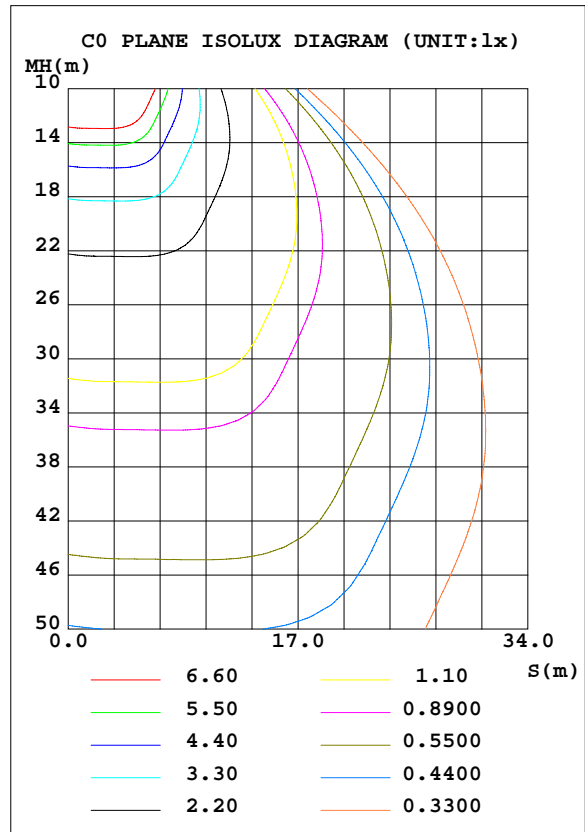
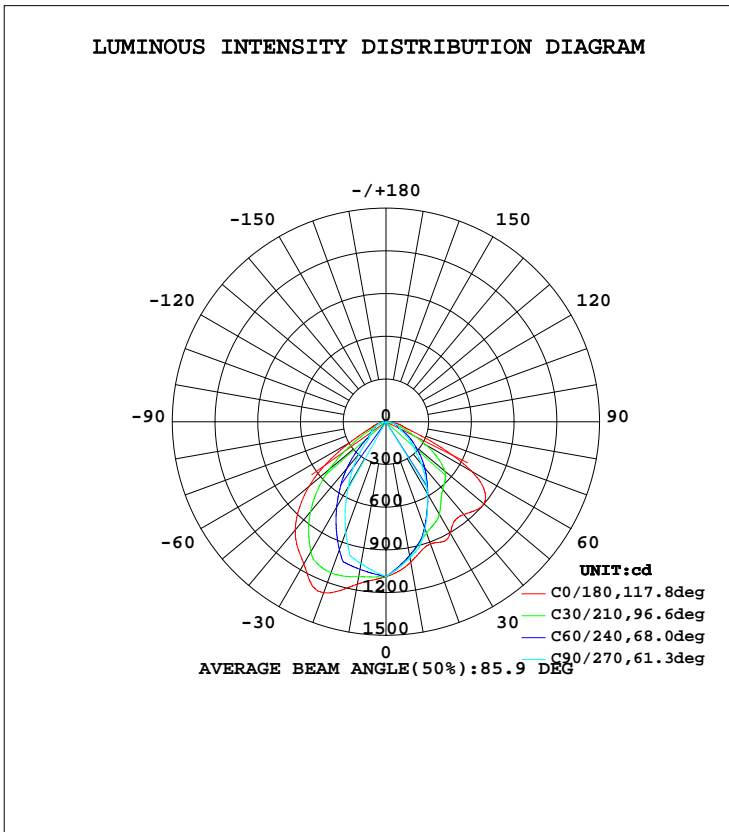


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:11.60V I:1.293A P:15.00W PF:1.000 Lamp Flux:2270x1 lm		
NAME: LED Integrated Solar Light	TYPE:Cool White	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: spark	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 151.36 lm/W			
MODEL	SPWTL002-15	I _{max} (cd)	1282	S/MH(C0/180)	1.23
NOMINAL POWER(W)	14.999	LOR(%)	100.0	S/MH(C90/270)	0.89
RATED VOLTAGE(V)	11.6	TOTAL FLUX(lm)	2270	η UP, DN(C0-180)	0.0, 47.9
NOMINAL FLUX(lm)	2270	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 52.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	11.6	η down(%)	100.0	CIBSE SHR MAX	1.10



