



The Perfect Lighting Choice.™

visit us at www.JDG.com

IES INDOOR REPORT

PHOTOMETRIC FILENAME : FAB WHTE 1 LIGHT.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] LLI-18097-3

[TESTLAB] LightLab International (www.LightLabInternational.com)

[MANUFAC] Justice Design Group, Los Angeles, CA 90071

[LUMCAT] Textile Woven Fabric (FAB) 1-Light Wall Sconce

[LUMINAIRE] Justice Design Group - Wall mount bathroom luminaire. Product ID: FAB 1-Light

[MORE] Steel formed housing and woven fabric lens.

[MORE] 10 LEDs mounted in circular array with white plastic dome lens.

[MORE] No driver.

[MORE] Operating at 120 VAC and 60 Hz.

[OTHER] Absolute test - lamp lumens value set to -1

[MORE] NA conventions used for C0 plane alignment and C-plane rotation direction.

[MORE] The sample was tested at a distance of 8m.

[MORE] This IES file created by LightLab/LSA Report program version 3.820a.

[DATE] This file created: Wednesday, April 18, 2018 12:43:45 PM

[ISSUEDATE] Wednesday, April 18, 2018 12:43:45 PM

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	415
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	56
Total Luminaire Watts	7.48
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.56
Spacing Criterion (90-270)	1.74
Spacing Criterion (Diagonal)	1.54
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.08 m
Luminous Width (90-270)	0.17 m
Luminous Height	0.14 m

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FAB WHITE 1 LIGHT.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2222	2122	3659
55	1874	1640	2375
65	1676	1393	1775
75	1556	1234	1547
85	1498	1142	1388

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FAB WHITE 1 LIGHT.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>
0.0	65.070	65.070	65.070	65.070	65.070	65.070	65.070	65.070	65.070
0.5	64.440	64.627	64.875	64.905	65.115	65.377	65.580	65.595	65.603
1.0	64.605	64.823	64.927	64.972	65.198	65.618	65.940	66.067	66.165
1.5	65.123	65.250	65.250	65.138	65.415	65.963	66.435	66.735	66.855
2.0	65.700	65.752	65.715	65.392	65.670	66.338	67.013	67.478	67.627
2.5	66.405	66.450	66.255	65.775	65.993	66.787	67.665	68.295	68.468
3.0	67.245	67.103	66.855	66.225	66.323	67.252	68.400	69.105	69.338
3.5	68.093	67.890	67.522	66.683	66.705	67.733	69.082	69.953	70.320
4.0	68.970	68.760	68.145	67.192	67.088	68.295	69.840	70.815	71.175
4.5	69.855	69.547	68.865	67.672	67.500	68.858	70.575	71.715	72.135
5.0	70.688	70.448	69.563	68.190	67.890	69.412	71.265	72.540	73.043
5.5	71.528	71.235	70.260	68.767	68.317	69.968	72.022	73.455	73.942
6.0	72.495	72.105	70.972	69.323	68.745	70.567	72.817	74.362	74.993
6.5	73.365	72.945	71.737	69.862	69.142	71.138	73.560	75.240	75.825
7.0	74.235	73.755	72.457	70.440	69.600	71.715	74.355	76.155	76.785
7.5	75.097	74.662	73.192	71.010	70.050	72.315	75.150	77.047	77.715
8.0	75.915	75.495	73.950	71.558	70.500	72.907	75.900	77.918	78.608
8.5	76.755	76.358	74.677	72.135	70.912	73.507	76.688	78.787	79.500
9.0	77.700	77.160	75.420	72.713	71.392	74.100	77.498	79.627	80.392
9.5	78.585	77.993	76.177	73.275	71.880	74.707	78.195	80.445	81.285
10.0	79.433	78.862	76.897	73.860	72.300	75.270	78.945	81.353	82.162
10.5	80.272	79.778	77.655	74.468	72.750	75.877	79.725	82.185	83.047
11.0	81.233	80.565	78.382	75.045	73.200	76.478	80.445	83.017	83.925
11.5	82.132	81.405	79.095	75.675	73.657	77.078	81.203	83.820	84.743
12.0	82.965	82.267	79.853	76.252	74.115	77.677	81.938	84.683	85.590
12.5	83.647	83.040	80.640	76.815	74.558	78.300	82.657	85.433	86.422
13.0	84.127	83.797	81.338	77.400	74.985	78.877	83.385	86.257	87.165
13.5	84.427	84.397	82.110	77.970	75.450	79.485	84.090	87.015	87.787
14.0	84.525	84.780	82.800	78.495	75.900	80.047	84.780	87.705	88.200
14.5	84.757	85.095	83.528	79.088	76.297	80.625	85.463	88.267	88.425
15.0	84.930	85.297	84.210	79.657	76.793	81.195	86.183	88.672	88.522
15.5	85.103	85.455	84.862	80.235	77.243	81.735	86.835	88.830	88.493
16.0	85.162	85.657	85.418	80.805	77.625	82.313	87.487	88.927	88.448
16.5	85.237	85.680	85.920	81.338	78.037	82.868	88.155	88.912	88.343
17.0	85.245	85.733	86.355	81.877	78.525	83.385	88.748	88.838	88.185
17.5	85.343	85.845	86.700	82.440	78.915	83.903	89.257	88.755	88.125
18.0	85.290	85.830	86.918	82.957	79.328	84.457	89.715	88.612	87.922
18.5	85.343	85.823	87.105	83.483	79.763	84.960	90.000	88.478	87.720
19.0	85.328	85.860	87.188	84.007	80.183	85.493	90.157	88.328	87.525
19.5	85.215	85.748	87.248	84.540	80.603	85.980	90.218	88.162	87.300
20.0	85.073	85.718	87.270	85.013	81.000	86.513	90.188	87.938	87.120
20.5	84.953	85.650	87.263	85.537	81.442	86.993	90.105	87.743	86.858
21.0	84.675	85.463	87.233	86.010	81.847	87.495	89.985	87.517	86.610
21.5	84.525	85.275	87.172	86.505	82.267	87.990	89.828	87.240	86.362
22.0	84.375	85.132	87.075	86.955	82.688	88.440	89.662	86.985	86.040
22.5	84.127	84.885	86.978	87.382	83.115	88.920	89.498	86.670	85.657
23.0	83.888	84.593	86.873	87.757	83.513	89.340	89.265	86.340	85.343
23.5	83.543	84.248	86.662	88.020	83.865	89.782	89.002	86.025	84.915
24.0	83.213	83.888	86.475	88.245	84.285	90.195	88.748	85.597	84.480
24.5	82.927	83.595	86.257	88.440	84.653	90.600	88.463	85.125	84.090
25.0	82.582	83.198	85.957	88.597	85.028	90.953	88.140	84.728	83.647
25.5	82.200	82.823	85.672	88.718	85.403	91.222	87.832	84.248	83.145
26.0	81.780	82.395	85.320	88.748	85.725	91.463	87.427	83.730	82.665
26.5	81.382	81.953	84.953	88.838	86.070	91.612	87.060	83.235	82.095

