

DPB2S18LS332

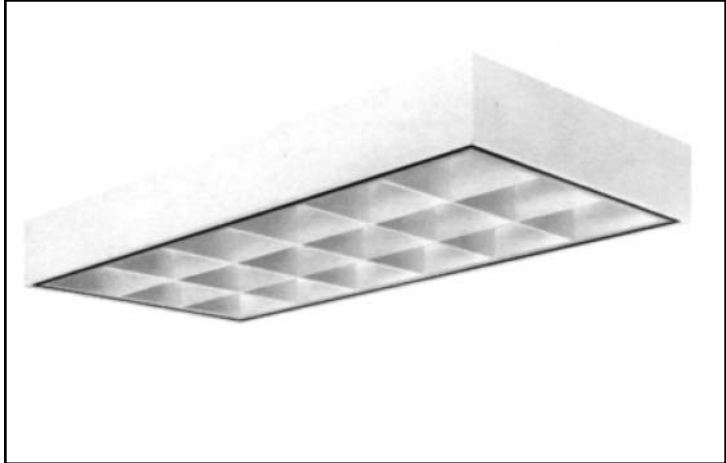
DEEPCELL SURFACE

2' X 4' SURFACE FLUORESCENT

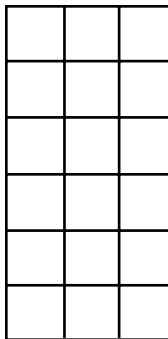
3" TYPE, 18 CELL PARABOLIC LOUVER

3 LAMP T8 OR 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 ligh 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).

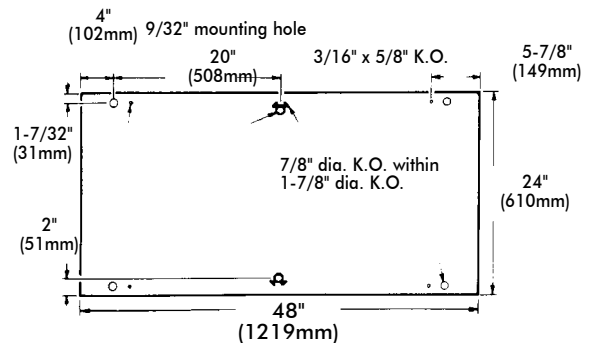
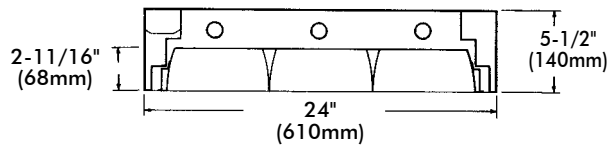


LOUVER CONFIGURATION



18 Cells

DIMENSIONS



MOUNTING METHODS/FEATURES



FIXTURE TYPE

VOLTS

JOB INFORMATION:

CFI FLUORESCENT

DPB2S18LS332

DEEPCELL SURFACE 2' X 4' SURFACE FLUORESCENT

PHOTOMETRY



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

REPORT NO.: G01025 DATE: 06-13-01
CATALOG NO.: DPB2S18LS33212003
LAMP(S): 3 F32/T8, TL841, EACH RATED 2850 LUMENS.
LUMINAIRE: MODULAR 2X4 WITH 18 CELL LOUVER
TRIAD B2321120/E1321S120
.74 AMPS 87.7 WATTS

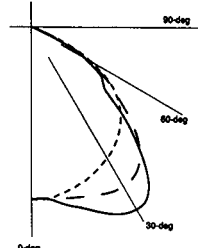
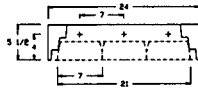
CANDELA DISTRIBUTION	FLUX
0 0.0 22.5 45.0	67.5 90.0
0 2346 2346 2346 2346 2346	225
5 2350 2345 2347 2355 2351	225
15 2262 2296 2400 2511 2543	582
25 2133 2235 2488 2719 2808	1145
35 1969 2131 2457 2691 2772	1501
45 1721 1860 2012 1926 1863	1449
55 1296 1302 1256 1150 1153	1077
65 538 525 486 411 366	458
75 23 30 30 30 30	37
85 0 6 6 6 6	6
90 0 0 0 0 0	0

