



IES INDOOR REPORT

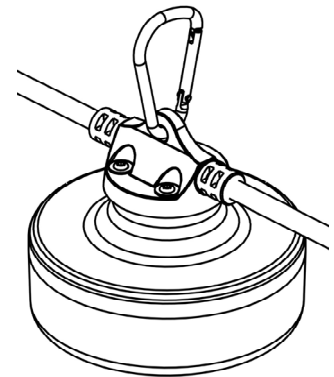
PHOTOMETRIC FILENAME : 16145 LED CORDLIGHTS 50-FT LENGTH 18-2 SJTW ROUND CORD 1600LM MODULE.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 1
[TESTLAB] JRLITE
[TESTDATE] 2021-09-23
[ISSUEDATE] 2021-09-23 19:20:50
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000B_V1 SYSTEM
[MANUFAC] ENGINEERED PRODUCTS CO.
[LUMINAIRE] 16145
[OTHER] SINGLE MODULE

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1617
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	13.7
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.34
Spacing Criterion (90-270)	1.34
Spacing Criterion (Diagonal)	1.48
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.33 ft (Diameter)
Luminous Width (90-270)	0.33 ft (Diameter)
Luminous Height	0.08 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	34446	34479	34885
55	32858	33037	33538
65	31504	31740	32415
75	30048	30598	31524
85	29646	30375	31544

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CANDELA TABULATION

	<u>0</u>	<u>15</u>	<u>30</u>	<u>45</u>	<u>60</u>	<u>75</u>	<u>90</u>	<u>105</u>	<u>120</u>	<u>135</u>
0	346.86	346.86	346.86	346.86	346.86	346.86	346.86	346.86	346.86	346.86
1	348.42	346.71	346.97	347.12	347.33	347.18	347.18	348.32	347.39	348.58
2	347.80	347.43	347.38	347.38	347.49	347.74	347.70	347.85	347.90	347.38
3	348.26	346.60	346.86	347.12	347.02	347.02	347.33	348.06	347.33	347.95
4	347.79	347.43	347.12	347.32	347.27	347.64	347.54	347.38	347.48	347.17
5	347.95	346.55	346.60	346.80	346.44	346.65	347.22	347.95	347.17	347.84
6	347.58	346.85	346.65	346.69	346.80	347.27	346.91	347.27	347.22	346.96
7	347.11	346.33	346.34	346.32	346.07	346.28	346.74	347.27	347.16	347.47
8	346.63	345.95	346.02	345.85	346.07	346.43	345.91	346.90	346.48	346.64
9	345.95	344.80	345.70	345.64	345.39	345.38	346.32	346.43	346.47	346.58
10	345.68	344.27	344.61	344.80	344.81	345.16	345.27	346.06	345.58	345.80
11	344.63	344.16	344.18	344.63	344.39	344.00	345.00	345.01	345.10	345.27
12	344.09	342.79	343.03	343.01	343.08	343.37	343.85	344.53	344.05	344.48
13	342.68	342.10	342.54	342.84	342.54	342.58	343.36	343.27	343.47	343.47
14	341.93	340.37	341.55	340.95	341.29	341.26	341.90	343.00	342.46	342.63
15	340.19	339.52	340.08	340.73	340.28	340.41	341.31	341.21	341.46	341.31
16	339.13	338.15	338.76	338.58	338.56	338.68	339.78	340.52	340.09	340.52
17	337.50	336.52	337.08	337.67	337.34	337.62	338.51	338.68	338.82	338.78
18	336.02	335.25	335.76	335.62	335.56	335.67	337.14	337.73	337.70	337.67
19	334.38	333.56	333.61	334.26	334.03	334.14	335.25	335.52	335.71	335.77
20	332.22	331.77	332.54	332.72	332.14	332.04	333.98	334.19	334.49	334.50
21	330.63	329.24	329.92	330.72	330.08	330.56	331.77	331.88	332.13	332.55
22	328.20	327.60	328.69	328.82	328.50	328.61	330.49	329.82	331.21	330.76
23	326.35	325.13	325.87	326.72	325.93	326.50	327.92	328.02	328.33	328.86
24	323.71	323.54	324.43	324.55	324.34	324.39	326.48	325.81	327.04	326.54
25	321.85	320.59	321.65	322.03	321.40	321.66	323.44	323.96	324.11	324.68
26	319.27	318.74	319.80	320.07	319.71	319.70	321.69	321.69	322.50	321.94
27	317.00	315.80	316.76	317.28	316.52	316.81	319.22	319.79	319.46	319.94
28	314.41	313.78	314.43	314.59	314.60	314.64	317.10	317.27	317.60	317.04
29	311.35	310.84	311.85	311.96	311.30	311.69	314.21	314.79	314.71	314.87
30	308.86	308.31	309.06	309.44	309.18	309.32	311.79	312.04	312.34	311.71
31	305.59	305.57	306.27	306.85	305.83	306.38	309.10	309.40	309.64	309.43
32	303.20	302.35	303.21	303.59	303.34	303.69	306.05	306.71	306.53	306.48
33	299.77	299.61	300.63	300.85	300.14	300.79	303.46	303.50	303.95	303.68
34	297.33	296.08	297.21	297.64	297.29	297.78	300.25	300.91	301.10	300.77
35	293.43	293.44	294.51	295.21	294.34	294.78	297.66	297.48	298.35	297.56
36	290.93	290.02	290.99	291.68	291.13	291.46	294.40	295.10	294.93	295.01
37	287.09	287.58	288.24	289.24	288.03	288.81	291.60	291.20	292.28	291.33
38	284.13	283.32	284.68	284.98	284.87	284.65	288.48	288.67	289.00	288.58
39	280.33	279.08	281.51	280.73	282.03	280.50	284.34	284.88	284.95	284.89
40	277.36	275.92	278.24	277.56	278.25	277.27	280.21	282.23	280.90	282.29
41	273.93	272.30	274.82	274.01	275.29	273.79	276.85	278.23	277.55	278.35
42	270.59	268.95	271.50	270.84	271.45	270.42	273.49	275.37	274.34	275.38
43	266.84	265.53	267.66	267.33	268.03	267.02	270.01	271.68	270.78	271.59
44	263.14	262.05	264.49	263.77	264.60	263.60	266.58	268.46	267.30	268.62
45	259.86	258.45	260.86	260.11	260.82	259.95	263.17	264.72	263.85	264.72
46	256.06	254.81	257.43	256.70	257.39	256.50	259.64	261.18	260.24	261.34
47	252.67	251.15	253.48	253.07	253.65	252.79	255.99	257.90	256.69	257.69
48	248.71	247.45	250.10	249.39	250.49	249.32	252.36	253.95	253.13	254.15
49	245.27	243.87	246.36	245.79	246.28	245.62	248.96	250.46	249.57	250.46
50	241.37	240.00	242.68	242.08	243.17	241.90	245.07	246.52	245.77	246.72
51	237.67	236.28	238.89	238.41	238.92	238.17	241.48	243.24	242.20	243.34
52	233.81	232.44	235.15	234.53	235.54	234.49	237.76	239.08	238.49	239.33
53	229.90	228.68	231.56	230.79	231.34	230.66	234.00	235.48	234.73	235.79

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CANDELA TABULATION - (Cont.)