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FAB WHITE 1 LIGHT.IES

CANDELA TABULATION - (Cont.)

27.0	80.835	81.465	84.540	88.808	86.385	91.680	86.647	82.657	81.555
27.5	80.460	81.052	84.112	88.748	86.692	91.695	86.160	82.125	81.000
28.0	79.905	80.550	83.610	88.605	86.978	91.635	85.672	81.532	80.400
28.5	79.373	79.965	83.100	88.448	87.300	91.455	85.140	80.925	79.755
29.0	78.862	79.410	82.597	88.162	87.615	91.222	84.563	80.272	79.110
29.5	78.300	78.885	82.028	87.870	87.900	90.907	83.978	79.620	78.450
30.0	77.737	78.308	81.420	87.510	88.132	90.510	83.347	78.953	77.722
30.5	77.032	77.707	80.797	87.067	88.433	90.082	82.642	78.233	76.965
31.0	76.478	77.153	80.145	86.677	88.665	89.603	81.960	77.498	76.252
31.5	75.877	76.515	79.515	86.213	88.927	89.078	81.240	76.778	75.450
32.0	75.165	75.847	78.885	85.672	89.183	88.470	80.505	76.020	74.700
32.5	74.520	75.218	78.142	85.147	89.332	87.802	79.733	75.210	73.815
33.0	73.823	74.513	77.453	84.525	89.520	87.075	78.983	74.385	72.998
33.5	73.020	73.868	76.755	83.865	89.662	86.362	78.203	73.537	72.022
34.0	72.368	73.125	75.983	83.243	89.618	85.507	77.362	72.720	71.198
34.5	71.670	72.405	75.263	82.470	89.505	84.690	76.545	71.850	70.290
35.0	70.845	71.647	74.483	81.698	89.130	83.835	75.653	70.965	69.323
35.5	70.110	70.950	73.733	80.903	88.620	82.950	74.813	70.073	68.370
36.0	69.330	70.132	72.922	80.070	87.960	82.013	73.935	69.105	67.463
36.5	68.505	69.368	72.165	79.170	87.180	81.120	73.043	68.220	66.465
37.0	67.778	68.603	71.355	78.248	86.198	80.115	72.127	67.290	65.513
37.5	66.998	67.800	70.500	77.310	84.968	79.132	71.198	66.300	64.500
38.0	66.172	66.975	69.720	76.373	83.610	78.142	70.282	65.325	63.502
38.5	65.377	66.157	68.865	75.368	82.200	77.100	69.285	64.297	62.535
39.0	64.575	65.377	68.047	74.370	80.745	76.103	68.340	63.322	61.553
39.5	63.810	64.537	67.200	73.335	79.290	75.052	67.358	62.295	60.517
40.0	63.150	63.735	66.330	72.308	77.828	74.017	66.390	61.290	59.550
40.5	62.385	62.917	65.460	71.295	76.440	72.953	65.362	60.278	58.545
41.0	61.612	62.130	64.612	70.230	75.052	71.910	64.365	59.265	57.578
41.5	61.035	61.358	63.705	69.240	73.710	70.845	63.330	58.237	56.648
42.0	60.405	60.585	62.820	68.198	72.465	69.780	62.310	57.233	55.710
42.5	59.880	59.820	61.913	67.147	71.183	68.692	61.245	56.242	54.810
43.0	59.430	59.108	61.028	66.112	69.975	67.627	60.180	55.275	53.873
43.5	59.040	58.492	60.112	65.025	68.843	66.510	59.138	54.345	53.093
44.0	58.718	57.870	59.227	63.960	67.710	65.385	58.028	53.362	52.335
44.5	58.237	57.390	58.335	62.955	66.615	64.282	56.955	52.500	51.623
45.0	57.840	56.925	57.420	61.822	65.520	63.112	55.867	51.667	51.045
45.5	57.465	56.483	56.580	60.780	64.500	62.002	54.840	50.910	50.475
46.0	57.053	56.115	55.703	59.715	63.420	60.818	53.775	50.205	49.935
46.5	56.617	55.695	54.847	58.650	62.407	59.633	52.718	49.590	49.365
47.0	56.175	55.252	54.053	57.525	61.320	58.455	51.623	49.020	48.788
47.5	55.785	54.862	53.227	56.445	60.218	57.240	50.625	48.450	48.210
48.0	55.388	54.465	52.523	55.365	59.115	56.032	49.627	47.910	47.610
48.5	54.953	54.008	51.833	54.225	57.975	54.788	48.630	47.340	47.108
49.0	54.600	53.602	51.240	53.160	56.813	53.602	47.715	46.792	46.568
49.5	54.195	53.182	50.633	52.035	55.620	52.365	46.830	46.230	46.005
50.0	53.797	52.785	50.100	50.947	54.405	51.188	46.050	45.712	45.502
50.5	53.400	52.358	49.553	49.905	53.130	49.965	45.315	45.150	44.977
51.0	53.040	51.975	49.087	48.885	51.855	48.735	44.648	44.640	44.422
51.5	52.710	51.540	48.667	47.745	50.572	47.542	44.055	44.093	43.950
52.0	52.275	51.188	48.292	46.748	49.215	46.358	43.492	43.620	43.462
52.5	51.975	50.797	47.873	45.742	47.828	45.188	43.013	43.102	42.968
53.0	51.600	50.392	47.475	44.708	46.515	44.032	42.472	42.570	42.480
53.5	51.285	50.025	47.063	43.815	45.157	42.938	41.970	42.180	41.985
54.0	50.962	49.695	46.680	42.892	43.830	41.850	41.490	41.640	41.542
54.5	50.535	49.305	46.275	42.053	42.570	40.852	41.002	41.182	41.138

