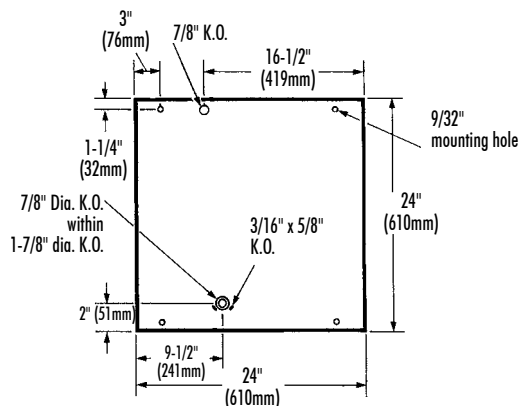
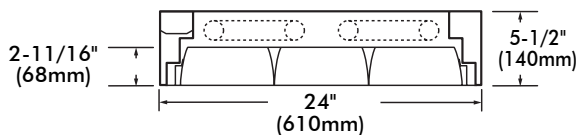


LOUVER CONFIGURATION



9 Cells

DIMENSIONS



MOUNTING METHODS/FEATURES



FIXTURE TYPE	VOLTS
JOB INFORMATION: _____	

CFI FLUORESCENT

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DEEPCELL SURFACE 2' X 2' SURFACE FLUORESCENT

PHOTOMETRY



45 Industrial Way
Wilmington, MA 01887
(978) 657-7600

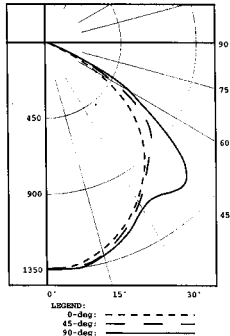
REPORT NO.: G01021 DATE: 05-25-01
CATALOG NO.: DPB2S9LS26U120SO
LAMP(S): 2 PHILIPS TL70 F831T8/, EACH RATED 2750 LUMENS.
LUMINAIRE: 2X2 MODULAR HOUSING WITH 9 CELL LOUVER
0.47 AMPS 55.7 WATTS
TRIAD B2321120

CANDELA DISTRIBUTION	FLUX
0 0 22.5 45.0 67.5 90.0	
0 1341 1341 1341 1341 1341	
5 1340 1338 1340 1345 1347	128
15 1271 1284 1298 1305 1306	365
25 1153 1168 1175 1195 1205	543
35 997 1007 1016 1064 1120	652
45 807 823 880 1057 1171	719
55 534 558 670 739 792	584
65 176 201 237 274 279	240
75 32 34 35 39 41	40
85 7 7 8 8 7	9
90 0 0 0 0 0	

ZONAL LUMEN SUMMARY	
ZONE LUMENS %LAMP %FIXT	
0-30 1036 18.8 31.6	
0-40 1688 30.7 51.5	
0-60 2992 54.4 91.2	
0-90 3281 59.7 100.0	
90-180 0 0.0 0.0	
0-180 3281 59.7 100.0	

TOTAL LUMINAIRE EFFICIENCY = 59.7 %
TOTAL REFLECTANCE OF PAINT = 90.0 %
CIE TYPE - DIRECT
PLANE : 0-DEG 90-DEG
SPACING CRITERIA : 1.2 1.3
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 4010. 4373. 5818.	
55 3271. 4104. 4851.	
65 1463. 1970. 2319.	
75 434. 475. 557.	
85 282. 322. 282.	



MODEL NO. DPB2S9LS26U120SO

coefficients of utilization — zonal cavity method

RF	20	20	20	20
RC	80	50	30	10
RW	70	50	30	10
1	66	64	62	60
2	61	57	53	53
3	56	50	46	48
4	51	45	40	43
5	47	40	35	38
6	44	36	31	35
7	41	33	28	32
8	38	30	25	29
9	35	28	23	27
10	33	26	21	25

visual comfort probability

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

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

ORDERING INFORMATION Explanation of Catalogue Number Example: DPB2S9LS26U120SO

DP	B	2	S	9	L	S	2	6U	120	S0	
DEEPCELL PARABOLIC: Pre-anodized Aluminum Louver	BODY STYLE: Surface Box	FIXTURE WIDTH	CEILING TYPE: S=Surface	NUMBER OF CELLS 9 or 12	LOUVER FINISH*: L= Low-iridescence semi-specular (standard) P= Low-iridescence specular	BALLAST COVER	LAMP QUANTITY: (By Others) 2=2 Lamp	LAMP/ FIXTURE LENGTH: 6U=6" U Lamp T8 or T12 (Nominal 24")	VOLTAGE: 120, 277 347	BALLAST TYPE: LE 1 or 2 Lamp Mag. T12 SO* <20THD† <10THD† RO** 1 or 2 Lamp Elect. T8 PS --- LOL T8 Dimming * Instant Start Standard ** Rapid Start Standard † % total harmonic distortion	OPTIONS: Add appropriate suffix to catalog no.

* Consult factory for availability of louver finishes.

OPTIONS/ACCESSORIES

STEM AND CANOPY SETS: Suspend luminaire 12", 18", 24", 36", or 48" from surface. (Four per luminaire is recommended.) catalogue Number: **STKF12** (12"); **STKF18** (18"); **STKF24** (24"); **STKF36** (36"); **STKF48** (48")
RADIO INTERFERENCE FILTER: 120, 277 or 347 volt, 50 or 60 Hz. SUFFIX: **R**.

BALLAST OPTIONS: For other ballast options, consult ballast specification sheet (folio BA-1-02)
LOUVER FINISH: low iridescence semi-specular. For other finishes consult factory.

SPECIFICATIONS:

PERFORMANCE: In an installation of 2U lamp 31W 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 .64. To prevent glare the average brightness at 65° shall not exceed 2319 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall be not less than 68.4%.

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°.

LABELS: 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

CANLYTE

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