

DPB2S12LS232

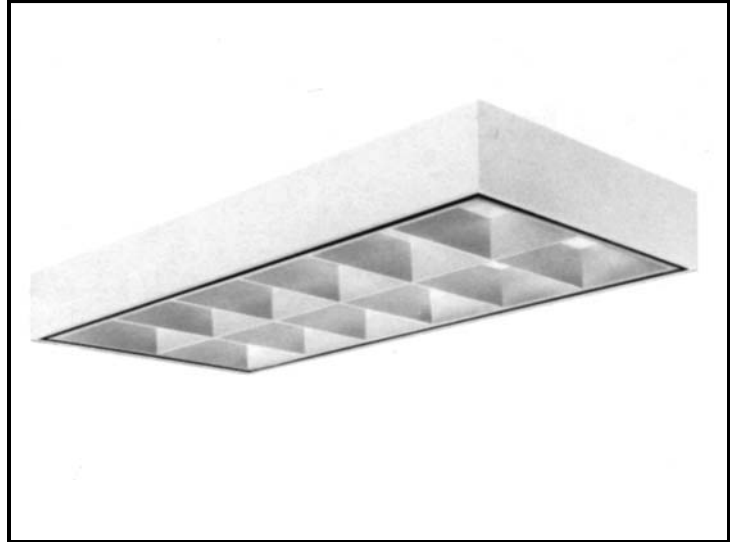
DEEPCELL SURFACE

2' X 4' SURFACE FLUORESCENT

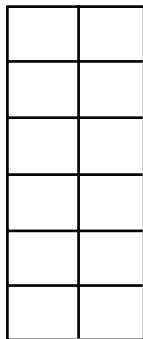
3" TYPE, 12 CELL PARABOLIC LOUVER

2 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 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).

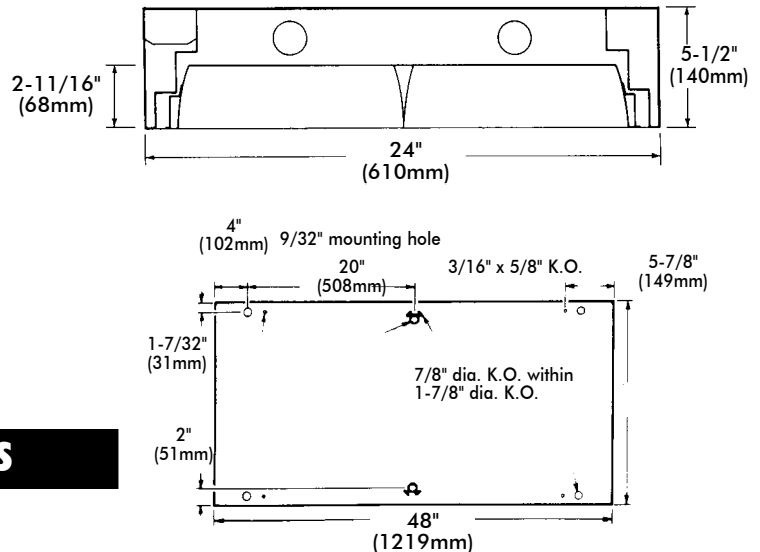


LOUVER CONFIGURATION



12 Cells

DIMENSIONS



MOUNTING METHODS/FEATURES



FIXTURE TYPE

VOLTS

JOB INFORMATION:

DPB2S12LS232

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PHOTOMETRY



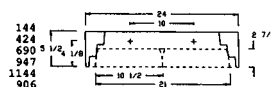
45 Industrial Way
Wilmington, MA 01887
(978) 657-7800

REPORT NO.: G01026 DATE: 06-19-01
CATALOG NO.: DPB2S12LS232120S0
LAMP(S): 2 F32/T8 TL841, EACH RATED 2850 LUMENS.
LUMINAIRE: 2X4 MODULAR WITH 12 CELL LOUVER
0.49 AMPS 58.0 WATTS
TRIAD B2321120

CANDELA DISTRIBUTION

0	0.0	22.5	45.0	67.5	90.0
0	1506	1506	1506	1506	1506
5	1502	1504	1506	1506	1506
15	1432	1445	1498	1545	1561
25	1304	1357	1487	1621	1684
35	1150	1255	1498	1754	1886
45	947	1137	1526	1851	1980
55	689	981	1258	1079	975
65	325	475	384	378	423
75	26	28	36	44	22
85	2	4	4	4	4
90	0	0	0	0	0

FLUX



ZONAL LUMEN SUMMARY

ZONE	LUMENS	%LAMP	%FIXT
0-30	1258	20.0	26.7
0-40	2205	35.0	46.8
0-60	4255	67.5	90.2
0-90	4716	74.9	100.0
90-180	0	0.0	0.0
0-180	4716	74.9	100.0

TOTAL LUMINAIRE EFFICIENCY = 74.9 %
TOTAL REFLECTANCE OF PAINT = 92.8 %
CIE TYPE - DIRECT

PLANE : 0-DEG 90-DEG
SPACING CRITERIA : 1.2 1.9
SHIELDING ANGLES : 21 30
PLANE : 0-DEG 90-DEG
LUMINOUS LENGTH : 45.250 21.000

LUMINANCE DATA IN FOOTLAMBERTS

ANGLE AVERAGE AVERAGE	0-DEG	45-DEG	90-DEG
IN DEG	0-DEG	45-DEG	90-DEG
45	638	1027	1333
55	572	1044	809
65	366	432	476
75	48	66	40
85	13	24	22

LEGEND: 0-deg: ---
30-deg: ---
60-deg: ---
90-deg: ---

Checked: [Signature]
Approved: [Signature]

MODEL NO. DPB2S12LS232120S0

coefficients of utilization — zonal cavity method

RF	20				20				20			
RC	80				50				30			
RW	70	50	30		50	30	10		50	30	10	
1	83	80	78		76	74	72		73	71	70	
2	77	72	68		68	65	62		66	63	61	
3	71	64	59		61	57	54		59	56	53	
4	65	57	51		55	50	46		53	49	46	
5	60	51	45		48	43	39		47	42	39	
6	55	45	39		43	38	34		42	37	34	
7	50	40	34		39	33	29		37	33	29	
8	46	36	29		34	29	25		33	28	25	
9	42	32	25		30	25	21		30	25	21	
10	39	29	23		27	22	18		27	22	18	

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

ORDERING INFORMATION Explanation of Catalogue Number Example: DPB2S12LS232120S0

DP	B	2	S	12	L	S	2	32	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: 2=2 Lamp	LAMP/ FIXTURE LENGTH: 32=T8 34=T12 (nominal 48")	VOLTAGE: 120, 277 347	BALLAST TYPE: 1 or 2 Lamp Mag. T12 1 or 2 Lamp Elect. T8 LOL T8 Dimming	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 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 .80. To prevent glare the average brightness at 65° shall not exceed 476 footcandles. To control veiling reflections, luminaire output in the 30°-90° zone shall be not less than 73%.

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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