

FLEXINTIAL STARCLEAN UTILITY SCU24-TL004



IES INDOOR REPORT

PHOTOMETRIC FILENAME : SCUG24-HCIP-L140-LCU-UN-VWN.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 11710269.07
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 4/20/2017
[MANUFAC] New Star Lighting
[LUMCAT] SCUG24-HC/IP-L140-LCU-UN-VWN
[LUMINAIRE] White formed steel housing, clear patterned plastic lens e
[MORE] nclosure
[LAMP] 352 white LEDs
[BALLAST]
[OTHER]
[MORE] Hz
[OTHER] This test was performed using the calibrated photodetector met
[MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	14487
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	123.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.32
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.63 ft
Luminous Width (90-270)	1.60 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	8869	8805	8432
55	8446	8405	7914
65	7832	7816	7283
75	6591	6558	6136
85	4027	3844	3793

Notes:

This product is Made in America and complies with the Buy American Act requirements. Specifications and Dimensions are subject to change without notice.
For additional options and dimensional details please consult your New Star Lighting Representative.

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	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	5528.000	5528.000	5528.000	5528.000	5528.000
0.5	5580.294	5531.486	5510.569	5512.893	5524.514
1.0	5577.969	5529.162	5508.245	5510.569	5522.190
1.5	5575.645	5526.838	5505.921	5508.245	5519.866
2.0	5572.159	5522.190	5502.434	5505.921	5516.379
2.5	5568.673	5517.541	5497.786	5502.434	5512.893
3.0	5562.862	5512.893	5494.300	5496.624	5507.083
3.5	5557.052	5508.245	5489.652	5490.814	5502.434
4.0	5551.242	5501.272	5485.003	5486.165	5496.624
4.5	5544.269	5495.462	5478.031	5479.193	5488.489
5.0	5536.135	5487.327	5469.896	5471.058	5480.355
5.5	5525.676	5479.193	5461.762	5460.600	5469.896
6.0	5515.217	5469.896	5452.465	5451.303	5459.438
6.5	5505.921	5459.438	5442.006	5439.682	5447.817
7.0	5495.462	5448.979	5430.386	5428.061	5436.196
7.5	5482.679	5437.358	5418.765	5416.441	5424.575
8.0	5471.058	5424.575	5405.982	5404.820	5411.792
8.5	5458.275	5411.792	5393.199	5390.875	5396.685
9.0	5443.168	5399.010	5381.578	5378.092	5381.578
9.5	5429.224	5386.227	5368.796	5364.147	5366.471
10.0	5414.117	5371.120	5356.013	5349.040	5352.526
10.5	5399.010	5356.013	5342.068	5333.933	5338.582
11.0	5386.227	5340.906	5326.961	5318.826	5322.312
11.5	5371.120	5325.799	5310.692	5303.719	5306.043
12.0	5354.851	5309.530	5294.423	5288.612	5288.612
12.5	5339.744	5294.423	5278.154	5271.181	5268.857
13.0	5321.150	5278.154	5260.722	5253.750	5249.102
13.5	5301.395	5261.884	5243.291	5233.995	5229.346
14.0	5283.964	5244.453	5227.022	5215.401	5210.753
14.5	5265.371	5225.860	5208.429	5195.646	5188.674
15.0	5245.615	5208.429	5189.836	5175.891	5167.756
15.5	5227.022	5189.836	5172.405	5154.973	5146.839
16.0	5208.429	5171.242	5153.811	5134.056	5125.921
16.5	5189.836	5152.649	5135.218	5113.139	5103.842
17.0	5170.080	5132.894	5114.301	5091.059	5080.600
17.5	5150.325	5113.139	5094.545	5067.818	5056.197
18.0	5128.246	5092.221	5073.628	5045.738	5030.631
18.5	5107.328	5072.466	5052.711	5021.335	5003.903
19.0	5085.249	5051.549	5030.631	4995.769	4978.338
19.5	5064.331	5029.469	5008.552	4971.365	4953.934
20.0	5041.090	5008.552	4986.472	4945.799	4929.530
20.5	5020.172	4986.472	4964.393	4921.396	4906.289
21.0	4996.931	4963.231	4941.151	4896.992	4880.723
21.5	4974.851	4939.989	4919.072	4871.427	4855.157
22.0	4950.448	4916.748	4896.992	4848.185	4827.268
22.5	4924.882	4892.344	4873.751	4822.619	4798.216
23.0	4899.316	4867.940	4850.509	4794.729	4770.326
23.5	4876.075	4843.537	4824.943	4768.002	4743.598
24.0	4850.509	4817.971	4798.216	4741.274	4715.708
24.5	4824.943	4791.243	4772.650	4713.384	4687.818
25.0	4798.216	4765.678	4745.922	4684.332	4659.929
25.5	4768.002	4737.788	4719.194	4656.442	4632.039
26.0	4737.788	4709.898	4691.305	4627.390	4601.825
26.5	4706.412	4682.008	4663.415	4598.338	4571.611