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-08-10

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 11.010m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	1117	1082	1050	1038	1053	1023	1029	1066	0- 5	25.50	25.50	1.22,1.22
10	1158	1077	1012	981.8	1001	954.0	969.7	1047	5- 10	74.18	99.68	4.75,4.75
15	1225	1075	973.7	924.2	943.1	881.4	910.8	1035	10- 15	119.3	219.0	10.4,10.4
20	1279	1063	825.1	872.1	912.3	813.9	800.4	1020	15- 20	159.0	377.9	18,18
25	1249	970.3	676.5	771.1	930.8	731.6	690.0	960.9	20- 25	188.9	566.8	27,27
30	1154	860.3	527.9	667.6	903.7	655.1	579.6	887.2	25- 30	207.5	774.3	36.9,36.9
35	1080	745.3	409.9	565.9	846.1	584.4	483.5	809.0	30- 35	214.7	989.0	47.1,47.1
40	992.3	622.4	292.0	465.3	850.5	517.5	387.5	725.4	35- 40	214.5	1204	57.4,57.4
45	862.6	471.1	174.0	360.5	882.5	449.7	291.5	603.7	40- 45	205.3	1409	67.2,67.1
50	705.2	305.2	148.7	246.0	898.2	375.0	235.2	462.8	45- 50	186.3	1595	76,76
55	508.3	140.8	123.3	124.3	844.1	291.7	178.9	314.8	50- 55	160.4	1755	83.7,83.7
60	294.8	111.0	98.01	100.1	691.9	217.1	122.7	223.4	55- 60	125.7	1881	89.7,89.7
65	153.8	79.98	79.76	74.83	427.4	136.9	107.0	142.0	60- 65	87.19	1968	93.8,93.8
70	98.50	55.99	61.51	53.84	194.8	82.30	91.32	91.61	65- 70	56.76	2025	96.5,96.5
75	71.10	40.64	43.26	39.79	122.9	63.53	75.63	70.33	70- 75	39.10	2064	98.4,98.4
80	37.20	22.18	0	22.30	82.33	38.09	0	42.25	75- 80	24.96	2089	99.6,99.6
85	13.22	0	0	0	25.65	0	0	0	80- 85	7.778	2097	100,99.9
90	0.1837	0	0	0	6.875	0	0	0	85- 90	0.7447	2098	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

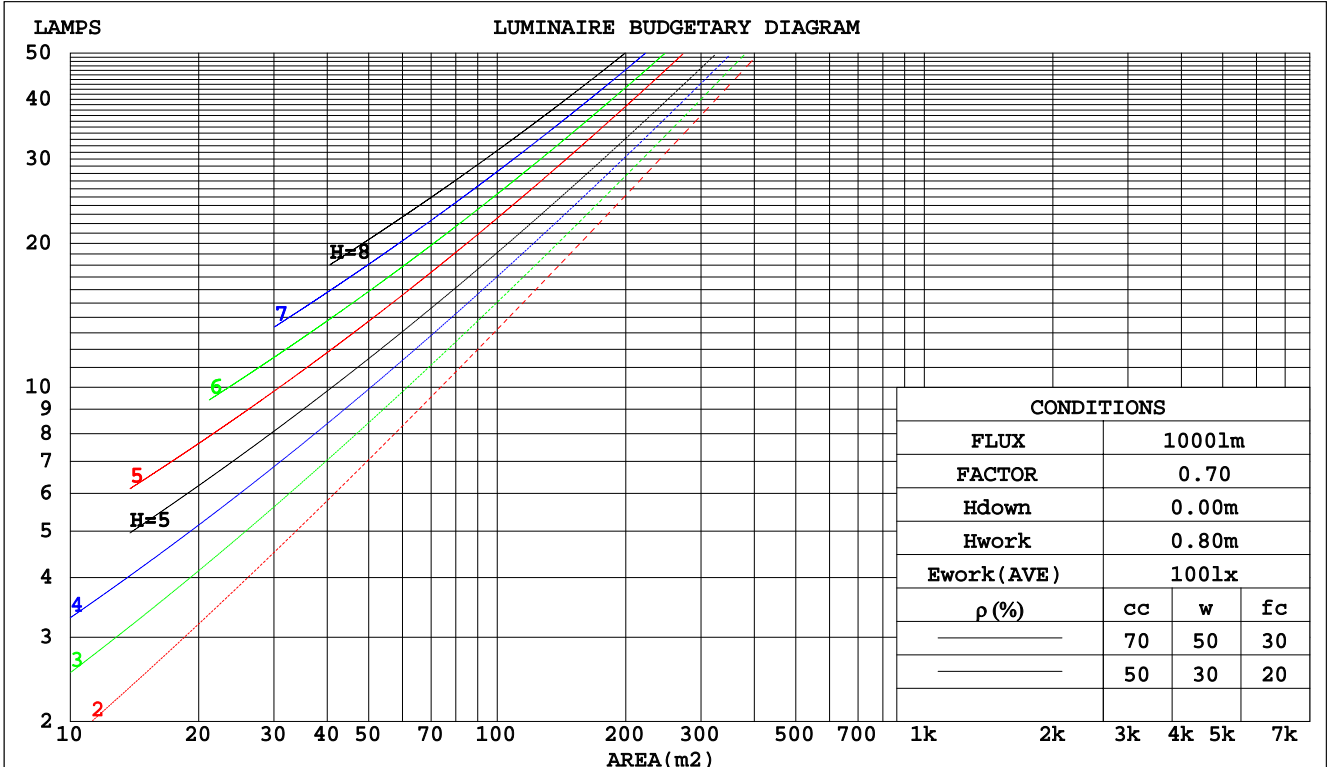
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-08-10