54	226.19	224.62	227.25	226.92	227.80	226.71	230.02	231.42	230.85	231.88
55	221.81	220.85	223.61	223.02	223.60	222.94	226.40	227.94	227.20	228.08
56	218.26	217.01	219.14	219.00	219.80	218.98	222.42	223.82	223.23	224.17
57	213.93	213.04	215.59	215.02	215.75	215.14	218.51	219.92	219.30	220.05
58	210.22	209.02	211.02	211.11	211.80	211.15	214.67	216.22	215.48	216.14
59	205.63	205.01	207.32	207.21	207.90	207.21	210.76	212.11	211.60	211.92
60	202.18	200.99	203.06	203.01	203.80	203.17	206.80	208.20	207.58	208.22
61	197.87	196.93	199.32	198.95	199.80	199.12	202.79	203.99	203.57	203.85
62	193.85	192.89	194.90	194.96	195.44	195.09	198.81	200.29	199.78	200.20
63	189.57	188.65	191.05	190.71	191.69	190.93	194.65	195.97	195.58	195.77
64	185.44	184.59	186.89	186.69	187.38	186.87	190.63	192.06	191.58	192.23
65	181.21	180.42	182.83	182.57	183.32	182.71	186.45	187.68	187.41	187.74
66	176.93	176.27	178.56	178.44	178.80	178.59	182.42	183.82	183.38	184.09
67	172.75	171.89	174.40	174.15	174.94	174.35	178.20	179.66	179.11	179.61
68	168.31	167.71	170.23	169.94	170.48	170.25	174.00	175.23	175.02	175.70
69	164.24	163.42	165.81	165.64	166.26	165.90	169.87	171.37	170.83	171.37
70	159.75	159.19	161.75	161.49	162.10	161.73	165.69	166.94	166.68	167.25
71	155.51	154.93	157.22	157.19	157.83	157.48	161.39	162.87	162.49	162.97
72	150.93	150.60	153.01	152.91	153.63	153.27	157.15	158.25	158.20	158.60
73	146.80	146.27	148.59	148.58	149.11	148.88	152.94	154.33	154.11	154.38
74	142.36	141.94	144.42	144.24	144.99	144.61	148.58	149.64	149.72	149.89
75	137.58	137.72	140.00	140.10	140.57	140.43	144.34	145.73	145.51	145.77
76	132.79	133.30	135.29	135.70	135.89	136.11	140.07	141.20	141.20	141.39
77	128.66	128.93	130.58	131.38	131.20	131.83	135.81	136.53	136.92	136.76
78	124.36	124.70	126.39	127.18	127.00	127.62	131.43	131.86	132.60	132.13
79	120.09	120.50	122.03	122.95	122.63	123.39	127.30	127.69	128.40	127.96
80	115.98	116.26	117.89	118.68	118.53	119.12	123.05	123.38	124.14	123.71
81	111.93	112.23	113.82	114.68	114.38	115.08	118.88	119.20	119.99	119.57
82	107.87	108.25	109.68	110.56	110.33	110.98	114.74	115.17	115.87	115.45
83	104.09	104.29	105.84	106.55	106.44	107.02	110.73	111.19	111.84	111.51
84	100.41	100.67	102.08	102.84	102.68	103.24	106.78	107.16	107.89	107.54
85	96.83	97.14	98.44	99.21	98.96	99.58	103.03	103.42	104.07	103.77
86	93.60	93.78	94.96	95.67	95.53	96.01	99.37	99.80	100.43	100.10
87	90.56	90.69	91.90	92.41	92.35	92.77	95.88	96.28	96.93	96.64
88	87.81	87.95	88.93	89.54	89.33	89.81	92.69	93.07	93.66	93.40
89	85.27	85.33	86.26	86.71	86.58	86.99	89.69	90.12	90.61	90.44
90	83.06	83.05	83.87	84.27	84.14	84.50	87.00	87.39	87.88	87.73
91	81.00	80.97	81.72	82.09	81.92	82.27	84.54	84.86	85.33	85.21
92	79.26	79.15	79.78	80.11	79.94	80.23	82.29	82.63	83.06	82.98
93	77.68	77.51	78.08	78.35	78.22	78.42	80.29	80.63	81.01	80.97
94	76.35	76.13	76.60	76.81	76.69	76.91	78.57	78.87	79.23	79.23
95	75.12	74.88	75.30	75.46	75.32	75.52	77.05	77.29	77.65	77.66
96	74.07	73.81	74.19	74.31	74.18	74.36	75.69	75.97	76.26	76.37
97	73.09	72.87	73.14	73.34	73.17	73.32	74.55	74.81	75.09	75.16
98	72.16	71.92	72.18	72.36	72.21	72.38	73.53	73.76	74.04	74.15
99	71.24	71.01	71.25	71.46	71.30	71.48	72.58	72.82	73.11	73.21
100	70.32	70.06	70.33	70.53	70.41	70.55	71.68	71.92	72.18	72.32
101	69.39	69.18	69.37	69.60	69.46	69.68	70.80	71.02	71.29	71.41
102	68.45	68.22	68.46	68.65	68.57	68.73	69.90	70.08	70.37	70.51
103	67.55	67.33	67.54	67.75	67.64	67.84	68.99	69.19	69.43	69.63
104	66.61	66.39	66.60	66.79	66.73	66.90	68.08	68.26	68.54	68.72
105	65.71	65.48	65.67	65.86	65.80	66.03	67.18	67.38	67.62	67.83
106	64.76	64.53	64.76	64.91	64.90	65.09	66.30	66.47	66.74	66.89
107	63.81	63.59	63.82	63.98	63.93	64.20	65.37	65.55	65.82	65.96
108	62.92	62.69	62.88	63.03	63.02	63.25	64.47	64.64	64.92	65.04
109	61.99	61.77	61.97	62.14	62.09	62.36	63.56	63.73	64.01	64.15

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CANDELA TABULATION - (Cont.)

110	61.08	60.84	61.00	61.22	61.16	61.43	62.65	62.78	63.09	63.22
111	60.15	59.92	60.10	60.27	60.23	60.52	61.70	61.88	62.14	62.32
112	59.21	59.00	59.15	59.36	59.29	59.61	60.80	60.95	61.23	61.42
113	58.25	58.04	58.22	58.37	58.37	58.67	59.88	60.03	60.30	60.49
114	57.33	57.12	57.27	57.44	57.43	57.72	58.97	59.12	59.39	59.60
115	56.39	56.18	56.35	56.51	56.50	56.78	58.00	58.18	58.45	58.67
116	55.44	55.23	55.36	55.54	55.50	55.83	57.11	57.24	57.52	57.71
117	54.50	54.30	54.44	54.59	54.61	54.86	56.17	56.31	56.62	56.76
118	53.55	53.38	53.50	53.65	53.64	53.92	55.24	55.37	55.68	55.84
119	52.65	52.43	52.54	52.69	52.70	52.96	54.31	54.43	54.74	54.88
120	51.69	51.52	51.60	51.73	51.73	52.04	53.37	53.51	53.79	53.95
121	50.75	50.60	50.64	50.79	50.80	51.09	52.46	52.55	52.88	52.99
122	49.81	49.63	49.69	49.79	49.84	50.09	51.49	51.59	51.89	52.04
123	48.89	48.73	48.73	48.84	48.89	49.15	50.54	50.64	50.97	51.10
124	47.91	47.77	47.78	47.87	47.90	48.20	49.59	49.67	49.99	50.13
125	46.99	46.84	46.81	46.94	46.93	47.23	48.63	48.73	49.05	49.17
126	46.04	45.87	45.86	45.95	45.97	46.25	47.66	47.75	48.09	48.20
127	45.10	44.95	44.89	44.99	45.00	45.32	46.70	46.80	47.14	47.23
128	44.14	43.97	43.94	44.01	44.04	44.34	45.75	45.82	46.17	46.24
129	43.19	43.04	42.96	43.03	43.07	43.37	44.76	44.89	45.19	45.31
130	42.24	42.09	42.01	42.07	42.12	42.37	43.82	43.89	44.24	44.32
131	41.27	41.15	41.02	41.08	41.11	41.41	42.84	42.92	43.25	43.30
132	40.32	40.18	40.05	40.08	40.15	40.42	41.86	41.94	42.28	42.32
133	39.36	39.22	39.08	39.08	39.16	39.44	40.87	40.94	41.27	41.33
134	38.38	38.24	38.05	38.08	38.14	38.43	39.91	39.94	40.30	40.32
135	37.43	37.29	37.09	37.07	37.14	37.45	38.89	38.94	39.26	39.32
136	36.46	36.32	36.08	36.06	36.15	36.45	37.93	37.93	38.28	38.30
137	35.49	35.34	35.11	35.05	35.16	35.45	36.93	36.91	37.26	37.27
138	34.54	34.40	34.08	34.06	34.11	34.47	35.91	35.91	36.21	36.25
139	33.57	33.43	33.10	33.03	33.09	33.44	34.91	34.89	35.20	35.24
140	32.62	32.45	32.08	32.01	32.06	32.44	33.91	33.88	34.16	34.20
141	31.66	31.49	31.09	30.99	31.07	31.44	32.90	32.86	33.13	33.16
142	30.69	30.53	30.06	29.97	30.02	30.42	31.87	31.83	32.07	32.14
143	29.73	29.57	29.06	28.96	28.99	29.40	30.88	30.79	31.05	31.08
144	28.77	28.61	28.06	27.93	27.95	28.39	29.84	29.76	29.99	30.06
145	27.83	27.64	27.04	26.90	26.93	27.36	28.83	28.69	28.96	29.03
146	26.86	26.70	26.04	25.91	25.86	26.35	27.74	27.61	27.88	27.98
147	25.92	25.74	25.03	24.87	24.83	25.33	26.71	26.57	26.81	26.92
148	24.95	24.78	24.05	23.84	23.80	24.29	25.67	25.49	25.76	25.86
149	24.00	23.83	23.03	22.82	22.75	23.26	24.62	24.42	24.70	24.81
150	23.03	22.87	22.04	21.79	21.70	22.21	23.57	23.34	23.63	23.74
151	22.09	21.92	21.04	20.76	20.67	21.16	22.53	22.27	22.58	22.72
152	21.12	20.95	20.06	19.73	19.61	20.10	21.48	21.19	21.50	21.63
153	20.16	20.01	19.07	18.71	18.57	19.05	20.40	20.10	20.41	20.57
154	19.22	19.07	18.12	17.69	17.55	18.01	19.35	19.02	19.34	19.48
155	18.26	18.14	17.14	16.69	16.49	16.98	18.27	17.95	18.22	18.40
156	17.32	17.20	16.19	15.69	15.46	15.95	17.24	16.87	17.13	17.30
157	16.39	16.28	15.24	14.68	14.44	14.90	16.19	15.78	16.03	16.23
158	15.48	15.38	14.32	13.71	13.48	13.90	15.18	14.72	14.96	15.13
159	14.54	14.47	13.41	12.76	12.49	12.90	14.14	13.68	13.89	14.06
160	13.65	13.58	12.54	11.81	11.57	11.89	13.12	12.68	12.84	13.01
161	12.75	12.71	11.67	10.97	10.65	10.96	12.11	11.71	11.83	11.98
162	11.88	11.84	10.84	10.16	9.78	10.05	11.16	10.78	10.84	11.00
163	11.04	11.00	10.01	9.35	8.93	9.18	10.22	9.88	9.87	10.05
164	10.21	10.17	9.22	8.61	8.13	8.35	9.34	9.03	8.96	9.13
165	9.39	9.40	8.45	7.90	7.40	7.55	8.48	8.22	8.08	8.24

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CANDELA TABULATION - (Cont.)

166	8.65	8.64	7.72	7.22	6.76	6.79	7.66	7.44	7.29	7.41
167	7.91	7.88	7.05	6.58	6.20	6.12	6.89	6.71	6.63	6.60
168	7.20	7.17	6.46	5.99	5.65	5.57	6.18	6.07	6.04	5.91
169	6.56	6.52	5.92	5.49	5.17	5.11	5.53	5.49	5.51	5.34
170	5.94	5.93	5.42	5.06	4.76	4.72	4.99	5.03	5.04	4.89
171	5.38	5.38	4.98	4.69	4.46	4.42	4.59	4.66	4.68	4.61
172	4.90	4.90	4.60	4.38	4.25	4.25	4.34	4.40	4.46	4.44
173	4.55	4.49	4.34	4.20	4.18	4.19	4.26	4.31	4.36	4.37
174	4.29	4.22	4.18	4.16	4.15	4.17	4.23	4.27	4.30	4.32
175	4.17	4.14	4.13	4.14	4.14	4.15	4.22	4.24	4.26	4.28
176	4.15	4.13	4.12	4.12	4.14	4.14	4.21	4.22	4.23	4.26
177	4.14	4.13	4.12	4.13	4.13	4.13	4.18	4.19	4.20	4.21
178	4.17	4.13	4.12	4.12	4.12	4.12	4.16	4.17	4.19	4.21
179	4.19	4.15	4.13	4.12	4.13	4.12	4.17	4.19	4.19	4.20
180	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20

Vert. Angles	Horizontal Angles									
	<u>150</u>	<u>165</u>	<u>180</u>	<u>195</u>	<u>210</u>	<u>225</u>	<u>240</u>	<u>255</u>	<u>270</u>	<u>285</u>
0	346.86	346.86	346.86	346.86	346.86	346.86	346.86	346.86	346.86	346.86
1	348.01	347.54	348.62	346.81	346.92	347.07	347.27	347.33	347.44	348.11
2	347.90	347.49	347.74	347.01	347.48	347.28	346.96	347.28	347.49	347.74
3	347.69	347.64	348.52	346.39	346.60	346.86	347.01	347.28	347.12	347.95
4	347.79	347.02	347.58	346.91	347.17	347.12	346.86	347.12	347.22	347.63
5	347.58	347.12	348.05	346.81	346.55	346.91	347.48	347.22	347.23	347.32
6	347.63	346.86	347.47	346.65	346.91	346.70	346.60	346.86	346.81	347.26
7	347.11	347.43	347.68	346.33	346.38	346.54	346.84	346.85	346.49	346.42
8	347.31	346.34	347.41	345.91	346.17	346.02	345.86	346.23	345.71	346.36
9	346.42	346.43	346.83	345.65	345.64	346.43	346.31	346.07	345.75	345.52
10	346.15	345.18	346.30	344.86	344.96	345.49	344.80	344.97	344.13	345.10
11	345.41	345.17	345.66	344.70	344.63	344.75	345.00	344.59	344.12	344.04
12	344.46	343.86	344.82	343.39	343.00	343.34	343.59	344.01	342.45	343.30
13	343.66	343.43	343.77	342.96	342.21	342.65	343.21	343.07	342.12	342.35
14	342.34	342.06	343.38	341.49	340.79	341.39	341.68	342.43	339.92	341.29
15	341.39	341.27	341.80	340.70	340.31	340.23	340.73	340.76	339.43	340.08
16	339.86	339.75	340.48	339.28	339.21	339.33	339.42	339.80	337.92	338.44
17	338.90	338.32	339.15	338.28	338.19	337.34	338.04	337.66	336.75	337.17
18	337.01	337.16	337.62	336.70	336.30	335.91	336.41	336.80	334.45	334.96
19	336.16	335.52	336.19	334.65	334.62	333.81	334.47	334.29	332.65	333.63
20	334.26	334.10	334.19	333.43	332.93	333.17	333.25	333.22	330.91	330.95
21	332.98	331.83	332.96	331.38	330.72	330.60	331.09	330.76	328.91	329.73
22	330.72	330.30	330.54	329.74	329.18	329.38	329.35	329.38	327.07	326.78
23	329.13	328.19	328.83	327.38	326.76	326.34	326.98	326.91	324.60	325.24
24	326.85	326.13	325.94	325.74	325.02	324.85	324.76	325.01	322.22	322.24
25	324.43	323.81	324.55	323.11	322.49	322.07	322.02	322.38	319.75	320.65
26	322.41	321.65	321.92	321.00	320.59	320.22	319.19	320.06	317.90	317.54
27	319.78	319.44	320.16	318.42	318.11	317.49	317.34	317.69	314.86	315.32
28	317.60	316.38	317.00	315.94	315.47	315.12	314.87	314.96	312.53	312.57
29	314.44	314.21	314.82	313.41	312.58	312.17	312.80	312.37	309.59	309.99
30	312.43	310.95	311.92	310.47	309.95	309.53	309.56	309.11	306.90	307.30
31	309.22	308.98	309.38	308.09	307.36	306.80	307.28	306.89	304.16	304.19
32	306.99	305.57	306.68	304.83	304.31	303.95	303.87	303.79	301.16	301.55
33	303.62	303.34	303.83	302.55	301.67	301.05	301.49	301.25	298.26	298.38
34	301.34	299.76	301.23	298.82	298.36	297.84	297.92	297.89	294.63	295.68
35	298.22	297.53	297.54	296.80	295.97	295.15	295.59	294.99	291.93	292.21
36	295.31	293.74	294.73	293.23	292.19	291.78	292.23	291.57	288.51	289.40

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CANDELA TABULATION - (Cont.)

37	292.14	290.83	291.25	290.43	289.70	288.99	289.52	288.61	285.61	285.16
38	289.12	287.47	288.74	286.65	285.84	285.73	285.32	285.30	281.62	280.94
39	285.02	284.51	284.54	283.59	281.98	282.26	281.13	282.04	278.66	277.74
40	280.94	281.24	280.36	280.06	278.13	278.99	277.72	279.08	275.19	274.25
41	277.65	277.65	277.13	276.84	274.65	275.36	274.25	275.19	271.92	270.75
42	274.23	274.53	273.75	273.31	271.44	272.14	270.96	271.97	268.44	267.27
43	270.69	270.90	270.30	270.09	267.83	268.30	267.34	268.34	264.70	263.79
44	267.33	267.73	266.71	266.72	264.42	265.34	263.86	264.86	261.38	260.21
45	263.77	263.72	263.19	262.98	260.89	261.09	260.37	261.07	257.28	256.62
46	260.22	260.60	259.62	259.45	257.36	257.92	256.64	257.54	254.16	253.00
47	256.57	256.70	256.05	255.65	253.75	253.81	253.12	253.90	250.16	249.23
48	253.13	253.32	252.34	252.49	250.17	250.64	249.48	250.16	246.78	245.65
49	249.38	249.21	248.63	248.69	246.44	246.59	245.76	246.68	242.47	241.92
50	245.66	245.89	244.92	245.01	242.58	243.33	241.86	242.53	239.10	238.23
51	242.08	242.14	241.26	241.43	238.88	239.28	238.24	239.21	235.10	234.29
52	238.40	238.24	237.64	237.37	235.15	235.54	234.33	234.89	231.51	230.65
53	234.54	234.54	233.63	233.68	231.35	231.64	230.51	231.46	227.35	226.76
54	230.75	230.64	229.89	229.41	227.38	227.64	226.64	226.99	223.61	222.85
55	227.00	226.89	226.04	225.93	223.57	223.84	222.76	223.66	219.55	218.90
56	222.98	222.77	222.14	221.66	219.58	219.68	218.85	219.14	215.65	214.95
57	219.16	219.13	218.21	218.18	215.68	215.99	214.89	215.71	211.91	210.94
58	215.19	215.12	214.36	213.71	211.82	211.73	210.95	211.34	207.64	206.92
59	211.30	211.53	210.34	210.17	207.80	207.98	206.83	207.65	203.79	202.95
60	207.25	207.26	206.31	205.64	203.76	203.62	202.77	203.28	199.53	198.82
61	203.40	203.10	202.40	202.06	199.68	199.98	198.78	199.28	195.74	194.87
62	199.31	199.24	198.28	197.85	195.75	195.83	194.83	195.12	191.42	190.72
63	195.25	194.97	194.20	193.84	191.59	191.77	190.60	190.96	187.41	186.61
64	191.21	191.11	190.12	189.57	187.47	187.30	186.48	187.00	183.30	182.46
65	187.18	186.68	186.07	185.46	183.30	183.18	182.33	182.68	178.98	178.35
66	183.13	182.98	181.84	181.34	179.31	179.02	178.26	178.68	174.82	174.03
67	178.93	178.40	177.75	177.02	174.92	174.65	174.00	174.31	170.39	169.83
68	174.81	174.64	173.52	173.01	170.73	170.54	169.75	170.30	166.44	165.57
69	170.65	170.06	169.35	168.69	166.55	166.27	165.54	165.88	161.65	161.29
70	166.44	166.15	165.11	164.58	162.38	162.32	161.27	161.66	157.84	157.01
71	162.07	161.56	160.84	160.00	158.06	157.63	156.99	157.29	153.27	152.71
72	157.92	157.61	156.61	156.00	153.82	153.43	152.63	152.98	149.37	148.46
73	153.66	153.02	152.37	151.52	149.55	149.21	148.43	148.81	144.64	144.02
74	149.35	148.74	148.01	147.20	145.22	144.89	144.05	144.23	140.68	139.75
75	145.06	144.42	143.73	142.87	140.97	140.57	139.84	140.01	135.83	135.51
76	140.81	140.35	139.49	138.86	136.66	135.87	135.53	135.28	130.98	131.14
77	136.62	135.65	135.22	134.15	132.47	131.17	131.24	130.54	126.75	126.82
78	132.28	130.94	130.95	129.42	128.24	126.95	126.93	126.28	122.59	122.67
79	128.09	126.76	126.68	125.31	124.05	122.84	122.84	122.18	118.34	118.44
80	123.76	122.57	122.46	121.01	119.78	118.65	118.61	117.96	114.20	114.26
81	119.65	118.36	118.37	116.82	115.73	114.39	114.56	113.82	110.18	110.31
82	115.53	114.30	114.23	112.88	111.66	110.49	110.54	109.87	106.27	106.37
83	111.56	110.38	110.21	108.96	107.75	106.66	106.55	106.01	102.56	102.58
84	107.59	106.44	106.29	105.00	103.96	102.84	102.77	102.16	98.98	99.00
85	103.91	102.72	102.65	101.39	100.34	99.31	99.23	98.67	95.55	95.64
86	100.16	99.11	98.99	97.78	96.86	95.87	95.73	95.26	92.37	92.42
87	96.73	95.76	95.65	94.46	93.58	92.67	92.56	92.14	89.51	89.56
88	93.51	92.52	92.49	91.36	90.59	89.76	89.69	89.27	86.79	86.96
89	90.49	89.66	89.60	88.62	87.85	87.14	87.02	86.70	84.41	84.55
90	87.76	86.99	86.91	85.99	85.37	84.70	84.60	84.30	82.28	82.38
91	85.32	84.60	84.57	83.72	83.17	82.60	82.50	82.18	80.34	80.49
92	83.09	82.42	82.38	81.61	81.17	80.67	80.54	80.25	78.65	78.77

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CANDELA TABULATION - (Cont.)

93	81.05	80.55	80.48	79.79	79.37	79.03	78.88	78.67	77.18	77.30
94	79.37	78.85	78.80	78.12	77.88	77.52	77.42	77.23	75.90	76.05
95	77.80	77.37	77.36	76.73	76.57	76.23	76.16	75.97	74.76	74.90
96	76.55	76.11	76.10	75.53	75.37	75.16	75.02	74.91	73.77	73.91
97	75.32	74.97	74.96	74.45	74.34	74.14	74.06	73.90	72.82	72.97
98	74.30	73.99	74.02	73.50	73.39	73.24	73.15	73.01	71.93	72.08
99	73.35	73.06	73.09	72.61	72.53	72.37	72.27	72.14	71.00	71.14
100	72.48	72.19	72.27	71.75	71.64	71.52	71.38	71.26	70.15	70.26
101	71.58	71.29	71.34	70.85	70.77	70.60	70.50	70.38	69.19	69.34
102	70.69	70.42	70.47	70.01	69.88	69.75	69.61	69.49	68.31	68.42
103	69.82	69.52	69.56	69.13	69.05	68.84	68.74	68.62	67.40	67.53
104	68.89	68.63	68.69	68.24	68.10	67.95	67.83	67.72	66.53	66.61
105	68.02	67.73	67.78	67.34	67.21	67.04	66.93	66.84	65.60	65.71
106	67.11	66.83	66.88	66.46	66.34	66.16	66.06	65.91	64.69	64.78
107	66.23	65.93	65.96	65.53	65.45	65.27	65.17	65.02	63.77	63.85
108	65.29	65.03	65.04	64.65	64.53	64.38	64.30	64.09	62.89	62.94
109	64.41	64.15	64.15	63.76	63.64	63.48	63.38	63.19	61.97	62.06
110	63.47	63.19	63.23	62.83	62.72	62.54	62.48	62.26	61.06	61.12
111	62.55	62.32	62.35	61.94	61.83	61.69	61.56	61.38	60.15	60.22
112	61.63	61.37	61.39	61.01	60.94	60.75	60.67	60.46	59.23	59.28
113	60.71	60.47	60.51	60.12	60.02	59.87	59.74	59.56	58.31	58.36
114	59.81	59.56	59.57	59.20	59.11	58.95	58.84	58.65	57.39	57.45
115	58.87	58.62	58.66	58.30	58.20	58.05	57.95	57.73	56.50	56.52
116	57.95	57.67	57.76	57.36	57.27	57.12	57.02	56.82	55.55	55.58
117	56.99	56.75	56.82	56.47	56.37	56.24	56.12	55.91	54.64	54.64
118	56.07	55.82	55.90	55.53	55.46	55.29	55.20	54.98	53.71	53.71
119	55.10	54.87	54.96	54.59	54.53	54.37	54.27	54.04	52.80	52.74
120	54.18	53.96	54.04	53.67	53.58	53.47	53.35	53.14	51.87	51.84
121	53.23	52.99	53.11	52.72	52.68	52.53	52.45	52.19	50.92	50.87
122	52.29	52.07	52.19	51.79	51.75	51.61	51.51	51.27	49.97	49.93
123	51.32	51.10	51.23	50.84	50.81	50.67	50.57	50.33	49.02	48.96
124	50.39	50.19	50.31	49.93	49.87	49.75	49.65	49.40	48.06	48.03
125	49.42	49.18	49.33	48.97	48.93	48.79	48.70	48.45	47.08	47.06
126	48.45	48.25	48.41	48.01	47.97	47.86	47.76	47.52	46.17	46.10
127	47.49	47.26	47.43	47.03	47.03	46.89	46.82	46.59	45.14	45.12
128	46.51	46.29	46.48	46.08	46.07	45.96	45.91	45.65	44.16	44.14
129	45.53	45.30	45.47	45.14	45.11	45.02	44.92	44.73	43.20	43.17
130	44.57	44.31	44.51	44.17	44.19	44.05	44.02	43.78	42.22	42.18
131	43.59	43.30	43.49	43.21	43.21	43.08	43.05	42.84	41.21	41.22
132	42.57	42.30	42.42	42.24	42.23	42.12	42.11	41.88	40.26	40.23
133	41.59	41.28	41.32	41.26	41.27	41.17	41.14	40.93	39.27	39.26
134	40.61	40.28	40.21	40.29	40.32	40.18	40.22	39.97	38.27	38.24
135	39.57	39.28	39.00	39.33	39.32	39.24	39.25	39.01	37.31	37.28
136	38.58	38.27	37.78	38.33	38.39	38.23	38.31	38.04	36.34	36.29
137	37.56	37.28	36.56	37.37	37.39	37.29	37.32	37.07	35.38	35.33
138	36.50	36.27	35.25	36.38	36.40	36.32	36.34	36.09	34.39	34.35
139	35.46	35.26	33.98	35.39	35.42	35.33	35.42	35.12	33.43	33.39
140	34.46	34.25	32.66	34.40	34.42	34.33	34.46	34.14	32.47	32.42
141	33.41	33.25	31.33	33.38	33.41	33.38	33.48	33.16	31.53	31.46
142	32.38	32.23	30.10	32.34	32.43	32.40	32.52	32.19	30.52	30.50
143	31.36	31.20	28.94	31.24	31.43	31.41	31.57	31.17	29.58	29.50
144	30.31	30.19	27.79	30.11	30.41	30.44	30.58	30.18	28.60	28.54
145	29.30	29.14	26.77	28.87	29.41	29.44	29.64	29.15	27.64	27.56
146	28.24	28.08	25.79	27.58	28.39	28.43	28.65	28.12	26.67	26.62
147	27.20	27.03	24.89	26.21	27.36	27.44	27.65	27.12	25.72	25.65
148	26.17	25.98	24.06	24.80	26.33	26.46	26.67	26.11	24.76	24.69

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CANDELA TABULATION - (Cont.)

149	25.13	24.92	23.23	23.34	25.29	25.44	25.64	25.08	23.78	23.71
150	24.08	23.87	22.42	21.86	24.22	24.42	24.60	24.06	22.81	22.76
151	23.03	22.87	21.61	20.44	23.18	23.42	23.58	23.05	21.82	21.78
152	22.00	21.79	20.85	19.05	22.12	22.41	22.56	22.01	20.84	20.83
153	20.97	20.76	20.04	17.73	21.05	21.39	21.52	20.98	19.86	19.87
154	19.95	19.71	19.25	16.55	19.94	20.37	20.52	19.93	18.91	18.92
155	18.91	18.67	18.45	15.48	18.71	19.37	19.48	18.91	17.94	18.00
156	17.84	17.63	17.55	14.56	17.46	18.34	18.45	17.84	16.98	17.05
157	16.78	16.60	16.60	13.77	16.14	17.27	17.16	16.79	16.04	16.10
158	15.71	15.55	15.61	13.03	14.78	16.09	15.72	15.71	15.09	15.20
159	14.59	14.52	14.55	12.32	13.42	14.74	14.25	14.61	14.16	14.28
160	13.48	13.48	13.46	11.60	12.15	13.28	12.83	13.51	13.27	13.36
161	12.43	12.42	12.42	10.90	11.04	11.80	11.50	12.43	12.37	12.49
162	11.38	11.36	11.43	10.21	10.10	10.50	10.47	11.36	11.50	11.63
163	10.38	10.36	10.41	9.55	9.32	9.43	9.68	10.29	10.65	10.77
164	9.39	9.37	9.45	8.90	8.62	8.69	8.89	9.26	9.83	9.98
165	8.46	8.47	8.55	8.28	7.92	8.00	8.13	8.34	9.05	9.20
166	7.57	7.61	7.73	7.62	7.28	7.37	7.45	7.44	8.31	8.45
167	6.76	6.81	6.99	6.98	6.69	6.75	6.86	6.68	7.60	7.74
168	6.01	6.10	6.33	6.41	6.20	6.17	6.33	6.04	6.93	7.08
169	5.39	5.47	5.78	5.88	5.76	5.66	5.83	5.60	6.31	6.47
170	4.88	4.94	5.26	5.25	5.33	5.20	5.36	5.26	5.72	5.89
171	4.56	4.54	4.72	4.79	4.96	4.83	4.95	4.97	5.20	5.39
172	4.43	4.38	4.36	4.49	4.65	4.59	4.62	4.69	4.79	4.96
173	4.37	4.34	4.33	4.30	4.40	4.43	4.45	4.54	4.49	4.59
174	4.32	4.31	4.30	4.22	4.24	4.33	4.37	4.41	4.29	4.33
175	4.30	4.29	4.27	4.21	4.19	4.25	4.31	4.31	4.18	4.20
176	4.27	4.26	4.25	4.20	4.18	4.19	4.24	4.22	4.16	4.16
177	4.23	4.23	4.21	4.17	4.15	4.15	4.17	4.15	4.15	4.15
178	4.21	4.21	4.20	4.16	4.15	4.14	4.14	4.13	4.14	4.17
179	4.21	4.21	4.21	4.16	4.14	4.14	4.14	4.13	4.15	4.19
180	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20

Vert. Angles Horizontal Angles

	<u>300</u>	<u>315</u>	<u>330</u>	<u>345</u>	<u>360</u>
0	346.86	346.86	346.86	346.86	346.86
1	347.02	348.11	348.11	347.12	348.42
2	347.85	347.85	347.38	347.75	347.80
3	347.18	348.06	348.21	347.44	348.26
4	347.54	347.95	347.49	348.17	347.79
5	347.17	347.64	348.05	347.75	347.95
6	347.07	347.63	346.91	347.37	347.58
7	346.65	347.05	347.32	346.48	347.11
8	346.12	346.73	346.12	346.43	346.63
9	345.80	345.73	346.11	345.79	345.95
10	344.60	345.36	345.17	344.95	345.68
11	344.17	344.35	344.53	344.42	344.63
12	342.29	343.25	343.53	343.10	344.09
13	341.64	342.45	342.42	342.67	342.68
14	340.01	341.14	341.26	341.09	341.93
15	339.16	340.28	339.94	340.08	340.19
16	337.33	338.33	338.83	338.50	339.13
17	336.32	337.27	336.99	337.13	337.50
18	334.59	335.06	335.72	335.28	336.02
19	332.95	333.79	333.56	333.54	334.38

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 16145 LED CORDLIGHTS 50-FT LENGTH 18-2 SJTW ROUND CORD 1600LM MODULE.IES****CANDELA TABULATION - (Cont.)**

20	330.85	331.52	332.18	331.90	332.22
21	329.05	329.88	329.76	329.85	330.63
22	326.99	327.45	327.90	328.00	328.20
23	324.42	325.70	325.79	325.57	326.35
24	322.46	323.12	323.37	323.87	323.71
25	319.77	320.85	321.15	320.88	321.85
26	317.71	318.42	318.46	319.23	319.27
27	315.03	315.83	316.45	316.02	317.00
28	312.40	313.39	313.24	314.21	314.41
29	309.76	310.34	311.06	310.69	311.35
30	306.81	308.06	307.75	308.52	308.86
31	304.01	304.64	305.20	305.20	305.59
32	300.59	302.36	301.99	302.82	303.20
33	298.26	298.67	299.08	299.55	299.77
34	294.47	296.13	295.96	296.64	297.33
35	292.08	292.75	292.74	293.43	293.43
36	288.15	289.84	289.83	290.52	290.93
37	285.75	285.75	286.30	287.66	287.09
38	281.77	281.66	283.45	283.42	284.13
39	278.86	278.40	279.55	279.18	280.33
40	274.97	275.00	276.74	275.81	277.36
41	271.79	271.51	272.79	272.31	273.93
42	268.16	268.03	269.72	268.96	270.59
43	264.68	264.61	265.76	265.35	266.84
44	260.99	261.00	262.53	261.80	263.14
45	257.24	257.36	258.58	258.28	259.86
46	253.76	253.78	255.09	254.66	256.06
47	249.91	249.95	251.34	250.89	252.67
48	246.48	246.37	247.80	247.22	248.71
49	242.63	242.63	243.84	243.59	245.27
50	239.15	238.87	240.10	239.78	241.37
51	235.15	235.02	236.66	236.05	237.67
52	231.30	231.24	232.55	232.30	233.81
53	227.40	227.41	228.95	228.49	229.90
54	223.70	223.49	224.94	224.47	226.19
55	219.70	219.56	220.98	220.64	221.81
56	215.53	215.66	217.12	216.61	218.26
57	211.88	211.78	213.16	212.76	213.93
58	207.67	207.69	209.14	208.77	210.22
59	203.76	203.73	204.92	204.74	205.63
60	199.39	199.63	201.11	200.69	202.18
61	195.60	195.62	196.64	196.64	197.87
62	191.17	191.40	192.83	192.45	193.85
63	187.26	187.38	188.24	188.25	189.57
64	183.05	183.18	184.64	184.19	185.44
65	178.83	178.99	180.00	179.97	181.21
66	174.61	174.82	176.08	175.82	176.93
67	170.28	170.53	171.49	171.54	172.75
68	166.11	166.22	167.52	167.40	168.31
69	161.53	161.99	162.99	163.06	164.24
70	157.62	157.62	158.81	158.76	159.75
71	153.04	153.22	154.43	154.40	155.51
72	149.14	149.01	150.00	150.09	150.93
73	144.56	144.59	145.72	145.72	146.80
74	140.38	140.22	141.34	141.40	142.36
75	135.53	136.02	136.61	137.17	137.58

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 16145 LED CORDLIGHTS 50-FT LENGTH 18-2 SJTW ROUND CORD 1600LM MODULE.IES****CANDELA TABULATION - (Cont.)**

76	130.66	131.73	131.88	132.78	132.79
77	126.41	127.34	127.61	128.39	128.66
78	122.25	123.18	123.40	124.18	124.36
79	117.99	119.01	119.12	120.00	120.09
80	113.92	114.81	115.01	115.73	115.98
81	109.92	110.87	111.02	111.76	111.93
82	105.94	106.92	106.96	107.79	107.87
83	102.20	103.06	103.27	103.90	104.09
84	98.69	99.48	99.63	100.28	100.41
85	95.36	96.12	96.16	96.80	96.83
86	92.18	92.85	92.98	93.49	93.60
87	89.40	89.98	90.11	90.50	90.56
88	86.75	87.39	87.41	87.83	87.81
89	84.38	84.92	84.96	85.31	85.27
90	82.20	82.78	82.84	83.11	83.06
91	80.37	80.86	80.84	81.06	81.00
92	78.69	79.14	79.18	79.32	79.26
93	77.28	77.65	77.64	77.76	77.68
94	75.97	76.43	76.39	76.47	76.35
95	74.86	75.23	75.21	75.22	75.12
96	73.89	74.27	74.25	74.20	74.07
97	72.95	73.30	73.25	73.24	73.09
98	72.04	72.38	72.35	72.28	72.16
99	71.11	71.45	71.41	71.40	71.24
100	70.21	70.56	70.50	70.47	70.32
101	69.26	69.60	69.54	69.51	69.39
102	68.37	68.68	68.63	68.57	68.45
103	67.44	67.77	67.70	67.67	67.55
104	66.51	66.80	66.74	66.73	66.61
105	65.59	65.91	65.83	65.84	65.71
106	64.69	64.98	64.89	64.91	64.76
107	63.75	64.05	63.97	63.94	63.81
108	62.84	63.10	63.03	63.01	62.92
109	61.90	62.18	62.12	62.07	61.99
110	60.97	61.22	61.19	61.14	61.08
111	60.07	60.30	60.25	60.21	60.15
112	59.12	59.38	59.32	59.29	59.21
113	58.22	58.39	58.39	58.33	58.25
114	57.26	57.48	57.46	57.41	57.33
115	56.31	56.52	56.53	56.46	56.39
116	55.37	55.57	55.59	55.52	55.44
117	54.45	54.62	54.63	54.57	54.50
118	53.50	53.70	53.71	53.65	53.55
119	52.57	52.73	52.74	52.69	52.65
120	51.63	51.82	51.81	51.79	51.69
121	50.70	50.85	50.84	50.88	50.75
122	49.77	49.93	49.92	49.90	49.81
123	48.81	48.97	48.97	48.98	48.89
124	47.88	48.04	48.02	48.02	47.91
125	46.91	47.09	47.07	47.11	46.99
126	45.99	46.15	46.14	46.13	46.04
127	45.01	45.23	45.20	45.21	45.10
128	44.08	44.26	44.23	44.25	44.14
129	43.11	43.32	43.29	43.31	43.19
130	42.15	42.37	42.35	42.37	42.24
131	41.16	41.42	41.41	41.43	41.27

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 16145 LED CORDLIGHTS 50-FT LENGTH 18-2 SJTW ROUND CORD 1600LM MODULE.IES****CANDELA TABULATION - (Cont.)**

132	40.20	40.46	40.45	40.44	40.32
133	39.20	39.49	39.48	39.49	39.36
134	38.22	38.52	38.51	38.55	38.38
135	37.25	37.56	37.56	37.56	37.43
136	36.28	36.59	36.61	36.60	36.46
137	35.32	35.61	35.64	35.65	35.49
138	34.31	34.62	34.67	34.69	34.54
139	33.32	33.64	33.71	33.72	33.57
140	32.37	32.65	32.75	32.76	32.62
141	31.41	31.66	31.78	31.79	31.66
142	30.40	30.68	30.81	30.82	30.69
143	29.43	29.71	29.82	29.86	29.73
144	28.45	28.74	28.85	28.91	28.77
145	27.51	27.76	27.90	27.94	27.83
146	26.54	26.81	26.93	27.01	26.86
147	25.59	25.85	25.97	26.05	25.92
148	24.63	24.87	25.00	25.08	24.95
149	23.65	23.92	24.04	24.13	24.00
150	22.68	22.94	23.05	23.17	23.03
151	21.73	21.96	22.10	22.21	22.09
152	20.77	21.01	21.13	21.25	21.12
153	19.80	20.05	20.16	20.29	20.16
154	18.87	19.09	19.22	19.34	19.22
155	17.93	18.17	18.27	18.42	18.26
156	16.98	17.21	17.31	17.47	17.32
157	16.05	16.28	16.38	16.55	16.39
158	15.13	15.37	15.45	15.63	15.48
159	14.23	14.47	14.53	14.71	14.54
160	13.34	13.56	13.63	13.81	13.65
161	12.45	12.70	12.72	12.92	12.75
162	11.61	11.84	11.85	12.03	11.88
163	10.78	10.98	11.00	11.17	11.04
164	9.98	10.17	10.17	10.33	10.21
165	9.21	9.40	9.36	9.53	9.39
166	8.47	8.65	8.61	8.75	8.65
167	7.77	7.92	7.86	7.98	7.91
168	7.11	7.23	7.19	7.25	7.20
169	6.49	6.61	6.55	6.58	6.56
170	5.92	6.01	5.96	5.96	5.94
171	5.40	5.49	5.44	5.42	5.38
172	4.96	5.03	5.00	4.96	4.90
173	4.59	4.64	4.64	4.61	4.55
174	4.32	4.35	4.34	4.32	4.29
175	4.19	4.20	4.19	4.17	4.17
176	4.16	4.16	4.15	4.13	4.15
177	4.16	4.17	4.17	4.15	4.14
178	4.18	4.19	4.20	4.18	4.17
179	4.20	4.21	4.21	4.19	4.19
180	4.20	4.20	4.20	4.20	4.20

IES INDOOR REPORT**PHOTOMETRIC FILENAME : 16145 LED CORDLIGHTS 50-FT LENGTH 18-2 SJTW ROUND CORD 1600LM MODULE.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	129.26	N.A.	8.00
0-30	277.95	N.A.	17.20
0-40	462.68	N.A.	28.60
0-60	864.23	N.A.	53.50
0-80	1194.01	N.A.	73.80
0-90	1303.4	N.A.	80.60
10-90	1270.31	N.A.	78.60
20-40	333.42	N.A.	20.60
20-50	534.93	N.A.	33.10
40-70	582.94	N.A.	36.10
60-80	329.78	N.A.	20.40
70-80	148.38	N.A.	9.20
80-90	109.39	N.A.	6.80
90-110	154.20	N.A.	9.50
90-120	211.21	N.A.	13.10
90-130	254.33	N.A.	15.70
90-150	301.92	N.A.	18.70
90-180	313.45	N.A.	19.40
110-180	159.25	N.A.	9.80
0-180	1616.84	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	33.09
10-20	96.18
20-30	148.69
30-40	184.73
40-50	201.51
50-60	200.04
60-70	181.40
70-80	148.38
80-90	109.39
90-100	83.74
100-110	70.46
110-120	57.01
120-130	43.12
130-140	29.74
140-150	17.85
150-160	8.50
160-170	2.60
170-180	0.43

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 16145 LED CORDLIGHTS 50-FT LENGTH 18-2 SJTW ROUND CORD 1600LM MODULE.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	114	114	114	114	110	110	110	110	100	100	100	92	92	92	84	84	84	81
1	102	96	91	86	97	92	87	83	84	80	76	76	73	71	70	67	65	62
2	91	82	74	68	87	78	71	65	72	66	61	65	61	57	60	56	53	49
3	83	71	62	55	78	68	60	53	62	55	50	57	51	47	52	47	43	40
4	75	62	53	46	71	60	51	45	55	48	42	50	44	39	46	41	37	34
5	69	55	46	39	65	53	44	38	49	41	36	45	38	34	41	36	31	29
6	63	50	40	34	60	48	39	33	44	36	31	40	34	29	37	32	27	25
7	59	45	36	29	56	43	35	29	40	32	27	37	30	26	34	28	24	22
8	54	41	32	26	52	39	31	25	36	29	24	33	27	23	31	25	21	19
9	51	37	29	23	48	36	28	23	33	26	21	31	25	20	28	23	19	17
10	48	34	26	21	45	33	25	20	31	24	19	28	23	18	26	21	17	16

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 16145 LED CORDLIGHTS 50-FT LENGTH 18-2 SJTW ROUND CORD 1600LM MODULE.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

X=2H	Y=2H	21.9	23.3	22.5	23.9	24.7	22.1	23.4	22.7	24.1	24.8
	3H	24.2	25.4	24.8	26.1	26.9	24.4	25.6	25.0	26.3	27.1
	4H	25.2	26.4	25.9	27.1	27.9	25.4	26.6	26.1	27.3	28.1
	6H	26.2	27.3	26.9	28.0	28.8	26.4	27.5	27.1	28.2	29.0
	8H	26.6	27.7	27.3	28.4	29.2	26.9	28.0	27.6	28.7	29.5
	12H	27.1	28.1	27.7	28.8	29.6	27.3	28.4	28.0	29.1	29.9

UGR Viewed Endwise

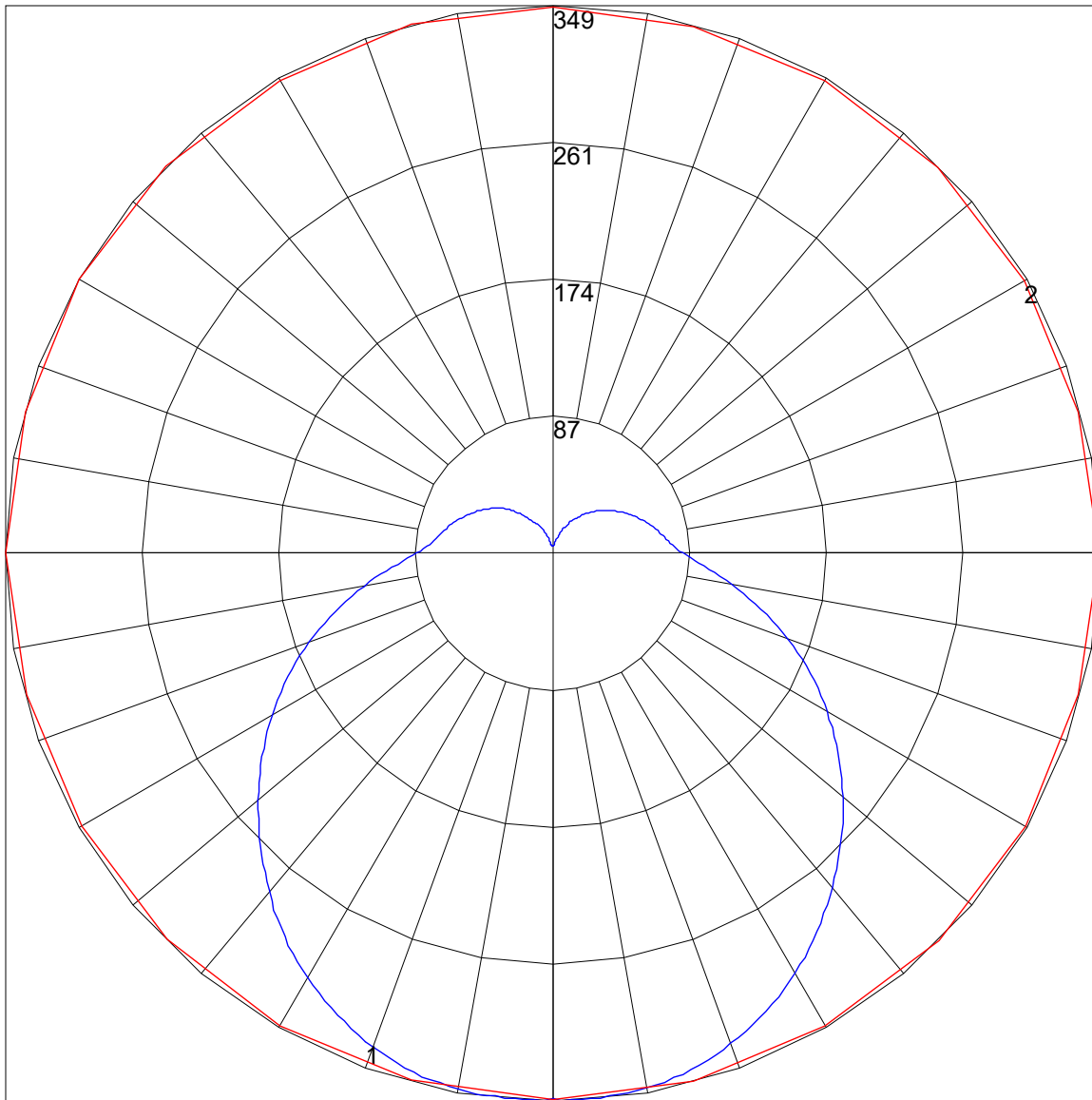
4H	2H	22.6	23.8	23.2	24.4	25.2	22.7	23.9	23.4	24.6	25.4
	3H	25.1	26.1	25.8	26.8	27.6	25.3	26.3	26.0	27.0	27.8
	4H	26.3	27.2	27.0	27.9	28.8	26.5	27.4	27.2	28.1	29.0
	6H	27.4	28.2	28.1	29.0	29.8	27.7	28.5	28.4	29.2	30.1
	8H	27.9	28.7	28.7	29.5	30.3	28.2	29.0	28.9	29.7	30.6
	12H	28.5	29.2	29.2	29.9	30.8	28.8	29.5	29.5	30.2	31.1
8H	4H	26.7	27.5	27.4	28.2	29.1	26.9	27.7	27.6	28.4	29.3
	6H	28.0	28.7	28.8	29.5	30.3	28.3	28.9	29.0	29.7	30.6
	8H	28.7	29.3	29.4	30.1	30.9	28.9	29.6	29.7	30.3	31.2
	12H	29.4	29.9	30.1	30.7	31.6	29.7	30.2	30.4	31.0	31.9
12H	4H	26.8	27.5	27.5	28.3	29.1	27.0	27.7	27.7	28.5	29.3
	6H	28.2	28.8	28.9	29.5	30.4	28.4	29.0	29.2	29.8	30.7
	8H	28.9	29.4	29.7	30.2	31.1	29.2	29.7	29.9	30.5	31.4

Maximum UGR = 31.9

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 16145 LED CORDLIGHTS 50-FT LENGTH 18-2 SJTW ROUND CORD 1600LM MODULE.IES

POLAR GRAPH



Maximum Candela = 348.62 Located At Horizontal Angle = 180, Vertical Angle = 1

1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)