ZONAL LUMEN SUMMARY	%LAMP	%PIXT
0- 30	2053	31.2
0- 40	3554	54.0
0- 60	6080	92.4
0- 90	6581	100.0
90-180	0	0.0
0-180	6581	100.0

TOTAL LUMINAIRE EFFICIENCY = 69.6 %
TOTAL REFLECTANCE OF PAINT = 92.8 %
CIE TYPE - DIRECT

SPACING CRITERIA : 1.3 1.6
SHIELDING ANGLES : 22 25
LUMINOUS LENGTH : 0-DEG 90-DEG
145.000 21.000

LUMINANCE DATA IN FOOTLAMBERTS	ANGLE AVERAGE AVERAGE
IN DEG 0-DEG 45-DEG 90-DEG	
45 1165. 1362. 1261.	
55 1082. 1048. 962.	
65 610. 550. 415.	
75 42. 56. 56.	
85 0. 30. 35.	



Checked: [Signature]
Approved: [Signature]

MODEL NO. DPB2S18LS33212003

coefficients of utilization — zonal cavity method

RF	20	20	20
RC	80	50	30
RW	70	50	30
1	78	75	73
2	72	68	64
3	67	61	56
4	62	55	50
5	57	49	43
6	52	44	38
7	48	39	34
8	44	35	30
9	41	31	26
10	38	28	23

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	75	69	69	77	77	73	71	78
20	30	78	73	67	67	80	76	72	69
20	40	80	76	71	68	83	79	76	72
20	60	80	76	74	71	84	81	79	75
30	20	80	74	69	76	82	76	71	76
30	30	83	77	68	66	84	79	73	68
30	40	84	80	72	67	86	81	76	70
30	60	84	80	75	70	87	83	79	73
30	80	84	80	75	71	88	84	80	76
40	20	80	77	73	76	82	79	74	76
40	30	84	79	72	67	85	82	75	68
40	40	85	82	75	68	87	84	78	71
40	60	86	82	78	71	88	85	81	73
40	80	86	82	78	72	89	86	82	76
40	100	86	82	78	72	89	86	84	78
60	30	84	79	74	70	85	82	77	70
60	40	86	82	77	70	87	84	80	73
60	60	86	83	80	73	88	86	82	75
60	80	86	84	80	75	89	87	84	77
60	100	86	84	80	75	89	87	84	79
100	40	86	82	77	72	87	84	80	75
100	60	86	83	80	75	88	86	83	77
100	80	86	84	81	77	89	87	84	79
100	100	86	83	81	77	89	87	85	81

ORDERING INFORMATION Explanation of Catalogue Number Example: DPB2S18LS33212003

DP	B	2	S	18	L	S	3	32	120	03	
DEEPCELL PARABOLIC: Pre-anodized Aluminum Louver	BODY STYLE: Surface Box	FIXTURE WIDTH	CEILING TYPE: S=Surface	NUMBER OF CELLS: 18 or 24	LOUVER FINISH*: L= Low-iridescence semi-specular (standard) P= Low-iridescence specular	BALLAST COVER	LAMP QUANTITY: 3=3 Lamp	LAMP/ FIXTURE LENGTH: 32=T8 34=T12 (Nominal 48")	VOLTAGE: 120, 277 347	BALLAST TYPE: 1 or 2 Lamp Mag. T12	OPTIONS: Add appropriate suffix to catalog no.

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 3 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 .75. To prevent glare the VCP shall be not less than 85 either lengthwise or cross wise (at 100fc level) and the average brightness at 65° shall not exceed 610 footlamberts. To control veiling reflections, luminaire output in the 30°-90° zone shall be not less than 69%.

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

CANLITE

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