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:11.010m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:11.60V I:1.293A P:15.00W PF:1.000 Lamp Flux:2270x1 lm		
NAME: LED Integrated Solar Light	TYPE:Cool White	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: spark	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.07	1.03	1.00	1.05	1.01	.98	1.00	.98	.95	.97	.94	.93	.93	.91	.90	.88
2.0	.95	.89	.85	.93	.88	.84	.90	.86	.82	.87	.83	.80	.84	.81	.78	.76
3.0	.85	.78	.72	.84	.77	.72	.81	.75	.71	.78	.73	.69	.76	.72	.68	.66
4.0	.77	.69	.63	.75	.68	.63	.73	.67	.62	.71	.65	.61	.69	.64	.60	.58
5.0	.69	.61	.55	.68	.61	.55	.66	.60	.54	.64	.58	.54	.63	.57	.53	.51
6.0	.63	.55	.49	.62	.54	.49	.60	.54	.48	.59	.53	.48	.57	.52	.48	.46
7.0	.58	.50	.44	.57	.49	.44	.55	.49	.44	.54	.48	.43	.53	.47	.43	.41
8.0	.53	.45	.40	.52	.45	.40	.51	.44	.39	.50	.44	.39	.49	.43	.39	.37
9.0	.49	.41	.36	.48	.41	.36	.47	.41	.36	.46	.40	.36	.45	.40	.35	.34
10.0	.45	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.33	.42	.37	.33	.31



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-08-10

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:11.010m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:11.60V I:1.293A P:15.00W PF:1.000 Lamp Flux:2270x1 lm		
NAME: LED Integrated Solar Light	TYPE:Cool White	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: spark	SUR.:	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.253	.144	.046	.246	.141	.045	.233	.134	.043	.221	.128	.041	.210	.122	.039	
2.0	.246	.135	.041	.240	.132	.041	.228	.127	.039	.218	.122	.038	.208	.118	.037	
3.0	.232	.124	.037	.227	.122	.037	.217	.118	.036	.208	.114	.035	.200	.111	.034	
4.0	.218	.114	.033	.214	.112	.033	.205	.109	.032	.197	.106	.032	.189	.103	.031	
5.0	.205	.104	.030	.201	.103	.030	.193	.101	.030	.186	.098	.029	.179	.096	.029	
6.0	.192	.096	.028	.189	.095	.027	.182	.093	.027	.176	.091	.027	.169	.089	.026	
7.0	.181	.089	.025	.178	.089	.025	.172	.087	.025	.166	.085	.025	.160	.083	.024	
8.0	.171	.083	.023	.168	.083	.023	.162	.081	.023	.157	.079	.023	.152	.078	.023	
9.0	.161	.078	.022	.158	.077	.022	.153	.076	.022	.149	.075	.021	.144	.073	.021	
10.0	.152	.073	.020	.150	.072	.020	.146	.071	.020	.141	.070	.020	.137	.069	.020	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.176	.157	.139	.151	.134	.119	.103	.092	.083	.059	.054	.048	.019	.017	.016	
2.0	.166	.132	.104	.142	.114	.090	.097	.079	.062	.056	.046	.037	.018	.015	.012	
3.0	.157	.114	.080	.135	.098	.069	.093	.068	.048	.053	.040	.029	.017	.013	.009	
4.0	.149	.100	.063	.128	.087	.055	.088	.060	.038	.051	.035	.023	.016	.012	.007	
5.0	.142	.090	.051	.122	.077	.044	.084	.054	.031	.049	.032	.019	.016	.010	.006	
6.0	.135	.081	.042	.116	.070	.037	.080	.049	.026	.046	.029	.015	.015	.009	.005	
7.0	.129	.074	.036	.111	.064	.031	.076	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.123	.068	.031	.106	.059	.027	.073	.041	.019	.043	.024	.011	.014	.008	.004	
9.0	.117	.063	.027	.101	.055	.023	.070	.039	.017	.041	.023	.010	.013	.007	.003	
10.0	.112	.059	.024	.096	.051	.021	.067	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-08-10

