

DPB2S16LS26U

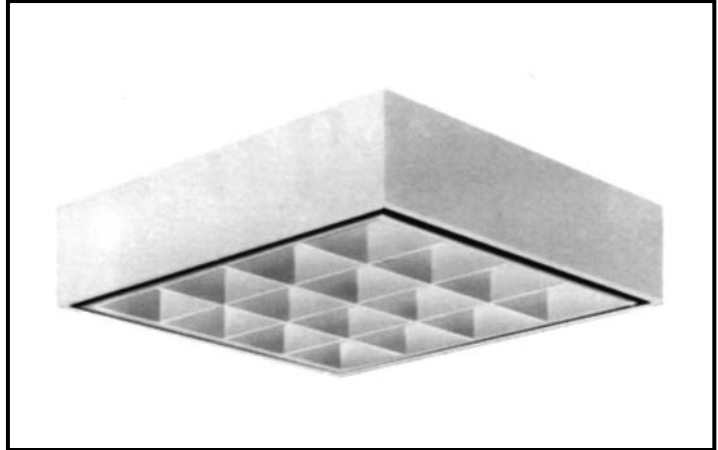
DEEPCELL SURFACE

2' X 2' SURFACE FLUORESCENT

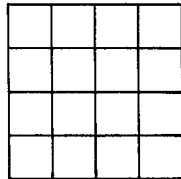
3" TYPE, 16 CELL PARABOLIC LOUVER

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 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).

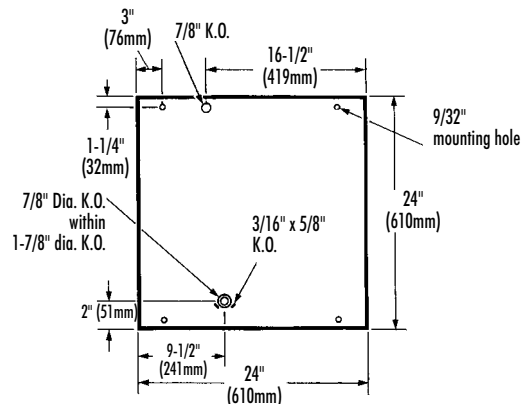
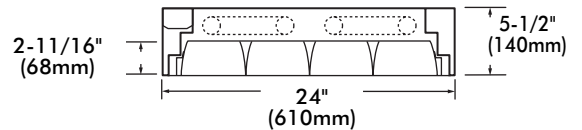


LOUVER CONFIGURATION



16 Cells

DIMENSIONS



MOUNTING METHODS/FEATURES



Stem mounting (four per fixture is required)

FIXTURE TYPE

VOLTS

JOB INFORMATION:

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PHOTOMETRY



45 Industrial Way
Wilmington, MA 01887
(978) 667-7600

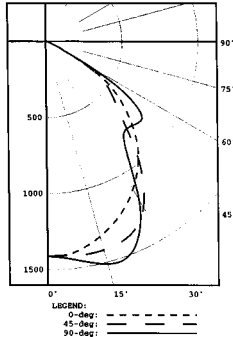
REPORT NO.: G01022 DATE: 05-29-01
CATALOG NO.: DPB2S16LS26U120SO
LAMP(S): 2 T8 U6, EACH RATED 2750 LUMENS.
LUMINAIRE: 2X2 MODULAR WITH 16 CELL SEMI-SPEC LOUVER
TRIAD B2321120
0.47 AMPS 55.7 WATTS

CANDELA DISTRIBUTION										FLUX	
0.0	22.5	45.0	67.5	90.0							
0	1410	1410	1410	1410	1410						
5	1406	1407	1413	1425	1429					135	
15	1326	1351	1417	1487	1512					401	
25	1200	1253	1358	1405	1409					610	
35	1032	1093	1089	959	924					646	
45	802	831	691	702	783					584	
55	512	473	464	587	694					463	
65	84	86	110	95	96					113	
75	20	20	20	21	21					22	
85	5	5	5	5	4					5	
90	0	0	0	0	0						

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0-30	1147	20.9	38.5
0-40	1793	32.6	60.1
0-60	2840	51.6	95.3
0-90	2982	54.2	100.0
90-180	0	0.0	0.0
0-180	2982	54.2	100.0

TOTAL LUMINAIRE EFFICIENCY = 54.2 %
TOTAL REFLECTANCE OF PAINT = 90.0 %
CIE TYPE - DIRECT
PLANE : 0-DEG 90-DEG
SPACING CRITERIA : 1.2 1.2
SHIELDING ANGLES : 35 35
PLANE : 0-DEG 90-DEG
LUMINOUS LENGTH : 21.000 21.000

LUMINANCE DATA IN CANDELA/SQ M
ANGLE AVERAGE AVERAGE
IN DEG 0-DEG 45-DEG 90-DEG
45 3985. 3433. 3891.
55 3136. 2842. 4251.
65 698. 914. 798.
75 271. 271. 285.
85 202. 202. 161.



MODEL NO. DPB2S16LS26U120SO

coefficients of utilization — zonal cavity method

RF	20			20			20		
	80			50			30		
RC	70			50			30		
RW	70	50	30	50	30	10	50	30	10
1	60	58	57	55	54	52	53	52	51
2	56	52	50	50	47	45	48	46	44
3	52	47	44	45	42	40	43	41	39
4	48	43	38	41	37	35	39	37	34
5	45	38	34	37	33	31	36	33	30
6	41	35	31	34	30	27	33	30	27
7	39	32	28	31	27	25	30	27	24
8	36	29	25	28	25	22	28	24	22
9	34	27	23	26	23	20	26	22	20
10	32	25	21	24	21	18	24	21	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	81	74	70	74	80	72	66	74
20	30	82	76	72	70	81	74	69	68
20	40	84	78	75	72	83	76	72	70
20	60	85	80	77	74	84	78	74	72
30	20	84	79	72	73	83	77	69	74
30	30	85	80	74	70	84	78	71	68
30	40	86	81	76	72	85	80	74	70
30	60	86	82	78	74	86	81	76	72
30	80	87	83	79	76	86	82	77	74
40	20	86	81	75	74	85	79	73	75
40	30	87	82	77	71	86	80	75	70
40	40	87	83	79	73	87	82	75	72
40	60	87	84	80	74	87	83	78	73
40	80	88	84	81	76	87	84	78	75
40	100	88	85	82	77	87	84	81	77
60	30	87	83	78	74	86	82	76	73
60	40	88	84	80	75	87	83	78	74
60	60	88	85	81	76	87	84	79	75
60	80	88	85	82	78	87	84	81	77
60	100	88	85	83	79	86	85	82	78
100	40	88	84	81	77	87	83	79	76
100	60	88	85	82	78	88	84	81	77
100	80	88	86	83	79	88	85	82	78
100	100	88	86	84	80	88	85	83	79

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

ORDERING INFORMATION Explanation of Catalogue Number Example: DPB2S16LS26U120SO

DP	B	2	S	16	L	S	2	6U	120	SO	
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: 2=2 Lamp	LAMP/ FIXTURE LENGTH: 6U=6" U Lamp T8 or T12 (nominal 24")	VOLTAGE: 120, 277 347	BALLAST TYPE: 1 or 2 Lamp Mag. T12 LE <20THD† <10THD† SO* RO** 1 or 2 Lamp 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", 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 2 T8 U6 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 .58. To prevent glare the average brightness at 65° shall not exceed 914 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall be not less than 63%.

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

C/NLYTE

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