

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WW75F-SSA.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TESTLAB] GLLED
[ISSUE DATE] November 19, 2025
[TEST DATE] November 19, 2025
[TEST] 1
[MANUFAC] GARDEN LIGHT LED
[LUMINAIRE] WW75F-SSA-30K
[LAMP] XTE-CREE
[LAMPCAT] WALL WASHER

CHARACTERISTICS

Lumens Per Lamp	329.999 (3 lamps)
Total Lamp Lumens	989.9969
Luminaire Lumens	727
Total Luminaire Efficiency	73 %
Luminaire Efficacy Rating (LER)	52
Total Luminaire Watts	14.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.30
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.00 ft
Luminous Height	0.00 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WW75F-SSA.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>
0	312.46	312.46	312.46	312.46	312.46	312.46	312.46	312.46	312.46
5	311.10	307.74	313.29	318.82	319.89	307.47	311.96	317.24	321.46
10	311.78	313.80	313.53	319.66	315.21	313.83	313.65	316.70	313.14
15	313.40	304.90	306.75	309.60	309.16	307.80	307.05	311.03	299.98
20	300.10	302.20	304.00	299.93	301.72	302.24	304.67	302.55	300.31
25	304.36	297.36	291.25	297.73	297.81	292.25	292.98	296.41	299.61
30	318.09	307.29	287.36	288.05	287.44	290.62	285.62	301.12	317.08
35	214.42	269.94	281.37	266.98	255.40	266.76	279.97	261.65	199.01
40	93.06	122.80	238.06	229.96	230.47	231.29	231.48	122.20	95.12
45	80.08	71.43	143.03	213.46	215.49	211.40	138.56	73.88	80.13
50	135.09	104.42	75.36	197.48	201.19	194.64	74.47	104.88	134.09
55	151.30	133.62	66.79	140.75	167.41	137.68	67.07	128.18	143.83
60	144.61	124.10	76.45	90.58	134.33	91.39	75.12	107.92	106.60
65	70.95	81.57	71.59	57.27	100.15	57.40	63.60	45.31	38.71
70	29.53	32.37	43.11	35.28	60.20	33.67	28.24	21.00	19.50
75	13.79	15.68	16.24	18.79	32.61	15.82	9.64	8.86	6.92
80	6.35	7.90	6.80	7.52	9.64	4.77	2.36	0.80	0.31
85	1.65	2.30	2.27	2.09	1.97	0.73	0.07	0.00	0.00
90	0.36	0.38	0.29	0.39	0.17	0.05	0.00	0.00	0.00
95	0.06	0.04	0.02	0.03	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
110	0.00	0.00	0.00	0.01	0.02	0.03	0.02	0.00	0.00
115	0.00	0.00	0.00	0.02	0.06	0.06	0.04	0.02	0.00
120	0.00	0.00	0.01	0.05	0.10	0.12	0.08	0.02	0.00
125	0.00	0.00	0.05	0.10	0.14	0.19	0.14	0.06	0.04
130	0.00	0.01	0.07	0.14	0.22	0.24	0.20	0.10	0.06
135	0.02	0.03	0.06	0.19	0.25	0.26	0.20	0.16	0.13
140	0.03	0.05	0.15	0.21	0.23	0.28	0.23	0.20	0.13
145	0.08	0.12	0.10	0.21	0.22	0.22	0.25	0.22	0.21
150	0.06	0.07	0.15	0.18	0.23	0.18	0.17	0.22	0.23
155	0.08	0.11	0.11	0.18	0.16	0.20	0.17	0.24	0.16
160	0.07	0.12	0.12	0.11	0.11	0.13	0.13	0.16	0.07
165	0.13	0.11	0.10	0.11	0.08	0.08	0.08	0.13	0.15
170	0.03	0.09	0.12	0.20	0.27	0.14	0.11	0.24	0.00
175	0.00	0.05	0.00	0.01	0.06	0.18	0.06	0.03	0.00
180	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WW75F-SSA.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	117.21	11.80	16.10
0-30	254.81	25.70	35.10
0-40	411.65	41.60	56.60
0-60	638.22	64.50	87.80
0-80	724.10	73.10	99.60
0-90	726.32	73.40	99.90
10-90	696.33	70.30	95.80
20-40	294.44	29.70	40.50
20-50	412.16	41.60	56.70
40-70	293.46	29.60	40.40
60-80	85.88	8.70	11.80
70-80	19.00	1.90	2.60
80-90	2.21	0.20	0.30
90-110	0.06	0.00	0.00
90-120	0.09	0.00	0.00
90-130	0.17	0.00	0.00
90-150	0.40	0.00	0.10
90-180	0.51	0.10	0.10
110-180	0.45	0.00	0.10
0-180	726.83	73.40	100.00

Total Luminaire Efficiency = 73.40%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	29.99
10-20	87.22
20-30	137.60
30-40	156.84
40-50	117.72
50-60	108.86
60-70	66.88
70-80	19.00
80-90	2.21
90-100	0.06
100-110	0.01
110-120	0.03
120-130	0.08
130-140	0.12
140-150	0.11
150-160	0.07
160-170	0.03
170-180	0.01

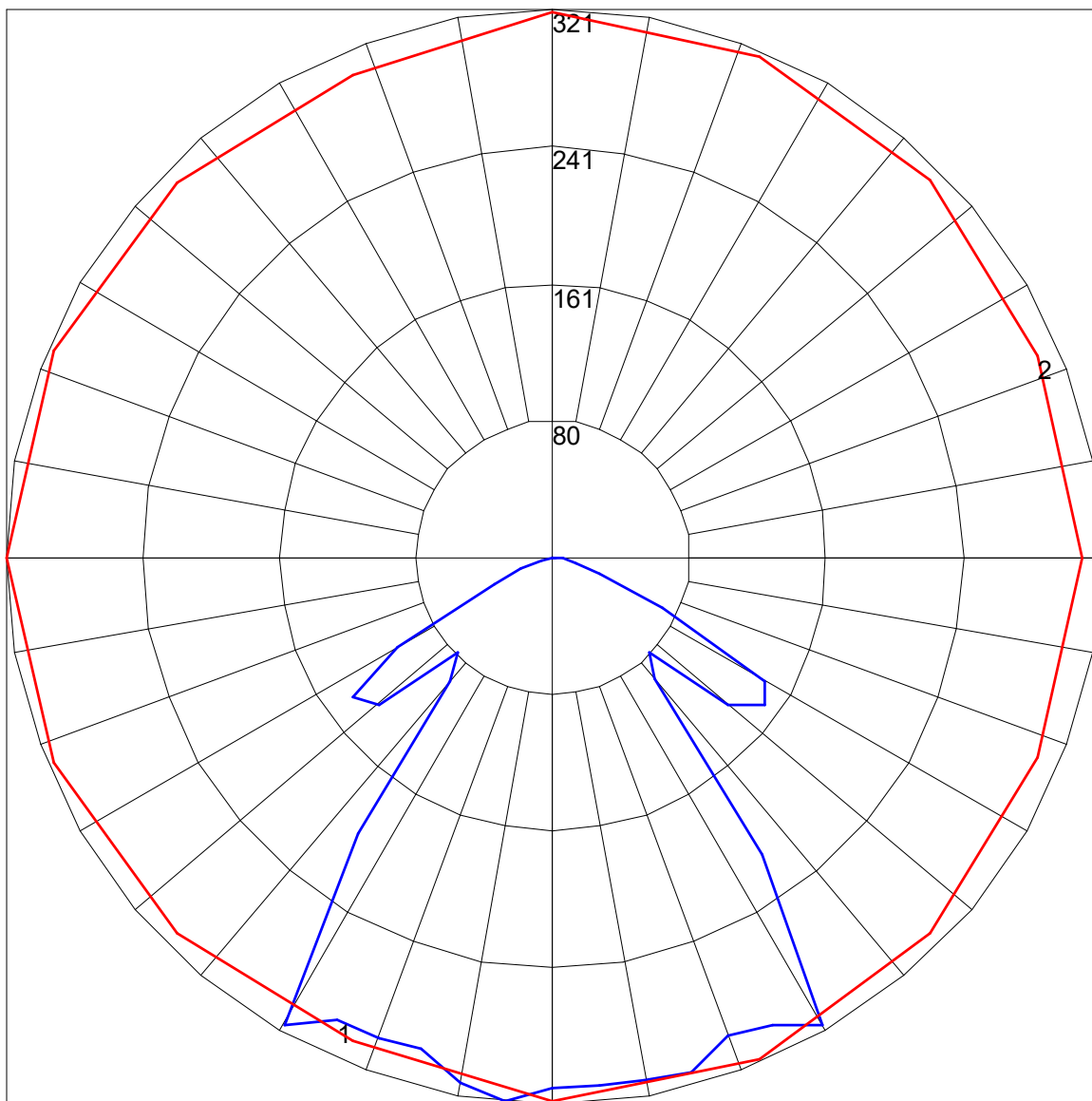
IES INDOOR REPORT
PHOTOMETRIC FILENAME : WW75F-SSA.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	87	87	87	87	85	85	85	85	82	82	82	78	78	78	75	75	75	73
1	81	78	76	73	79	77	74	72	74	72	70	71	69	68	68	67	66	64
2	75	70	65	62	73	68	64	61	66	62	59	63	60	58	61	59	57	55
3	69	62	57	52	67	61	56	52	59	54	51	57	53	50	55	52	49	48
4	63	55	50	45	62	55	49	45	53	48	44	51	47	44	50	46	43	42
5	59	50	44	40	57	49	44	39	48	43	39	46	42	38	45	41	38	37
6	54	45	39	35	53	45	39	35	43	38	34	42	38	34	41	37	34	32
7	51	41	35	31	49	41	35	31	40	35	31	39	34	31	38	34	30	29
8	47	38	32	28	46	37	32	28	37	31	28	36	31	28	35	31	27	26
9	44	35	29	25	43	35	29	25	34	29	25	33	28	25	32	28	25	24
10	42	32	27	23	41	32	27	23	31	26	23	31	26	23	30	26	23	22

POLAR GRAPH



Maximum Candela = 321.46 Located At Horizontal Angle = 180, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)