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:11.010m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:11.60V I:1.293A P:15.00W PF:1.000 Lamp Flux:2270x1 lm										
NAME: LED Integrated Solar Light					TYPE:Cool White			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: spark					SUR.:			PROTECTION ANGLE:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	20.1	21.5	20.4	21.7	21.9	13.6	15.0	13.9	15.2	15.3
3H	20.3	21.6	20.6	21.8	22.0	14.3	15.6	14.6	15.8	16.0
4H	20.4	21.6	20.7	21.8	22.1	14.6	15.8	14.9	16.0	16.3
6H	20.5	21.6	20.8	21.9	22.1	14.6	15.7	15.0	16.0	16.3
8H	20.5	21.6	20.8	21.8	22.1	14.6	15.6	14.9	15.9	16.2
12H	20.5	21.5	20.8	21.8	22.1	14.5	15.6	14.9	15.8	16.1
4H 2H	19.9	21.1	20.2	21.3	21.6	14.1	15.3	14.5	15.6	15.8
3H	20.2	21.2	20.5	21.5	21.8	15.0	16.0	15.4	16.3	16.6
4H	20.3	21.3	20.7	21.6	21.9	15.4	16.4	15.8	16.7	17.0
6H	20.5	21.3	20.9	21.6	22.0	15.5	16.3	15.9	16.6	17.0
8H	20.5	21.3	20.9	21.6	22.0	15.4	16.2	15.8	16.5	16.9
12H	20.5	21.2	20.9	21.6	22.0	15.4	16.1	15.8	16.4	16.8
8H 4H	20.3	21.0	20.7	21.4	21.8	15.6	16.3	16.0	16.7	17.1
6H	20.5	21.1	20.9	21.5	21.9	15.7	16.3	16.1	16.7	17.1
8H	20.5	21.1	21.0	21.5	21.9	15.6	16.2	16.1	16.6	17.0
12H	20.5	21.0	21.0	21.5	21.9	15.6	16.0	16.0	16.5	17.0
12H 4H	20.2	20.9	20.6	21.3	21.7	15.6	16.3	16.0	16.7	17.1
6H	20.4	21.0	20.9	21.4	21.8	15.7	16.2	16.1	16.6	17.1
8H	20.5	21.0	21.0	21.4	21.9	15.6	16.1	16.1	16.5	17.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.6 / - 0.8					+ 1.1 / - 1.4				
1.5H	+ 1.1 / - 2.3					+ 1.7 / - 1.3				
2.0H	+ 2.6 / - 4.8					+ 0.4 / - 1.2				

CIE Pub.117 Corrected 2098 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.6)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-08-10

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:11.010m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:11.60V I:1.293A P:15.00W PF:1.000 Lamp Flux:2270x1 lm		
NAME: LED Integrated Solar Light	TYPE:Cool White	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: spark	SUR.:	PROTECTION ANGLE:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	65	54	48	64	54	48	63	54	48	42
0.80	75	65	58	74	64	58	72	64	58	52
1.00	83	74	67	82	73	67	80	74	66	60
1.25	90	81	75	88	80	74	86	79	74	67
1.50	94	86	80	93	85	80	90	83	79	72
2.00	100	93	88	98	92	87	95	90	85	79
2.50	103	97	92	101	95	91	98	93	89	82
3.00	106	100	96	104	99	95	100	96	92	85
4.00	109	104	101	107	103	99	103	99	97	88
5.00	111	107	104	109	105	102	104	101	99	90
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-08-10

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:11.010m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:11.60V I:1.293A P:15.00W PF:1.000 Lamp Flux:2270x1 lm		
NAME: LED Integrated Solar Light	TYPE:Cool White	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: spark	SUR.:	PROTECTION ANGLE:

Conical surface Flux(90deg):

