

# Day-Brite

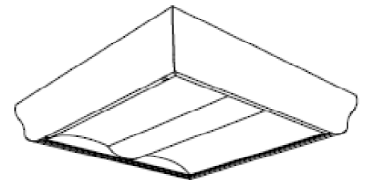
IES INDOOR REPORT  
PHOTOMETRIC FILENAME : 29978D2.IES

## DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 29978  
[TESTDATE] 11/09/2011  
[LUMCAT] 2SST30L840-2-WO  
[LUMINAIRE] PHILIPS DAY-BRITE 2X2 SURFACE SOFTRACE LED  
[MORE] W/ LOUVERED DOOR  
[LAMP] 38WLED  
[BALLAST] LED DRIVER  
[MANUFAC] PHILIPS DAY-BRITE  
[TESTLAB] PHILIPS DAY-BRITE PHOTOMETRIC LABORATORY, TUPELO, MS  
[MORE] NVLAP LABORATORY CODE 200016-0  
[ISSUE DATE] 11/10/2011  
[\_TEST\_LEVEL]  
[\_TIFF\_FILE\_NAME]  
[\_VERSION] fo2ies 3.0e (2011-02)(90)  
[\_LM79] Absolute Photometry tested in accordance with IES procedure LM79-08  
[\_TEST\_DISTANCE] 30 ft.  
[\_SHIELDING\_ANGLE] Normal 90, Parallel 90  
[OTHER] TOTAL LUMEN OUTPUT = 2888 LUMENS

## CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2888
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	74
Total Luminaire Watts	39
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.16
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.88 ft
Luminous Width (90-270)	1.86 ft
Luminous Height	0.00 ft



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 29978D2.IES**

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2558	2997	3480
55	2199	2697	3255
65	1841	2314	2824
75	1509	1806	2199
85	988	1094	1129

**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : 29978D2.IES**

**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
<b>0.0</b>	1108	1108	1108	1108	1108
<b>2.5</b>	1108	1103	1104	1107	1111
<b>5.0</b>	1101	1097	1098	1103	1109
<b>7.5</b>	1088	1085	1089	1097	1105
<b>10.0</b>	1070	1070	1077	1090	1100
<b>12.5</b>	1051	1051	1063	1080	1092
<b>15.0</b>	1029	1031	1047	1068	1081
<b>17.5</b>	1002	1009	1029	1053	1071
<b>20.0</b>	975	986	1011	1038	1056
<b>22.5</b>	947	958	986	1021	1043
<b>25.0</b>	917	928	963	1003	1025
<b>27.5</b>	879	896	936	981	1007
<b>30.0</b>	843	866	907	958	985
<b>32.5</b>	805	828	875	932	961
<b>35.0</b>	767	791	846	904	936
<b>37.5</b>	725	753	812	873	909
<b>40.0</b>	681	711	773	840	874
<b>42.5</b>	633	669	735	804	839
<b>45.0</b>	588	623	689	763	800
<b>47.5</b>	543	582	648	721	757
<b>50.0</b>	498	532	604	673	710
<b>52.5</b>	452	492	557	626	662
<b>55.0</b>	410	443	503	574	607
<b>57.5</b>	370	402	457	521	555
<b>60.0</b>	329	360	408	469	506
<b>62.5</b>	291	318	361	419	448
<b>65.0</b>	253	277	318	368	388
<b>67.5</b>	219	240	277	316	339
<b>70.0</b>	189	206	235	263	286
<b>72.5</b>	156	173	194	214	233
<b>75.0</b>	127	138	152	169	185
<b>77.5</b>	97	108	117	127	135
<b>80.0</b>	74	79	85	91	92
<b>82.5</b>	52	53	56	53	56
<b>85.0</b>	28	30	31	31	32
<b>87.5</b>	15	18	17	18	16
<b>90.0</b>	9	10	10	8	10

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 29978D2.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	400.72	N.A.	13.90
0-30	845.68	N.A.	29.30
0-40	1375.61	N.A.	47.60
0-60	2364.28	N.A.	81.90
0-80	2847.93	N.A.	98.60
0-90	2888.35	N.A.	100.00
10-90	2783.93	N.A.	96.40
20-40	974.89	N.A.	33.80
20-50	1508.95	N.A.	52.20
40-70	1307.73	N.A.	45.30
60-80	483.65	N.A.	16.70
70-80	164.59	N.A.	5.70
80-90	40.42	N.A.	1.40
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2888.35	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	104.42
10-20	296.30
20-30	444.96
30-40	529.92
40-50	534.06
50-60	454.61
60-70	319.06
70-80	164.59
80-90	40.42
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

