

Day-Brite

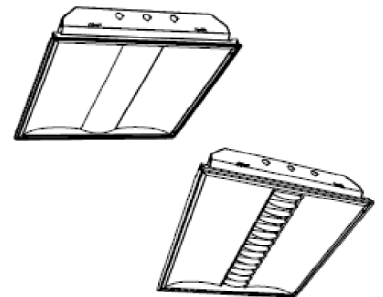
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 29978.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 29978
[TESTDATE] 11/09/2011
[LUMCAT] 2STG30L840-2-WO
[LUMINAIRE] PHILIPS DAY-BRITE 2X2 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



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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

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CANDELA TABULATION

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

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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

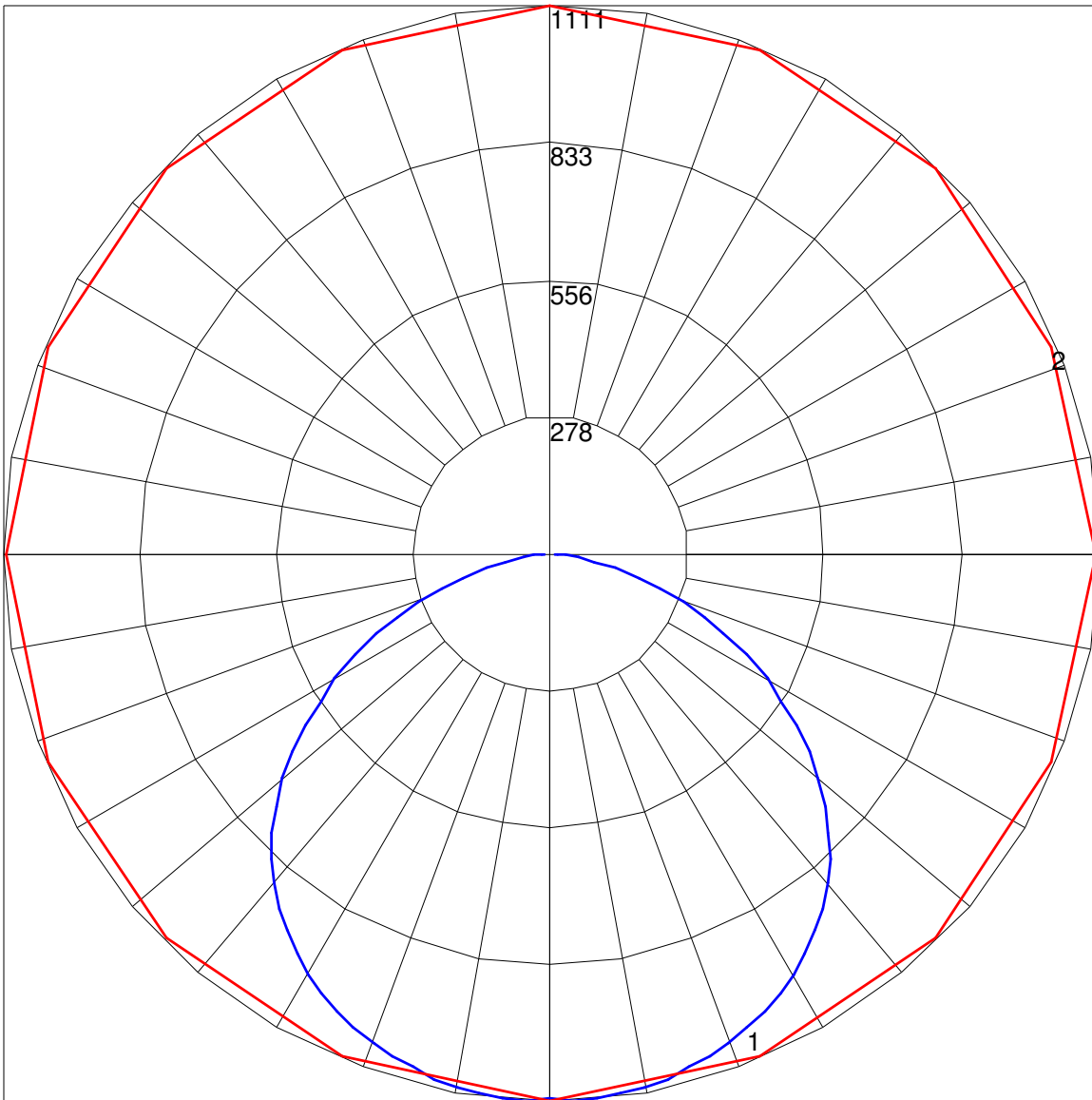
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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.)