1525.4 lm

%lum = 67.2%

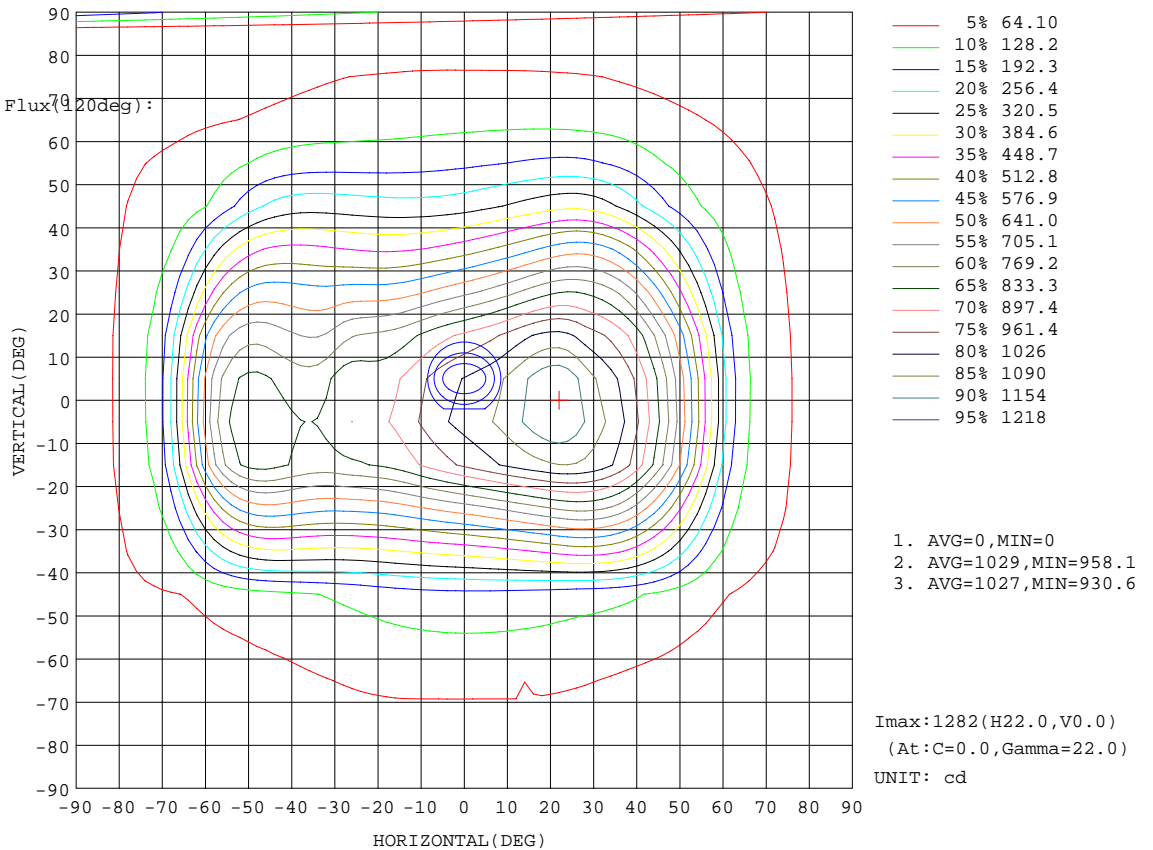
%lamp = 67.1%

Conical surface Flux(70deg):