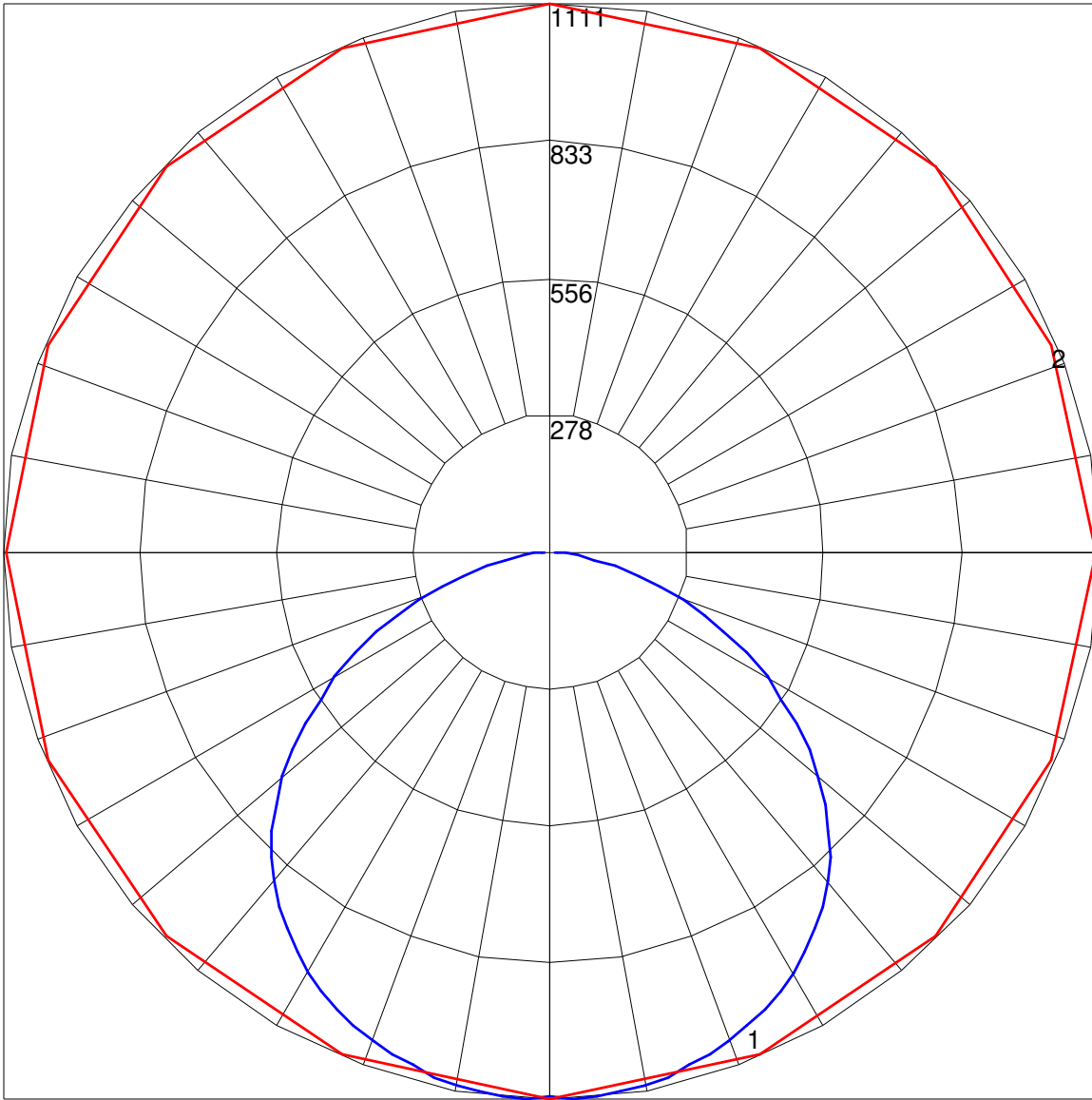
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 29978D2.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	102	99	95	98	95	92	94	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	73	71
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	62	48	40	34	60	47	39	34	46	39	34	45	38	33	44	38	33	31
9	57	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26

POLAR GRAPH



Maximum Candela = 1111 Located At Horizontal Angle = 90, Vertical Angle = 2.5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)