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FAB WHTE 1 LIGHT.IES

CANDELA TABULATION - (Cont.)

55.0	50.197	49.005	45.885	41.295	41.288	39.840	40.523	40.703	40.657
55.5	49.972	48.667	45.487	40.665	40.080	38.895	40.042	40.267	40.260
56.0	49.665	48.322	45.120	40.020	38.865	38.100	39.563	39.825	39.810
56.5	49.358	47.977	44.708	39.502	37.733	37.343	39.097	39.398	39.375
57.0	49.095	47.700	44.340	38.947	36.675	36.765	38.663	38.955	38.970
57.5	48.780	47.325	43.972	38.422	35.625	36.307	38.212	38.528	38.565
58.0	48.532	47.025	43.583	38.040	34.650	35.932	37.733	38.123	38.153
58.5	48.188	46.748	43.252	37.748	33.795	35.535	37.305	37.703	37.718
59.0	47.955	46.432	42.907	37.395	33.068	35.167	36.885	37.275	37.335
59.5	47.663	46.133	42.547	37.087	32.468	34.807	36.435	36.907	36.990
60.0	47.347	45.855	42.218	36.765	32.017	34.432	36.045	36.502	36.555
60.5	47.070	45.570	41.895	36.435	31.642	34.035	35.625	36.083	36.218
61.0	46.822	45.278	41.557	36.090	31.335	33.645	35.197	35.715	35.782
61.5	46.620	45.023	41.175	35.782	31.058	33.278	34.822	35.325	35.460
62.0	46.320	44.722	40.890	35.400	30.795	32.917	34.410	34.950	35.047
62.5	46.042	44.438	40.568	35.093	30.488	32.528	34.042	34.583	34.657
63.0	45.803	44.160	40.230	34.755	30.195	32.153	33.667	34.163	34.335
63.5	45.487	43.883	39.930	34.425	29.895	31.777	33.285	33.840	33.938
64.0	45.240	43.642	39.653	34.110	29.587	31.440	32.888	33.480	33.600
64.5	45.060	43.373	39.322	33.758	29.273	31.058	32.542	33.135	33.233
65.0	44.805	43.102	39.075	33.443	28.973	30.712	32.175	32.760	32.888
65.5	44.520	42.840	38.737	33.142	28.657	30.315	31.770	32.453	32.535
66.0	44.273	42.608	38.468	32.813	28.350	29.977	31.433	32.093	32.197
66.5	44.055	42.322	38.167	32.468	28.050	29.633	31.058	31.740	31.883
67.0	43.822	42.105	37.875	32.212	27.690	29.258	30.675	31.387	31.530
67.5	43.545	41.843	37.575	31.898	27.413	28.890	30.367	31.058	31.185
68.0	43.305	41.572	37.313	31.538	27.120	28.598	30.030	30.712	30.878
68.5	43.095	41.325	37.042	31.260	26.790	28.207	29.677	30.413	30.585
69.0	42.877	41.108	36.750	30.953	26.468	27.907	29.370	30.075	30.195
69.5	42.638	40.852	36.487	30.622	26.168	27.585	29.025	29.753	29.895
70.0	42.428	40.635	36.195	30.352	25.845	27.218	28.718	29.438	29.610
70.5	42.150	40.380	35.903	30.060	25.530	26.895	28.387	29.137	29.220
71.0	41.910	40.140	35.693	29.723	25.223	26.573	28.058	28.793	28.957
71.5	41.722	39.953	35.430	29.460	24.922	26.250	27.735	28.500	28.650
72.0	41.505	39.705	35.153	29.152	24.630	25.905	27.435	28.177	28.350
72.5	41.303	39.472	34.920	28.837	24.323	25.605	27.120	27.892	28.035
73.0	41.055	39.248	34.665	28.590	24.023	25.282	26.828	27.570	27.742
73.5	40.822	39.038	34.403	28.282	23.723	24.960	26.505	27.293	27.435
74.0	40.665	38.790	34.163	27.983	23.438	24.652	26.220	26.992	27.157
74.5	40.492	38.557	33.892	27.735	23.115	24.337	25.920	26.700	26.850
75.0	40.245	38.370	33.660	27.473	22.852	24.060	25.642	26.430	26.543
75.5	39.998	38.138	33.450	27.172	22.567	23.775	25.343	26.108	26.265
76.0	39.795	37.928	33.218	26.918	22.260	23.453	25.043	25.830	25.965
76.5	39.555	37.718	32.955	26.663	21.968	23.190	24.758	25.545	25.703
77.0	39.315	37.492	32.767	26.392	21.712	22.905	24.457	25.282	25.433
77.5	39.195	37.313	32.520	26.115	21.413	22.590	24.188	24.983	25.185
78.0	38.970	37.087	32.258	25.875	21.165	22.335	23.918	24.705	24.885
78.5	38.715	36.862	32.070	25.575	20.872	22.058	23.648	24.435	24.622
79.0	38.580	36.653	31.845	25.358	20.602	21.758	23.363	24.172	24.300
79.5	38.318	36.450	31.590	25.133	20.332	21.480	23.093	23.887	24.052
80.0	38.197	36.240	31.402	24.840	20.078	21.210	22.823	23.625	23.790
80.5	37.980	36.060	31.163	24.615	19.837	20.948	22.538	23.385	23.558
81.0	37.763	35.865	30.945	24.375	19.575	20.677	22.313	23.108	23.250
81.5	37.620	35.633	30.750	24.135	19.358	20.453	22.058	22.860	23.003
82.0	37.373	35.438	30.517	23.925	19.110	20.183	21.773	22.635	22.770
82.5	37.208	35.280	30.285	23.707	18.855	19.905	21.532	22.380	22.523

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FAB WHT1 1 LIGHT.IES

CANDELA TABULATION - (Cont.)

83.0	36.960	35.047	30.105	23.460	18.608	19.680	21.293	22.125	22.260
83.5	36.780	34.883	29.902	23.235	18.383	19.448	21.038	21.863	21.997
84.0	36.623	34.703	29.677	23.047	18.150	19.192	20.813	21.645	21.750
84.5	36.428	34.485	29.512	22.808	17.933	18.953	20.558	21.375	21.495
85.0	36.270	34.290	29.317	22.613	17.730	18.712	20.340	21.157	21.315
85.5	36.097	34.110	29.100	22.410	17.490	18.457	20.130	20.918	21.052
86.0	35.917	33.922	28.913	22.192	17.295	18.255	19.860	20.633	20.865
86.5	35.730	33.773	28.762	22.005	17.078	18.023	19.635	20.422	20.558
87.0	35.528	33.585	28.545	21.863	16.883	17.805	19.433	20.227	20.348
87.5	35.362	33.390	28.387	21.637	16.733	17.602	19.207	19.980	20.152
88.0	35.205	33.278	28.230	21.495	16.508	17.400	19.012	19.777	19.905
88.5	35.032	33.105	28.058	21.337	16.372	17.198	18.802	19.575	19.688
89.0	35.002	33.008	27.930	21.165	16.215	17.055	18.600	19.343	19.440
89.5	35.017	33.000	27.930	21.150	16.102	16.905	18.413	19.155	19.253
90.0	34.950	33.045	27.983	21.180	16.163	16.867	18.337	19.043	19.125
90.5	35.063	33.090	27.990	21.203	16.163	16.883	18.293	18.983	19.087
91.0	35.160	33.120	28.035	21.247	16.148	16.883	18.255	18.953	19.050
91.5	35.190	33.210	28.073	21.293	16.200	16.890	18.247	18.938	18.983
92.0	35.250	33.203	28.148	21.277	16.207	16.890	18.210	18.878	18.960
92.5	35.295	33.263	28.177	21.337	16.253	16.867	18.180	18.817	18.907
93.0	35.355	33.315	28.177	21.390	16.238	16.823	18.180	18.795	18.878
93.5	35.445	33.352	28.282	21.413	16.313	16.830	18.180	18.765	18.825
94.0	35.483	33.428	28.313	21.473	16.297	16.815	18.113	18.735	18.765
94.5	35.535	33.450	28.358	21.488	16.335	16.777	18.135	18.683	18.675
95.0	35.648	33.502	28.387	21.525	16.335	16.777	18.082	18.578	18.622
95.5	35.633	33.585	28.425	21.570	16.358	16.770	18.045	18.547	18.600
96.0	35.722	33.623	28.477	21.600	16.372	16.755	18.008	18.510	18.503
96.5	35.767	33.660	28.567	21.622	16.418	16.733	17.962	18.427	18.457
97.0	35.820	33.712	28.552	21.675	16.410	16.718	17.940	18.375	18.360
97.5	35.858	33.758	28.598	21.735	16.418	16.680	17.918	18.360	18.323
98.0	35.940	33.765	28.650	21.727	16.477	16.695	17.850	18.285	18.262
98.5	35.947	33.833	28.688	21.795	16.485	16.650	17.828	18.233	18.188
99.0	35.992	33.877	28.688	21.855	16.508	16.605	17.813	18.172	18.128
99.5	36.045	33.892	28.740	21.832	16.523	16.605	17.730	18.113	18.023
100.0	36.060	33.930	28.762	21.878	16.560	16.575	17.715	18.060	17.977
100.5	36.120	33.938	28.770	21.915	16.567	16.552	17.692	17.985	17.902
101.0	36.112	33.960	28.800	21.960	16.605	16.523	17.648	17.902	17.828
101.5	36.195	33.975	28.830	21.975	16.620	16.470	17.595	17.858	17.723
102.0	36.165	33.998	28.823	22.012	16.680	16.455	17.543	17.775	17.692
102.5	36.188	33.998	28.830	22.020	16.680	16.433	17.475	17.700	17.617
103.0	36.195	34.020	28.845	22.050	16.725	16.372	17.415	17.640	17.550
103.5	36.195	34.028	28.830	22.095	16.710	16.350	17.370	17.595	17.415
104.0	36.255	34.035	28.800	22.050	16.725	16.313	17.302	17.520	17.385
104.5	36.270	34.065	28.808	22.095	16.740	16.267	17.212	17.430	17.265
105.0	36.203	34.072	28.793	22.117	16.785	16.223	17.130	17.378	17.183
105.5	36.240	34.028	28.785	22.073	16.800	16.185	17.047	17.280	17.085
106.0	36.270	34.035	28.808	22.087	16.777	16.155	16.965	17.175	17.025
106.5	36.255	34.050	28.793	22.087	16.800	16.117	16.890	17.100	16.927
107.0	36.278	34.050	28.770	22.080	16.777	16.087	16.800	16.988	16.852
107.5	36.255	34.028	28.762	22.073	16.777	16.043	16.725	16.898	16.725
108.0	36.255	34.020	28.747	22.110	16.800	15.953	16.642	16.747	16.598
108.5	36.270	34.013	28.762	22.073	16.770	15.938	16.567	16.657	16.462
109.0	36.203	34.005	28.725	22.073	16.785	15.855	16.485	16.530	16.380
109.5	36.225	33.953	28.688	22.043	16.747	15.832	16.402	16.433	16.192
110.0	36.188	33.960	28.665	22.043	16.770	15.795	16.320	16.282	16.133
110.5	36.195	33.900	28.665	22.035	16.740	15.750	16.215	16.207	15.945

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FAB WHITE 1 LIGHT.IES

CANDELA TABULATION - (Cont.)

111.0	36.150	33.907	28.635	22.058	16.747	15.705	16.148	16.080	15.810
111.5	36.127	33.885	28.635	22.027	16.710	15.668	16.027	15.975	15.742
112.0	36.038	33.870	28.605	22.020	16.703	15.592	15.953	15.840	15.578
112.5	36.060	33.840	28.545	21.997	16.718	15.570	15.885	15.735	15.428
113.0	36.045	33.795	28.545	21.975	16.710	15.502	15.803	15.623	15.293
113.5	36.000	33.758	28.508	21.945	16.688	15.473	15.682	15.465	15.188
114.0	35.940	33.735	28.455	21.945	16.680	15.435	15.607	15.383	15.068
114.5	35.955	33.690	28.433	21.907	16.672	15.360	15.533	15.210	14.918
115.0	35.865	33.638	28.365	21.878	16.635	15.315	15.375	15.045	14.745
115.5	35.835	33.645	28.335	21.855	16.642	15.255	15.338	14.895	14.610
116.0	35.760	33.540	28.275	21.802	16.582	15.248	15.210	14.693	14.453
116.5	35.767	33.510	28.238	21.795	16.605	15.158	15.082	14.535	14.295
117.0	35.670	33.458	28.177	21.758	16.567	15.127	15.030	14.393	14.025
117.5	35.587	33.383	28.155	21.720	16.530	15.075	14.947	14.190	13.883
118.0	35.542	33.330	28.065	21.660	16.500	15.008	14.828	14.040	13.643
118.5	35.475	33.300	28.020	21.630	16.455	14.955	14.723	13.875	13.470
119.0	35.385	33.203	27.968	21.615	16.433	14.910	14.662	13.703	13.260
119.5	35.310	33.157	27.915	21.578	16.433	14.865	14.527	13.508	13.035
120.0	35.242	33.112	27.870	21.517	16.380	14.813	14.467	13.305	12.832
120.5	35.190	32.992	27.810	21.442	16.343	14.738	14.355	13.125	12.637
121.0	35.115	32.940	27.720	21.442	16.282	14.685	14.235	12.960	12.435
121.5	34.980	32.888	27.645	21.405	16.282	14.610	14.182	12.795	12.225
122.0	34.920	32.775	27.593	21.315	16.260	14.550	14.078	12.607	12.008
122.5	34.815	32.700	27.540	21.262	16.200	14.527	13.980	12.450	11.828
123.0	34.733	32.633	27.442	21.240	16.163	14.438	13.898	12.277	11.625
123.5	34.620	32.490	27.360	21.142	16.133	14.393	13.815	12.127	11.377
124.0	34.605	32.385	27.308	21.113	16.117	14.348	13.680	11.947	11.213
124.5	34.417	32.310	27.225	21.060	16.058	14.273	13.613	11.797	11.033
125.0	34.290	32.190	27.150	21.000	16.005	14.258	13.545	11.633	10.845
125.5	34.163	32.093	27.038	20.918	15.967	14.190	13.463	11.490	10.703
126.0	34.013	31.957	26.955	20.872	15.953	14.160	13.410	11.363	10.545
126.5	33.953	31.830	26.858	20.797	15.915	14.123	13.313	11.213	10.387
127.0	33.727	31.733	26.775	20.760	15.893	14.085	13.200	11.092	10.230
127.5	33.578	31.582	26.663	20.692	15.863	14.025	13.140	10.988	10.110
128.0	33.472	31.448	26.565	20.610	15.810	14.010	13.072	10.822	9.975
128.5	33.307	31.297	26.460	20.565	15.810	13.995	12.975	10.688	9.848
129.0	33.142	31.215	26.370	20.483	15.742	13.928	12.900	10.537	9.720
129.5	33.030	31.050	26.242	20.430	15.713	13.883	12.848	10.410	9.637
130.0	32.813	30.945	26.137	20.325	15.682	13.800	12.713	10.290	9.518
130.5	32.685	30.795	26.017	20.273	15.682	13.777	12.660	10.178	9.360
131.0	32.535	30.645	25.905	20.227	15.607	13.732	12.585	10.072	9.293
131.5	32.407	30.517	25.808	20.130	15.578	13.703	12.495	9.930	9.225
132.0	32.190	30.367	25.665	20.108	15.555	13.672	12.420	9.825	9.098
132.5	31.995	30.172	25.560	19.995	15.510	13.627	12.367	9.713	8.985
133.0	31.860	30.030	25.440	19.905	15.443	13.582	12.277	9.615	8.963
133.5	31.657	29.880	25.313	19.845	15.435	13.545	12.210	9.540	8.850
134.0	31.492	29.700	25.192	19.755	15.367	13.530	12.127	9.435	8.813
134.5	31.335	29.535	25.065	19.657	15.360	13.485	12.075	9.322	8.715
135.0	31.148	29.378	24.907	19.567	15.300	13.425	12.000	9.255	8.640
135.5	30.968	29.175	24.810	19.492	15.255	13.432	11.925	9.172	8.565
136.0	30.765	29.070	24.660	19.402	15.203	13.350	11.835	9.037	8.467
136.5	30.578	28.898	24.532	19.343	15.165	13.313	11.752	8.977	8.370
137.0	30.367	28.695	24.398	19.230	15.127	13.268	11.723	8.887	8.265
137.5	30.157	28.523	24.262	19.148	15.053	13.230	11.610	8.783	8.227
138.0	29.933	28.343	24.120	19.073	15.037	13.162	11.572	8.738	8.205
138.5	29.760	28.148	24.000	18.975	14.992	13.162	11.543	8.662	8.107

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FAB WHITE 1 LIGHT.IES

CANDELA TABULATION - (Cont.)

139.0	29.535	27.990	23.843	18.863	14.910	13.140	11.438	8.557	8.047
139.5	29.340	27.788	23.692	18.773	14.873	13.088	11.385	8.498	7.973
140.0	29.190	27.608	23.490	18.698	14.850	13.072	11.332	8.415	7.897
140.5	28.980	27.390	23.385	18.555	14.760	13.005	11.235	8.355	7.830
141.0	28.770	27.247	23.220	18.503	14.730	12.953	11.205	8.250	7.740
141.5	28.590	27.008	23.085	18.383	14.670	12.945	11.130	8.175	7.665
142.0	28.372	26.828	22.913	18.262	14.595	12.900	11.070	8.085	7.575
142.5	28.110	26.640	22.770	18.172	14.550	12.848	11.033	8.047	7.485
143.0	27.900	26.422	22.605	18.052	14.498	12.832	10.980	7.928	7.463
143.5	27.675	26.205	22.425	17.933	14.438	12.765	10.890	7.860	7.395
144.0	27.465	26.003	22.267	17.843	14.355	12.713	10.875	7.800	7.350
144.5	27.240	25.793	22.110	17.745	14.303	12.727	10.860	7.755	7.298
145.0	27.000	25.613	21.968	17.595	14.235	12.668	10.777	7.657	7.260
145.5	26.782	25.402	21.802	17.512	14.190	12.615	10.725	7.620	7.253
146.0	26.535	25.177	21.622	17.400	14.115	12.555	10.703	7.567	7.298
146.5	26.317	24.945	21.435	17.280	14.033	12.533	10.635	7.455	7.290
147.0	26.100	24.742	21.293	17.160	13.957	12.488	10.643	7.402	7.268
147.5	25.875	24.488	21.120	17.040	13.935	12.450	10.575	7.357	7.290
148.0	25.605	24.277	20.933	16.927	13.838	12.398	10.530	7.298	7.305
148.5	25.350	24.075	20.775	16.800	13.800	12.352	10.492	7.230	7.320
149.0	25.080	23.872	20.587	16.695	13.710	12.322	10.477	7.162	7.357
149.5	24.892	23.640	20.407	16.545	13.627	12.300	10.432	7.133	7.395
150.0	24.637	23.385	20.227	16.440	13.537	12.225	10.395	7.080	7.388
150.5	24.390	23.190	20.040	16.320	13.492	12.210	10.373	7.050	7.433
151.0	24.150	22.920	19.875	16.170	13.410	12.150	10.328	7.043	7.485
151.5	23.933	22.703	19.703	16.065	13.335	12.120	10.290	6.982	7.455
152.0	23.617	22.500	19.500	15.960	13.268	12.060	10.260	6.915	7.440
152.5	23.363	22.238	19.335	15.803	13.178	12.030	10.200	6.907	7.470
153.0	23.168	21.990	19.110	15.645	13.117	11.992	10.207	6.878	7.463
153.5	22.867	21.773	18.953	15.525	13.027	11.932	10.193	6.870	7.492
154.0	22.613	21.532	18.750	15.405	12.953	11.880	10.133	6.855	7.470
154.5	22.335	21.277	18.540	15.255	12.885	11.828	10.133	6.855	7.455
155.0	22.058	21.015	18.360	15.113	12.818	11.768	10.088	6.848	7.455
155.5	21.810	20.760	18.172	14.963	12.727	11.723	10.027	6.862	7.500
156.0	21.570	20.535	17.970	14.857	12.637	11.693	10.027	6.870	7.500
156.5	21.240	20.288	17.753	14.693	12.585	11.625	10.027	6.840	7.545
157.0	21.038	20.055	17.580	14.535	12.465	11.580	9.982	6.780	7.530
157.5	20.745	19.800	17.363	14.393	12.367	11.505	9.967	6.750	7.492
158.0	20.483	19.523	17.190	14.273	12.300	11.467	9.960	6.697	7.492
158.5	20.250	19.305	17.010	14.107	12.188	11.408	9.922	6.600	7.485
159.0	19.957	19.065	16.777	13.957	12.098	11.325	9.908	6.563	7.492
159.5	19.688	18.795	16.582	13.830	12.008	11.303	9.893	6.473	7.500
160.0	19.410	18.525	16.372	13.643	11.910	11.220	9.840	6.465	7.492
160.5	19.163	18.277	16.177	13.500	11.828	11.190	9.795	6.428	7.485
161.0	18.870	18.008	15.953	13.365	11.745	11.115	9.750	6.412	7.545
161.5	18.555	17.753	15.765	13.170	11.633	11.055	9.682	6.322	7.575
162.0	18.262	17.497	15.510	13.005	11.543	10.980	9.615	6.263	7.612
162.5	17.985	17.235	15.315	12.877	11.490	10.928	9.510	6.195	7.612
163.0	17.707	16.957	15.105	12.705	11.348	10.852	9.277	6.150	7.628
163.5	17.407	16.710	14.873	12.555	11.287	10.777	9.030	6.037	7.673
164.0	17.160	16.433	14.670	12.412	11.197	10.755	8.723	5.850	7.650
164.5	16.852	16.148	14.453	12.210	11.085	10.665	8.340	5.685	7.508
165.0	16.560	15.863	14.235	12.053	10.980	10.523	7.987	5.603	7.282
165.5	16.245	15.607	14.010	11.873	10.883	10.357	7.612	5.565	6.982
166.0	15.975	15.330	13.777	11.730	10.755	10.095	7.162	5.535	6.638
166.5	15.652	15.037	13.515	11.572	10.613	9.735	6.787	5.460	6.150

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : FAB WHITE 1 LIGHT.IES**

CANDELA TABULATION - (Cont.)

167.0	15.322	14.760	13.305	11.422	10.387	9.352	6.487	5.423	5.572
167.5	15.030	14.482	13.088	11.235	10.065	8.895	6.188	5.265	5.070
168.0	14.693	14.152	12.787	11.092	9.615	8.400	6.000	5.160	4.470
168.5	14.385	13.860	12.563	10.912	9.217	7.935	5.880	5.032	3.915
169.0	14.070	13.590	12.352	10.643	8.678	7.440	5.745	4.785	3.255
169.5	13.740	13.305	12.075	10.313	8.197	6.960	5.692	4.515	2.550
170.0	13.395	12.998	11.797	9.870	7.657	6.593	5.588	4.125	1.897
170.5	13.065	12.607	11.505	9.412	7.200	6.353	5.438	3.645	1.373
171.0	12.727	12.248	11.078	8.932	6.817	6.112	5.317	3.225	0.840
171.5	12.420	11.940	10.710	8.430	6.555	5.978	5.107	2.865	0.555
172.0	12.060	11.595	10.350	7.950	6.322	5.880	4.747	2.438	0.495
172.5	11.752	11.123	9.848	7.598	6.120	5.707	4.327	2.018	0.487
173.0	11.213	10.695	9.367	7.268	5.947	5.513	3.900	1.613	0.465
173.5	10.568	10.207	8.828	6.878	5.730	5.115	3.337	1.365	0.398
174.0	10.223	9.578	8.205	6.563	5.550	4.537	2.760	1.260	0.345
174.5	9.660	8.970	7.643	6.202	5.213	3.960	2.205	1.133	0.292
175.0	8.985	8.318	7.103	5.753	4.725	3.300	1.762	1.035	0.225
175.5	8.107	7.560	6.465	5.295	4.125	2.580	1.508	0.855	0.165
176.0	7.230	6.720	5.835	4.747	3.487	1.958	1.335	0.713	0.217
176.5	6.285	5.775	5.093	3.975	2.745	1.508	1.140	0.502	0.172
177.0	5.183	4.815	4.260	3.188	2.078	1.268	0.960	0.330	0.142
177.5	4.043	3.735	3.473	2.482	1.530	1.117	0.810	0.217	0.142
178.0	2.828	2.618	2.647	1.688	1.125	0.930	0.637	0.180	0.240
178.5	1.800	1.673	1.748	1.073	0.907	0.765	0.480	0.195	0.165
179.0	1.058	1.005	0.938	0.667	0.705	0.608	0.375	0.180	0.188
179.5	0.375	0.570	0.360	0.360	0.487	0.487	0.233	0.188	0.263
180.0	0.270	0.270	0.270	0.270	0.270	0.270	0.270	0.270	0.270

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FAB WHITE 1 LIGHT.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	30.57	N.A.	7.40
0-30	70.21	N.A.	16.90
0-40	118.13	N.A.	28.40
0-60	202.14	N.A.	48.70
0-80	267.44	N.A.	64.40
0-90	293.82	N.A.	70.80
10-90	286.89	N.A.	69.10
20-40	87.56	N.A.	21.10
20-50	132.74	N.A.	32.00
40-70	118.63	N.A.	28.60
60-80	65.29	N.A.	15.70
70-80	30.68	N.A.	7.40
80-90	26.38	N.A.	6.40
90-110	48.24	N.A.	11.60
90-120	69.50	N.A.	16.70
90-130	87.28	N.A.	21.00
90-150	111.26	N.A.	26.80
90-180	121.41	N.A.	29.20
110-180	73.17	N.A.	17.60
0-180	415.23	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	6.93
10-20	23.64
20-30	39.63
30-40	47.93
40-50	45.18
50-60	38.83
60-70	34.62
70-80	30.68
80-90	26.38
90-100	24.58
100-110	23.65
110-120	21.26
120-130	17.77
130-140	13.93
140-150	10.05
150-160	6.44
160-170	3.16
170-180	0.55

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FAB WHTE 1 LIGHT.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	112	112	112	112	112	106	106	106	106	95	95	95	85	85	85	75	75	75	71
1	100	94	89	85	85	94	89	85	81	80	76	73	71	68	66	63	61	59	54
2	90	81	74	68	68	85	77	71	65	69	64	59	61	57	53	54	51	48	44
3	82	71	63	56	56	77	67	60	54	60	54	49	54	49	44	47	44	40	37
4	75	63	54	47	47	70	60	51	45	53	47	41	48	42	38	42	38	34	31
5	69	56	47	40	40	65	53	45	39	48	41	36	43	37	33	38	33	30	27
6	63	50	41	35	35	60	48	40	34	43	36	31	39	33	29	34	30	26	23
7	59	45	37	31	31	55	43	35	29	39	32	27	35	29	25	31	27	23	21
8	54	41	33	27	27	51	39	32	26	36	29	24	32	26	22	29	24	21	18
9	51	38	30	24	24	48	36	28	23	33	26	22	29	24	20	27	22	19	16
10	48	35	27	22	22	45	33	26	21	30	24	20	27	22	18	25	20	17	15

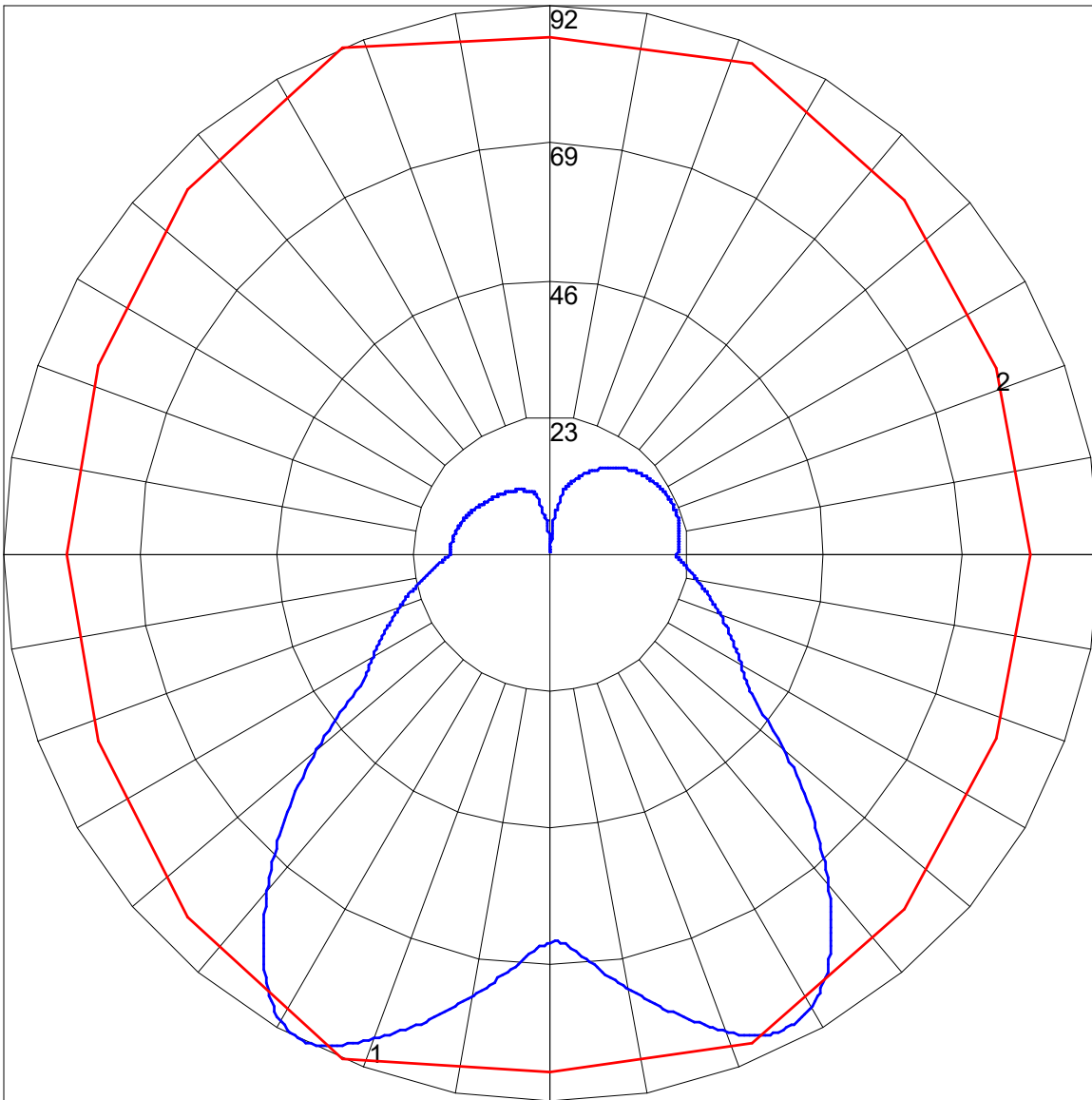
IES INDOOR REPORT
PHOTOMETRIC FILENAME : FAB WHITE 1 LIGHT.IES

UGR TABLE - CORRECTED

Reflectances											
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30	
Walls	50	30	50	30	30	50	30	50	30	30	
Floor Cavity	20	20	20	20	20	20	20	20	20	20	
Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	12.5	13.6	13.2	14.4	15.3	9.9	11.1	10.6	11.8	12.8
	3H	15.0	16.1	15.8	16.9	17.8	11.7	12.8	12.5	13.6	14.6
	4H	16.3	17.3	17.1	18.1	19.1	12.6	13.6	13.3	14.4	15.3
	6H	17.6	18.5	18.3	19.3	20.3	13.3	14.3	14.1	15.1	16.0
	8H	18.2	19.1	19.0	19.9	20.9	13.7	14.6	14.5	15.4	16.4
	12H	18.8	19.6	19.6	20.4	21.5	14.0	14.8	14.8	15.6	16.7
4H	2H	12.9	13.9	13.7	14.7	15.6	10.7	11.7	11.5	12.5	13.5
	3H	15.7	16.5	16.4	17.3	18.3	12.8	13.7	13.6	14.5	15.5
	4H	17.1	17.9	17.9	18.7	19.7	13.8	14.6	14.6	15.4	16.4
	6H	18.5	19.2	19.4	20.1	21.1	14.7	15.4	15.5	16.2	17.2
	8H	19.3	19.9	20.1	20.8	21.8	15.1	15.8	15.9	16.6	17.6
	12H	20.0	20.6	20.8	21.5	22.5	15.5	16.1	16.3	17.0	18.0
8H	4H	17.3	18.0	18.1	18.8	19.9	14.4	15.0	15.2	15.9	16.9
	6H	19.0	19.5	19.8	20.4	21.5	15.5	16.1	16.3	16.9	18.0
	8H	19.8	20.3	20.7	21.2	22.3	16.0	16.5	16.9	17.4	18.5
	12H	20.8	21.2	21.6	22.1	23.2	16.6	17.0	17.4	17.9	19.0
12H	4H	17.3	17.9	18.2	18.8	19.9	14.5	15.1	15.4	16.0	17.0
	6H	19.0	19.6	19.9	20.4	21.5	15.7	16.2	16.6	17.1	18.2
	8H	20.0	20.4	20.8	21.3	22.4	16.4	16.8	17.2	17.7	18.8

Maximum UGR = 23.2

POLAR GRAPH



Maximum Candela = 91.695 Located At Horizontal Angle = 112.5, Vertical Angle = 27.5
1 - Vertical Plane Through Horizontal Angles (112.5 - 292.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (27.5) (Through Max. Cd.)