2036.2 lm

%lum = 89.7%

%lamp = 89.7%

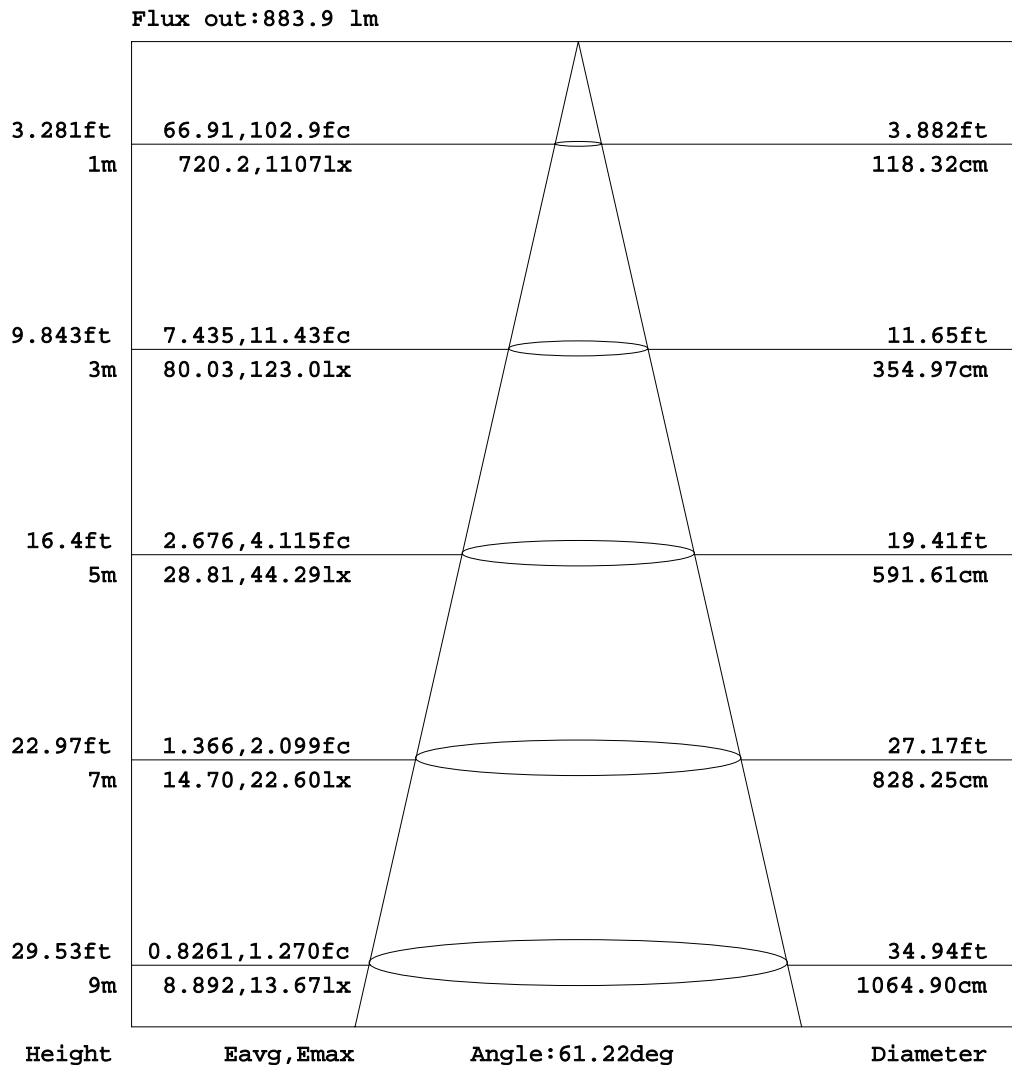


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-08-10

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
Humidity:65.0%
Test Distance:11.010m [K=1.0000]
Remarks:

AAI Figure

Test:U:11.60V I:1.293A P:15.00W PF:1.000 Lamp Flux:2270x1 lm		
NAME: LED Integrated Solar Light	TYPE:Cool White	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: spark	SUR.:	PROTECTION ANGLE:



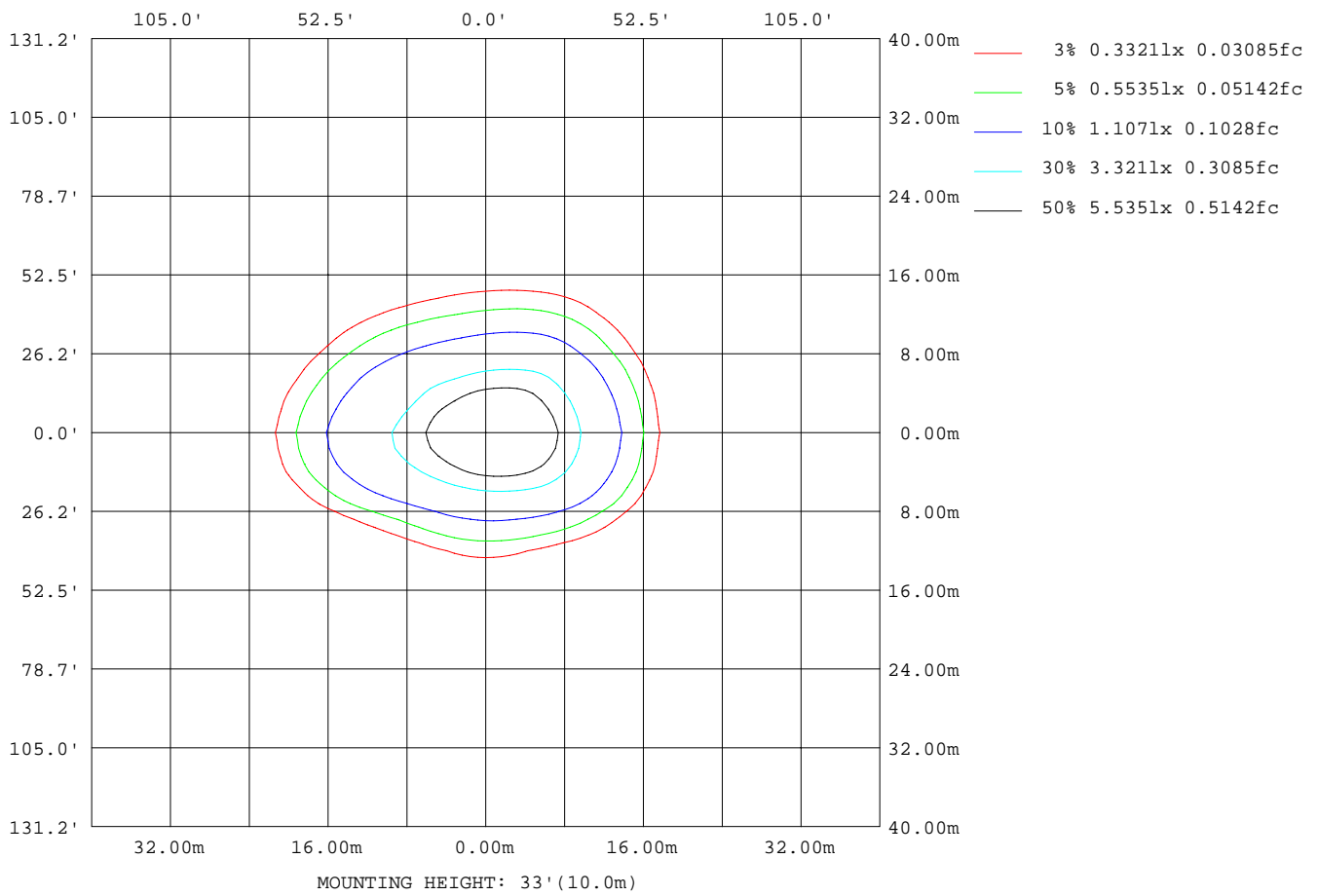
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-08-10