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CANDELA TABULATION - (Cont.)

27.0	4677.360	4652.956	4635.525	4569.287	4541.397
27.5	4647.146	4623.904	4607.635	4537.910	4508.859
28.0	4615.770	4593.690	4579.745	4506.534	4477.482
28.5	4583.231	4562.314	4548.369	4473.996	4444.944
29.0	4549.531	4530.938	4518.155	4440.296	4412.406
29.5	4515.831	4499.562	4487.941	4406.596	4378.706
30.0	4483.293	4467.024	4455.403	4371.733	4343.844
30.5	4448.431	4434.486	4424.027	4336.871	4308.981
31.0	4414.730	4399.623	4391.489	4302.009	4272.957
31.5	4382.192	4364.761	4357.789	4267.147	4235.770
32.0	4347.330	4331.061	4324.088	4232.284	4197.422
32.5	4312.468	4295.036	4289.226	4196.260	4160.235
33.0	4277.605	4259.012	4254.364	4160.235	4123.049
33.5	4241.581	4224.150	4219.501	4123.049	4088.187
34.0	4205.556	4189.287	4184.639	4084.700	4049.838
34.5	4169.532	4153.263	4148.615	4046.352	4011.490
35.0	4133.508	4118.401	4111.428	4009.165	3973.141
35.5	4096.321	4081.214	4074.242	3971.979	3933.630
36.0	4057.973	4045.190	4037.055	3934.793	3895.282
36.5	4020.786	4008.003	3999.869	3897.606	3856.933
37.0	3983.600	3970.817	3962.682	3859.258	3819.747
37.5	3946.413	3933.630	3925.496	3822.071	3783.723
38.0	3908.065	3897.606	3888.309	3783.723	3748.860
38.5	3872.040	3861.582	3851.123	3746.536	3711.674
39.0	3834.854	3824.395	3812.774	3710.512	3673.325
39.5	3797.667	3786.047	3775.588	3673.325	3633.815
40.0	3760.481	3748.860	3737.239	3637.301	3595.466
40.5	3722.132	3710.512	3700.053	3601.276	3558.280
41.0	3686.108	3672.163	3664.029	3565.252	3521.093
41.5	3648.922	3634.977	3626.842	3528.066	3483.907
42.0	3610.573	3597.790	3590.818	3490.879	3447.882
42.5	3574.549	3560.604	3553.631	3454.855	3411.858
43.0	3538.524	3523.417	3516.445	3418.830	3373.509
43.5	3501.338	3486.231	3478.096	3381.644	3336.323
44.0	3465.313	3450.206	3439.748	3344.457	3297.974
44.5	3428.127	3414.182	3403.723	3308.433	3260.788
45.0	3390.941	3376.996	3366.537	3272.409	3223.601
45.5	3352.592	3340.971	3330.513	3235.222	3186.415
46.0	3315.406	3304.947	3294.488	3198.036	3149.229
46.5	3277.057	3268.922	3257.302	3160.849	3112.042
47.0	3238.708	3231.736	3220.115	3122.501	3073.694
47.5	3199.198	3195.712	3182.929	3086.476	3033.021
48.0	3160.849	3158.525	3144.580	3049.290	2995.834
48.5	3121.339	3121.339	3107.394	3012.103	2957.486
49.0	3082.990	3082.990	3069.045	2974.917	2920.299
49.5	3043.480	3045.804	3031.859	2936.568	2883.113
50.0	3005.131	3007.455	2994.672	2899.382	2845.926
50.5	2965.620	2969.107	2956.324	2859.871	2807.578
51.0	2927.272	2929.596	2917.975	2821.523	2769.229
51.5	2888.923	2891.247	2879.627	2783.174	2730.881
52.0	2851.737	2852.899	2840.116	2744.826	2691.370
52.5	2813.388	2813.388	2801.768	2705.315	2651.860
53.0	2775.040	2773.878	2763.419	2666.967	2613.511
53.5	2736.691	2734.367	2725.070	2628.618	2574.000
54.0	2698.343	2694.856	2684.398	2589.107	2534.490
54.5	2658.832	2655.346	2646.049	2550.759	2493.817

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27.0	4677.360	4652.956	4635.525	4569.287	4541.397
27.5	4647.146	4623.904	4607.635	4537.910	4508.859
28.0	4615.770	4593.690	4579.745	4506.534	4477.482
28.5	4583.231	4562.314	4548.369	4473.996	4444.944
29.0	4549.531	4530.938	4518.155	4440.296	4412.406
29.5	4515.831	4499.562	4487.941	4406.596	4378.706
30.0	4483.293	4467.024	4455.403	4371.733	4343.844
30.5	4448.431	4434.486	4424.027	4336.871	4308.981
31.0	4414.730	4399.623	4391.489	4302.009	4272.957
31.5	4382.192	4364.761	4357.789	4267.147	4235.770
32.0	4347.330	4331.061	4324.088	4232.284	4197.422
32.5	4312.468	4295.036	4289.226	4196.260	4160.235
33.0	4277.605	4259.012	4254.364	4160.235	4123.049
33.5	4241.581	4224.150	4219.501	4123.049	4088.187
34.0	4205.556	4189.287	4184.639	4084.700	4049.838
34.5	4169.532	4153.263	4148.615	4046.352	4011.490
35.0	4133.508	4118.401	4111.428	4009.165	3973.141
35.5	4096.321	4081.214	4074.242	3971.979	3933.630
36.0	4057.973	4045.190	4037.055	3934.793	3895.282
36.5	4020.786	4008.003	3999.869	3897.606	3856.933
37.0	3983.600	3970.817	3962.682	3859.258	3819.747
37.5	3946.413	3933.630	3925.496	3822.071	3783.723
38.0	3908.065	3897.606	3888.309	3783.723	3748.860
38.5	3872.040	3861.582	3851.123	3746.536	3711.674
39.0	3834.854	3824.395	3812.774	3710.512	3673.325
39.5	3797.667	3786.047	3775.588	3673.325	3633.815
40.0	3760.481	3748.860	3737.239	3637.301	3595.466
40.5	3722.132	3710.512	3700.053	3601.276	3558.280
41.0	3686.108	3672.163	3664.029	3565.252	3521.093
41.5	3648.922	3634.977	3626.842	3528.066	3483.907
42.0	3610.573	3597.790	3590.818	3490.879	3447.882
42.5	3574.549	3560.604	3553.631	3454.855	3411.858
43.0	3538.524	3523.417	3516.445	3418.830	3373.509
43.5	3501.338	3486.231	3478.096	3381.644	3336.323
44.0	3465.313	3450.206	3439.748	3344.457	3297.974
44.5	3428.127	3414.182	3403.723	3308.433	3260.788
45.0	3390.941	3376.996	3366.537	3272.409	3223.601
45.5	3352.592	3340.971	3330.513	3235.222	3186.415
46.0	3315.406	3304.947	3294.488	3198.036	3149.229
46.5	3277.057	3268.922	3257.302	3160.849	3112.042
47.0	3238.708	3231.736	3220.115	3122.501	3073.694
47.5	3199.198	3195.712	3182.929	3086.476	3033.021
48.0	3160.849	3158.525	3144.580	3049.290	2995.834
48.5	3121.339	3121.339	3107.394	3012.103	2957.486
49.0	3082.990	3082.990	3069.045	2974.917	2920.299
49.5	3043.480	3045.804	3031.859	2936.568	2883.113
50.0	3005.131	3007.455	2994.672	2899.382	2845.926
50.5	2965.620	2969.107	2956.324	2859.871	2807.578
51.0	2927.272	2929.596	2917.975	2821.523	2769.229
51.5	2888.923	2891.247	2879.627	2783.174	2730.881
52.0	2851.737	2852.899	2840.116	2744.826	2691.370
52.5	2813.388	2813.388	2801.768	2705.315	2651.860
53.0	2775.040	2773.878	2763.419	2666.967	2613.511
53.5	2736.691	2734.367	2725.070	2628.618	2574.000
54.0	2698.343	2694.856	2684.398	2589.107	2534.490
54.5	2658.832	2655.346	2646.049	2550.759	2493.817

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83.0	307.486	306.556	297.143	288.544	287.614
83.5	276.109	275.528	265.999	258.446	258.678
84.0	245.895	245.547	236.250	229.743	230.788
84.5	217.192	217.192	207.896	202.318	204.061
85.0	189.767	190.000	181.168	176.752	178.727
85.5	163.737	164.550	156.067	153.162	155.370
86.0	139.449	140.728	132.825	130.966	133.290
86.5	116.324	118.299	111.211	110.165	112.024
87.0	94.593	97.498	91.339	90.874	92.850
87.5	73.792	78.208	72.978	73.327	75.070
88.0	54.501	60.312	56.477	57.523	59.382
88.5	36.838	44.856	42.648	44.391	46.367
89.0	21.034	32.306	31.376	33.816	35.560
89.5	8.599	22.079	22.544	25.682	27.774
90.0	0.000	0.000	0.000	0.000	0.000
90.5	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

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111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

FLEXINTIAL STARCLEAN UTILITY

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139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000

FLEXINTIAL STARCLEAN UTILITY

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167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

FLEXINTIAL STARCLEAN UTILITY

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1984.42	N.A.	13.70
0-30	4162.21	N.A.	28.70
0-40	6709.36	N.A.	46.30
0-60	11573.78	N.A.	79.90
0-80	14261.06	N.A.	98.40
0-90	14487.49	N.A.	100.00
10-90	13967.91	N.A.	96.40
20-40	4724.94	N.A.	32.60
20-50	7295.55	N.A.	50.40
40-70	6595.8	N.A.	45.50
60-80	2687.27	N.A.	18.50
70-80	955.89	N.A.	6.60
80-90	226.43	N.A.	1.60
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	14487.49	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	519.58
10-20	1464.84
20-30	2177.79
30-40	2547.15
40-50	2570.61
50-60	2293.81
60-70	1731.38
70-80	955.89
80-90	226.43
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

FLEXINTIAL STARCLEAN UTILITY

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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

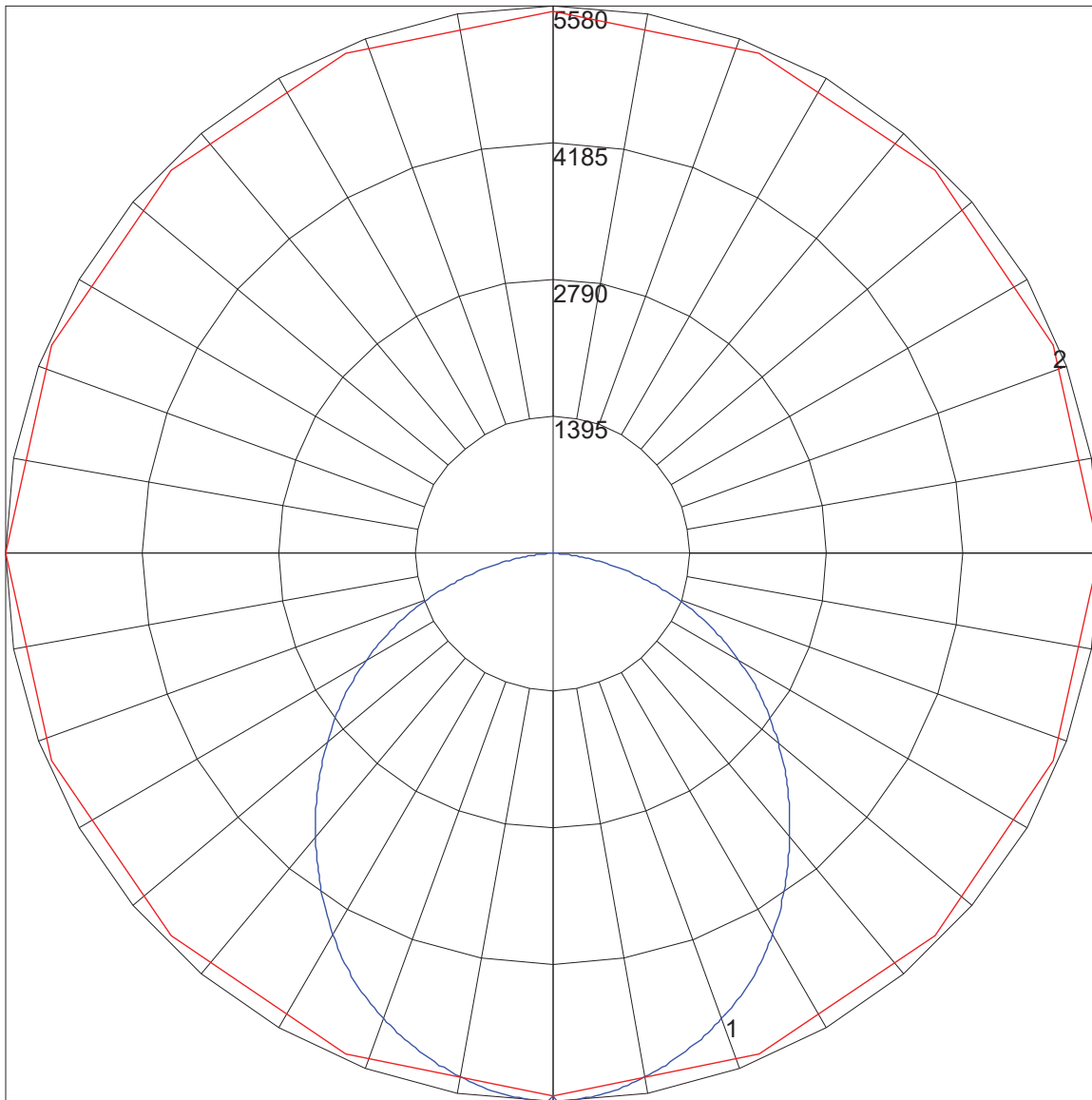
Effective Floor Cavity Reflectance 0.20

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	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	84	79	97	89	83	78	86	80	76	82	78	74	79	76	73	70
3	91	80	72	66	88	79	71	65	76	69	64	73	67	63	70	66	62	59
4	83	71	62	56	81	70	62	55	67	60	55	65	59	54	63	57	53	51
5	76	64	55	48	74	62	54	48	60	53	47	58	52	47	57	51	46	44
6	71	57	48	42	69	56	48	42	55	47	41	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	33	59	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	35	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

FLEXINTIAL STARCLEAN UTILITY SCU24-TL004

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SCUG24-HCIP-L140-LCU-UN-VWN.IES

POLAR GRAPH



Maximum Candela = 5580.294 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)