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:11.010m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

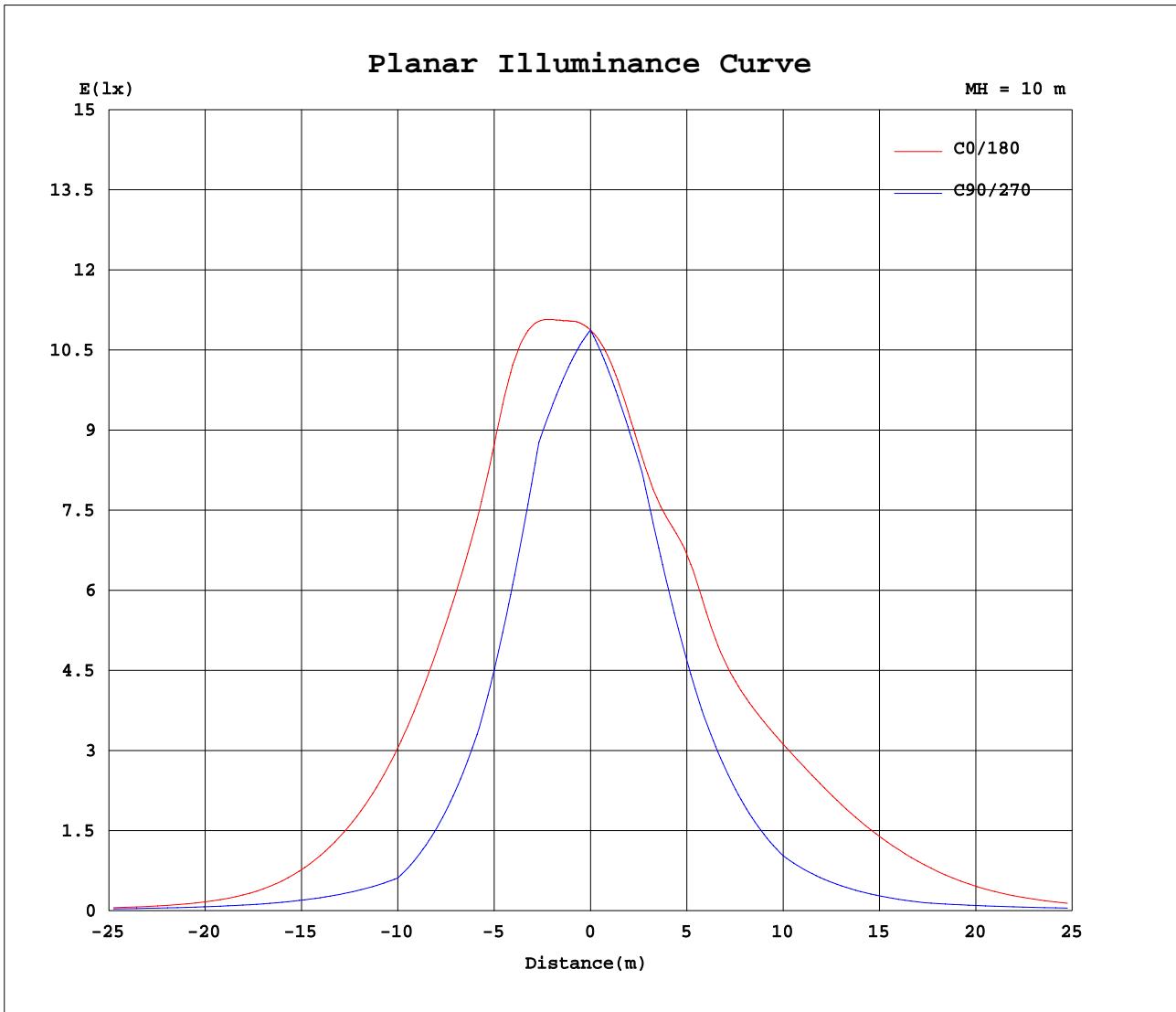
Test:U:11.60V I:1.293A P:15.00W PF:1.000 Lamp Flux:2270x1 lm		
NAME: LED Integrated Solar Light	TYPE:Cool White	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: spark	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-08-10

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:11.010m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-08-10

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity: 65.0%
 Test Distance: 11.010m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:11.60V I:1.293A P:15.00W PF:1.000 Lamp Flux:2270x1 lm		
NAME: LED Integrated Solar Light	TYPE:Cool White	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: spark	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088
5	1117	1113	1110	1106	1102	1098	1094	1090	1086	1082	1078	1074	1070	1066	1062	1059	1055	1052	1050
10	1158	1151	1142	1134	1125	1115	1105	1096	1086	1077	1069	1060	1052	1045	1037	1030	1024	1017	1012
15	1225	1210	1193	1176	1158	1140	1123	1106	1090	1075	1061	1048	1036	1024	1013	1002	992	983	974
20	1279	1255	1230	1204	1179	1154	1129	1105	1083	1063	1033	993	957	924	896	871	852	836	825
25	1249	1226	1204	1184	1161	1137	1112	1085	1026	970	919	871	827	789	755	727	704	688	676
30	1154	1139	1127	1117	1107	1093	1054	988	924	860	800	744	694	649	611	579	555	538	528
35	1080	1068	1060	1055	1052	1016	948	880	813	745	678	614	560	516	480	453	432	418	410
40	992	978	972	974	958	890	824	759	693	622	549	483	428	385	352	326	309	298	292
45	863	847	845	852	797	739	681	622	546	471	400	337	285	245	216	196	183	176	174
50	705	688	689	673	619	569	518	451	379	305	236	175	153	151	150	149	149	149	149
55	508	490	498	466	428	391	341	279	208	141	135	130	127	126	125	124	124	123	123
60	295	282	286	270	249	227	184	121	115	111	107	104	102	101	100	99.2	98.5	98.1	98.0
65	154	148	147	144	133	110	86.1	86.1	83.8	80.0	77.2	76.7	78.3	79.6	80.2	72.8	80.1	79.8	79.8
70	98.5	97.7	95.2	85.9	70.5	63.5	62.6	60.2	56.5	56.0	57.3	59.1	60.8	62.1	62.7	42.2	62.5	61.7	61.5
75	71.1	70.1	66.9	52.0	47.6	45.8	43.9	42.4	41.2	40.6	41.2	42.3	43.5	44.8	45.3	19.2	44.9	43.6	43.3
80	37.2	39.3	32.2	31.5	29.7	28.5	27.7	27.1	26.2	22.2	18.1	14.4	11.1	8.07	5.30	1.45	1.33	0.32	0.00
85	13.2	7.79	10.1	12.9	11.2	5.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-08-10

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:11.010m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:11.60V I:1.293A P:15.00W PF:1.000 Lamp Flux:2270x1 lm		
NAME: LED Integrated Solar Light	TYPE:Cool White	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: spark	SUR.:	PROTECTION ANGLE:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088
5	1043	1039	1036	1032	1030	1027	1025	1023	1022	1021	1021	1021	1022	1023	1024	1026	1029	1031	1035
10	984	977	971	966	962	958	956	954	953	953	953	954	956	958	961	965	970	975	981
15	920	911	902	895	890	886	883	881	881	882	884	887	890	894	898	904	911	919	928
20	882	868	854	842	832	824	818	814	807	798	791	787	785	785	787	793	800	812	826
25	880	857	834	813	796	782	755	732	712	696	685	678	674	673	675	681	690	703	721
30	843	817	795	773	749	717	685	655	628	605	588	575	566	562	563	569	580	595	616
35	781	751	723	698	674	649	618	584	551	522	500	484	474	469	469	474	484	498	519
40	772	732	693	655	620	589	556	518	481	449	423	403	390	381	378	380	387	402	422
45	783	733	678	629	586	549	497	450	409	375	347	324	307	295	288	286	291	304	323
50	781	719	650	593	541	477	423	375	334	299	273	255	242	234	230	231	235	244	258
55	726	647	576	516	446	386	335	292	261	234	213	197	186	179	176	176	179	185	195
60	584	504	443	379	320	270	245	217	190	167	149	137	128	123	121	121	123	126	131
65	361	306	270	222	192	181	161	137	114	99.4	99.1	99.3	100	102	104	105	107	108	110
70	174	158	132	119	116	101	82.3	82.3	82.7	83.1	83.8	84.5	85.8	87.6	89.5	90.6	91.3	92.0	93.0
75	109	95.2	84.7	77.0	67.6	64.4	63.3	63.5	64.8	66.4	68.2	69.8	71.4	73.6	75.4	75.8	75.6	75.5	75.9
80	76.2	65.6	56.6	50.6	46.6	44.7	44.4	38.1	31.0	24.6	18.7	13.2	8.63	4.98	2.26	0.57	0.00	0.56	2.27
85	30.4	29.5	24.9	10.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-08-10

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.287
 Humidity:65.0%
 Test Distance:11.010m [K=1.0000]
 Remarks:

