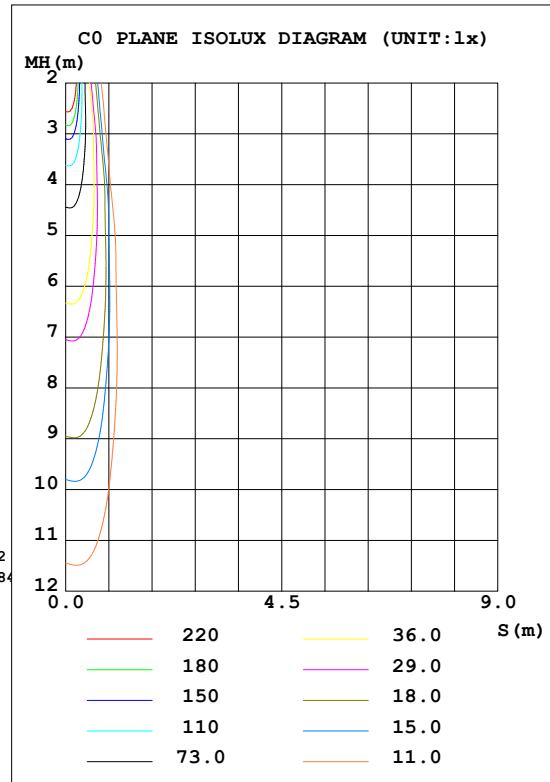
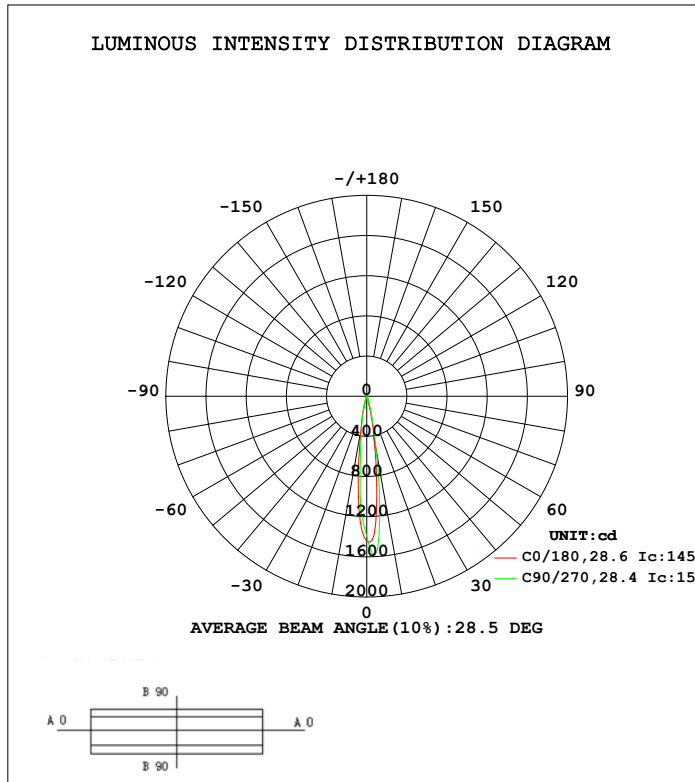


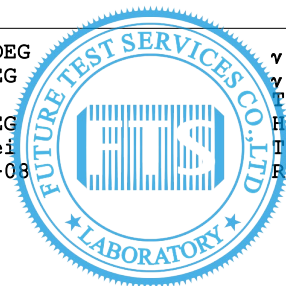
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:3.700V I:0.3416A P:1.263W PF:1.000 Freq:50.00Hz Lamp Flux:144.128x1 lm		
NAME: SolarFlagpole Lights	TYPE:--	WEIGHT:--
SPEC.:JY8-829	DIM.: --	SERIAL No.:FTS20080703L
MFR.:	SUR.:155mm	Shielding Angle:--

DATA OF LAMP		PHOTOMETRIC DATA Eff: 114.12 lm/W			
MODEL	--	I _{max} (cd)	1630	S/MH (C0/180)	0.23
NOMINAL POWER (W)	--	LOR (%)	100.0	S/MH (C90/270)	0.19
RATED VOLTAGE (V)	--	TOTAL FLUX (lm)	144.13	η UP, DN (C0-180)	0.4, 59.5
NOMINAL FLUX (lm)	144.128	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.3, 39.8
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	--	η down (%)	99.3	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.2DEG
 Operator: salah wei
 Test Date: 2020-08-08

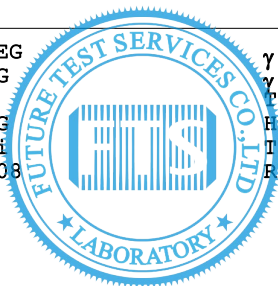


γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.404.7
 Humidity: 61.5%
 Test Distance: 13.339m [K=1.0000]
 Remarks: --

ZONAL FLUX DIAGRAM
ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp	
10	409.1	526.4	551.5	445.9	343.1	310.0	283.0	314.8	0- 10	78.69	78.69	54.6,54.6	
20	55.58	68.21	73.02	62.04	45.78	36.03	32.61	41.55	10- 20	41.37	120.1	83.3,83.3	
30	21.03	27.32	25.51	22.32	15.29	10.68	9.142	12.83	20- 30	14.28	134.3	93.2,93.2	
40	5.185	7.002	6.857	5.459	4.821	3.012	2.184	3.684	30- 40	6.161	140.5	97.5,97.5	
50	2.214	1.480	0.4839	1.499	1.992	0.9320	0.2034	0.9947	40- 50	2.046	142.5	98.9,98.9	
60	0.5761	0.1563	0	0.1930	0.4716	0.0997	0	0.1617	50- 60	0.5525	143.1	99.3,99.3	
70	0.0003	0	0	0	0	0	0	0	60- 70	0.0577	143.2	99.3,99.3	
80	0	0	0	0	0	0	0	0	70- 80	0.0000	143.2	99.3,99.3	
90	0	0	0	0	0	0	0	0	80- 90	0	143.2	99.3,99.3	
100	0	0	0	0	0	0	0	0	90-100	0	143.2	99.3,99.3	
110	0	0	0	0	0	0	0	0	100-110	0	143.2	99.3,99.3	
120	0	0	0	0	0	0	0	0	110-120	0	143.2	99.3,99.3	
130	0	0	0	0	0	0	0	0	120-130	0.0000	143.2	99.3,99.3	
140	0.3747	0.3751	0.4145	0.5378	0.0003	0.0255	0.0242	0.0002	130-140	0.0631	143.2	99.4,99.4	
150	0.6118	0.6371	0.6496	0.6622	0.5507	0.6242	0.6111	0.5873	140-150	0.2820	143.5	99.6,99.6	
160	0.8119	0.7872	0.7754	0.7934	0.8620	0.8742	0.8620	0.8494	150-160	0.3373	143.8	99.8,99.8	
170	0.7496	0.7743	0.7745	0.7369	0.6745	0.6311	0.6372	0.6684	160-170	0.2352	144.1	100,100	
180	0.4372	0.4247	0.4122	0.3998	0.4372	0.4372	0.4247	0.3935	170-180	0.0554	144.1	100,100	
DEG	LUMINOUS INTENSITY:cd										UNIT:lm		

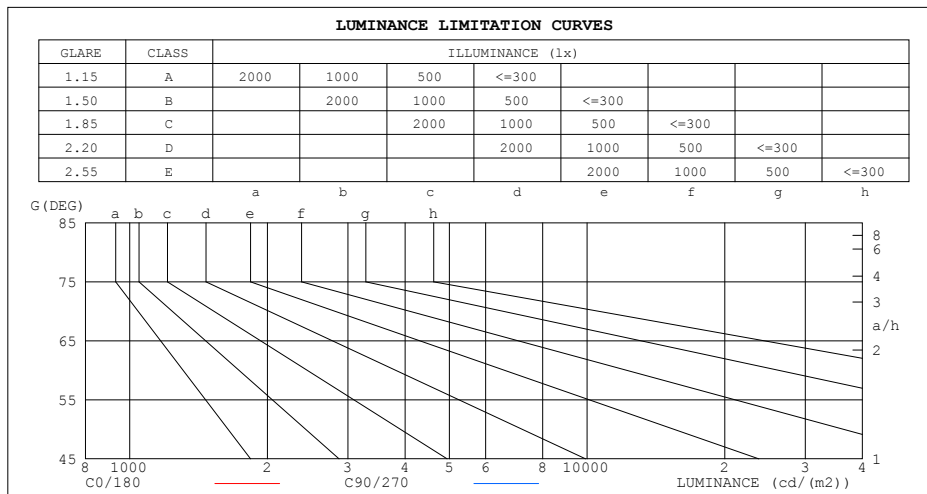
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:salah wei
 Test Date:2020-08-08



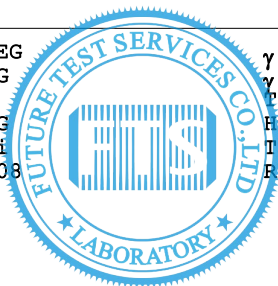
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.404.7
 Humidity:61.5%
 Test Distance:13.339m [K=1.0000]
 Remarks: --

LUMINANCE LIMITATION CURVES

Test:U:3.700V I:0.3416A P:1.263W PF:1.000 Freq:50.00Hz Lamp Flux:144.128x1 lm		
NAME: SolarFlagpole Lights	TYPE:--	WEIGHT:--
SPEC.:JY8-829	DIM.: --	SERIAL No.:FTS20080703L
MFR.:	SUR.:155mm	Shielding Angle:--



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:salah wei
 Test Date:2020-08-08

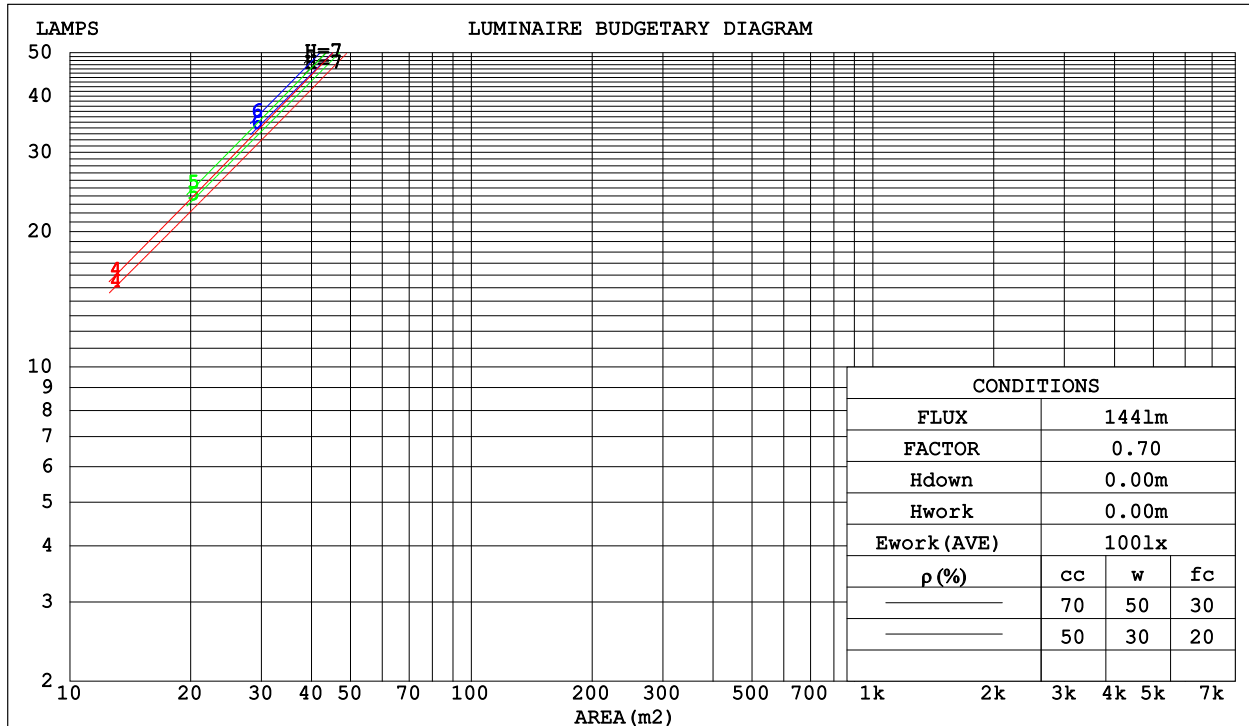


G Range: 0 - 180DEG
 G Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.404.7
 Humidity:61.5%
 Test Distance:13.339m [K=1.0000]
 Remarks: --

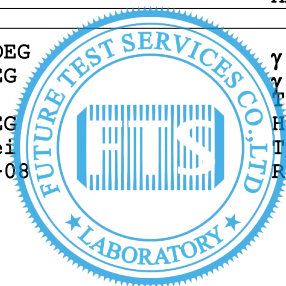
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:3.700V I:0.3416A P:1.263W PF:1.000 Freq:50.00Hz Lamp Flux:144.128x1 lm		
NAME: SolarFlagpole Lights	TYPE:--	WEIGHT:--
SPEC.:JY8-829	DIM.: --	SERIAL No.:FIS20080703L
MFR.:	SUR.:155mm	Shielding Angle:--

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
pwc	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	1.01	1.01	1.01	.99
1.0	1.13	1.12	1.10	1.11	1.10	1.08	1.07	1.06	1.05	1.03	1.02	1.02	.99	.99	.99	.97
2.0	1.09	1.06	1.04	1.07	1.04	1.02	1.04	1.02	1.00	1.01	.99	.98	.98	.97	.96	.94
3.0	1.05	1.01	.99	1.03	1.00	.98	1.01	.98	.96	.98	.96	.95	.96	.95	.93	.92
4.0	1.01	.98	.95	1.00	.97	.94	.98	.95	.93	.96	.94	.92	.94	.93	.91	.90
5.0	.98	.94	.92	.97	.94	.91	.96	.93	.91	.94	.92	.90	.93	.91	.89	.88
6.0	.95	.92	.89	.95	.91	.89	.93	.90	.88	.92	.90	.88	.91	.89	.87	.86
7.0	.93	.89	.87	.92	.89	.87	.91	.88	.86	.90	.88	.86	.89	.87	.85	.84
8.0	.91	.87	.85	.90	.87	.85	.89	.86	.84	.89	.86	.84	.88	.85	.84	.83
9.0	.89	.85	.83	.89	.85	.83	.88	.85	.83	.87	.84	.82	.86	.84	.82	.81
10.0	.87	.84	.81	.87	.83	.81	.86	.83	.81	.85	.83	.81	.85	.82	.81	.80



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operator:salah wei
 Test Date:2020-08-08



γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.404.7
 Humidity:61.5%
 Test Distance:13.339m [K=1.0000]
 Remarks: --

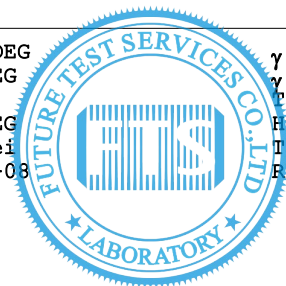
WEC AND CCEC

Test:U:3.700V I:0.3416A P:1.263W PF:1.000 Freq:50.00Hz Lamp Flux:144.128x1 lm		
NAME: SolarFlagpole Lights	TYPE:--	WEIGHT:--
SPEC.:JY8-829	DIM.: --	SERIAL No.:FTS20080703L
MFR.:	SUR.:155mm	Shielding Angle:--

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.126	.072	.023	.119	.068	.022	.106	.061	.019	.095	.055	.018	.084	.049	.016	
2.0	.116	.063	.019	.110	.061	.019	.100	.055	.017	.090	.051	.016	.081	.046	.014	
3.0	.107	.057	.017	.103	.055	.017	.094	.051	.015	.086	.047	.014	.078	.043	.013	
4.0	.100	.052	.015	.096	.050	.015	.088	.047	.014	.082	.044	.013	.075	.041	.012	
5.0	.093	.048	.014	.090	.046	.013	.084	.044	.013	.078	.041	.012	.072	.039	.012	
6.0	.088	.044	.013	.085	.043	.012	.079	.041	.012	.074	.039	.011	.070	.037	.011	
7.0	.083	.041	.012	.080	.040	.011	.076	.038	.011	.071	.037	.011	.067	.035	.010	
8.0	.078	.038	.011	.076	.037	.011	.072	.036	.010	.068	.035	.010	.065	.033	.010	
9.0	.074	.036	.010	.072	.035	.010	.069	.034	.010	.066	.033	.009	.062	.032	.009	
10.0	.071	.034	.009	.069	.033	.009	.066	.032	.009	.063	.031	.009	.060	.030	.009	

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0																
1.0	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021	
2.0	.173	.163	.154	.148	.140	.133	.101	.096	.092	.058	.056	.053	.019	.018	.017	
3.0	.154	.138	.125	.132	.119	.108	.090	.082	.075	.052	.048	.044	.017	.015	.014	
4.0	.138	.118	.103	.119	.102	.089	.081	.071	.062	.047	.041	.037	.015	.013	.012	
5.0	.125	.103	.086	.107	.089	.075	.074	.062	.053	.043	.036	.031	.014	.012	.010	
6.0	.114	.090	.073	.098	.078	.063	.068	.055	.045	.039	.032	.027	.013	.010	.009	
7.0	.105	.080	.063	.090	.070	.055	.062	.049	.039	.036	.029	.023	.012	.009	.008	
8.0	.097	.072	.054	.083	.062	.047	.058	.044	.034	.033	.026	.020	.011	.008	.007	
9.0	.090	.065	.048	.077	.056	.042	.054	.040	.030	.031	.023	.018	.010	.008	.006	
10.0	.084	.059	.042	.072	.051	.037	.050	.036	.026	.029	.021	.016	.009	.007	.005	
10.0	.079	.054	.038	.068	.047	.033	.047	.033	.023	.028	.020	.014	.009	.006	.005	

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:salah wei
 Test Date:2020-08-08



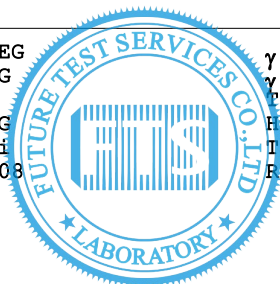
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.404.7
 Humidity:61.5%
 Test Distance:13.339m [K=1.0000]
 Remarks: --

UGR(Unified Glare Rating) Table

Test:U:3.700V I:0.3416A P:1.263W PF:1.000 Freq:50.00Hz Lamp Flux:144.128x1 lm										
NAME: SolarFlagpole Lights					TYPE:--			WEIGHT:--		
SPEC.:JY8-829					DIM.: --			SERIAL No.:FTS20080703L		
MFR.:					SUR.:155mm			Shielding 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	3.2	3.8	3.4	3.9	4.1	3.6	4.1	3.8	4.3	4.4
3H	3.1	3.6	3.3	3.8	4.0	3.4	3.9	3.7	4.1	4.3
4H	3.0	3.5	3.3	3.7	3.9	3.3	3.8	3.6	4.1	4.3
6H	2.9	3.4	3.2	3.6	3.9	3.2	3.7	3.5	4.0	4.2
8H	2.9	3.3	3.2	3.6	3.8	3.2	3.7	3.5	3.9	4.2
12H	2.8	3.3	3.1	3.5	3.8	3.2	3.6	3.5	3.9	4.2
4H 2H	3.0	3.5	3.3	3.7	3.9	3.4	3.9	3.6	4.1	4.3
3H	2.8	3.3	3.1	3.5	3.8	3.2	3.6	3.5	3.9	4.2
4H	2.7	3.1	3.1	3.4	3.7	3.1	3.5	3.4	3.8	4.1
6H	2.6	3.0	3.0	3.3	3.7	3.0	3.3	3.3	3.7	4.0
8H	2.6	2.9	3.0	3.3	3.6	2.9	3.3	3.3	3.6	4.0
12H	2.5	2.8	2.9	3.2	3.6	2.9	3.2	3.3	3.6	4.0
8H 4H	2.6	2.9	3.0	3.3	3.6	2.9	3.3	3.3	3.6	4.0
6H	2.4	2.7	2.9	3.1	3.6	2.8	3.1	3.2	3.5	3.9
8H	2.4	2.6	2.8	3.1	3.5	2.7	3.0	3.2	3.4	3.9
12H	2.3	2.5	2.8	3.0	3.5	2.7	2.9	3.1	3.3	3.8
12H 4H	2.5	2.8	2.9	3.2	3.6	2.9	3.2	3.3	3.6	4.0
6H	2.4	2.6	2.8	3.1	3.5	2.7	3.0	3.2	3.4	3.9
8H	2.3	2.5	2.8	3.0	3.5	2.7	2.9	3.1	3.3	3.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.4 / - 6.8					+ 3.1 / -65.8				
1.5H	+ 3.1 / - 5.5					+ 5.3 / -15.9				
2.0H	+ 4.7 / -12.2					+ 6.9 / - 1.5				

CIE Pub.117, 144.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -6.7)

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 10.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.404.7
Temperature:25.2DEG	Humidity:61.5%
Operators:salah wei	Test Distance:13.339m [K=1.0000]
Test Date:2020-08-08	Remarks: --

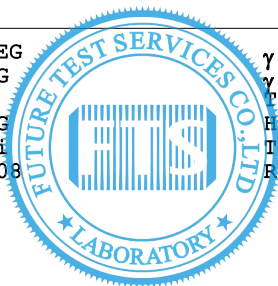


UTILIZATION FACTORS TABLE

Test:U:3.700V I:0.3416A P:1.263W PF:1.000 Freq:50.00Hz Lamp Flux:144.128x1 lm		
NAME: SolarFlagpole Lights	TYPE:--	WEIGHT:--
SPEC.:JY8-829	DIM.: --	SERIAL No.:FTS20080703L
MFR.:	SUR.:155mm	Shielding 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	90	84	81	89	84	81	89	84	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	93	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	95	91
1.50	107	103	100	106	102	99	104	100	98	94
2.00	109	106	103	108	104	102	105	102	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	110	108	105	107	105	103	97
4.00	114	112	110	112	110	108	108	107	105	98
5.00	115	113	112	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

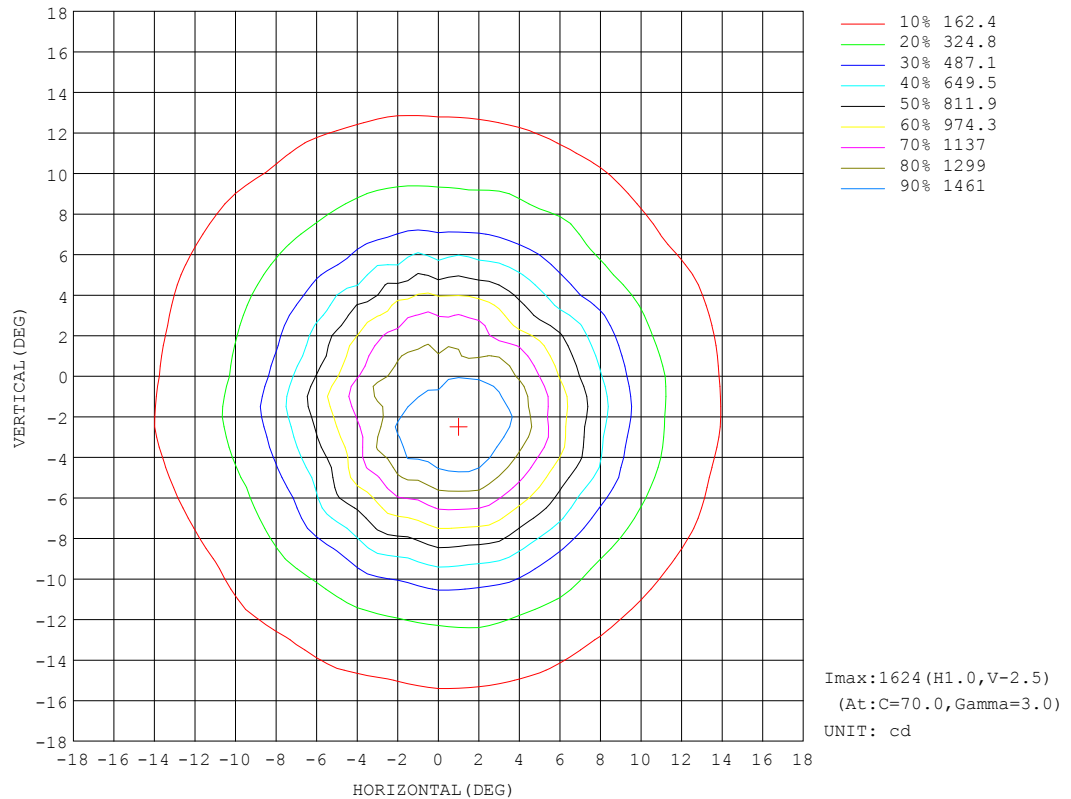
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:salah wei
 Test Date:2020-08-08



γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.404.7
 Humidity:61.5%
 Test Distance:13.339m [K=1.0000]
 Remarks: --

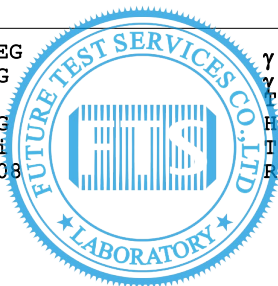
ISOCANDELA DIAGRAM

Test:U:3.700V I:0.3416A P:1.263W PF:1.000 Freq:50.00Hz Lamp Flux:144.128x1 lm		
NAME: SolarFlagpole Lights	TYPE:--	WEIGHT:--
SPEC.:JY8-829	DIM.: --	SERIAL No.:FTS20080703L
MFR.:	SUR.:155mm	Shielding Angle:--



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:salah wei
 Test Date:2020-08-08

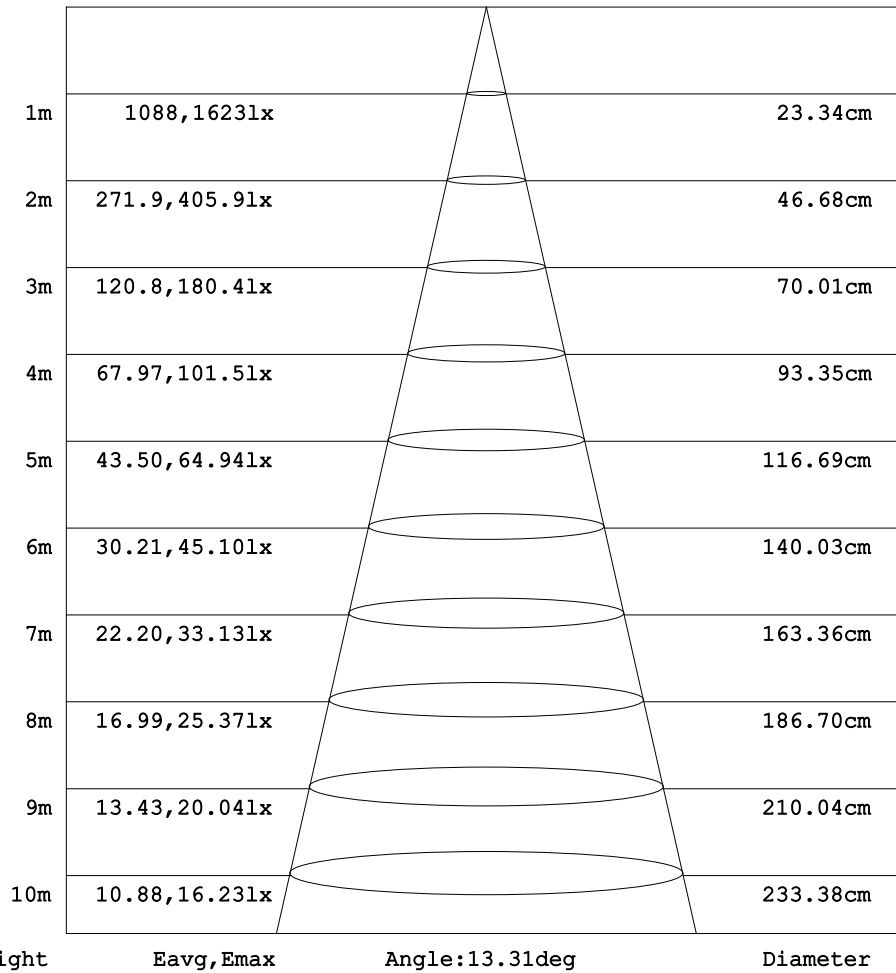
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.404.7
 Humidity:61.5%
 Test Distance:13.339m [K=1.0000]
 Remarks: --



AAI Figure

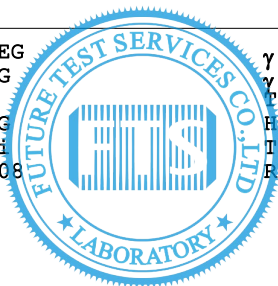
Test:U:3.700V I:0.3416A P:1.263W PF:1.000 Freq:50.00Hz Lamp Flux:144.128x1 lm		
NAME: SolarFlagpole Lights	TYPE:--	WEIGHT:--
SPEC.:JY8-829	DIM.: --	SERIAL No.:FTS20080703L
MFR.:	SUR.:155mm	Shielding Angle:--

Flux out:51.51 lm



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

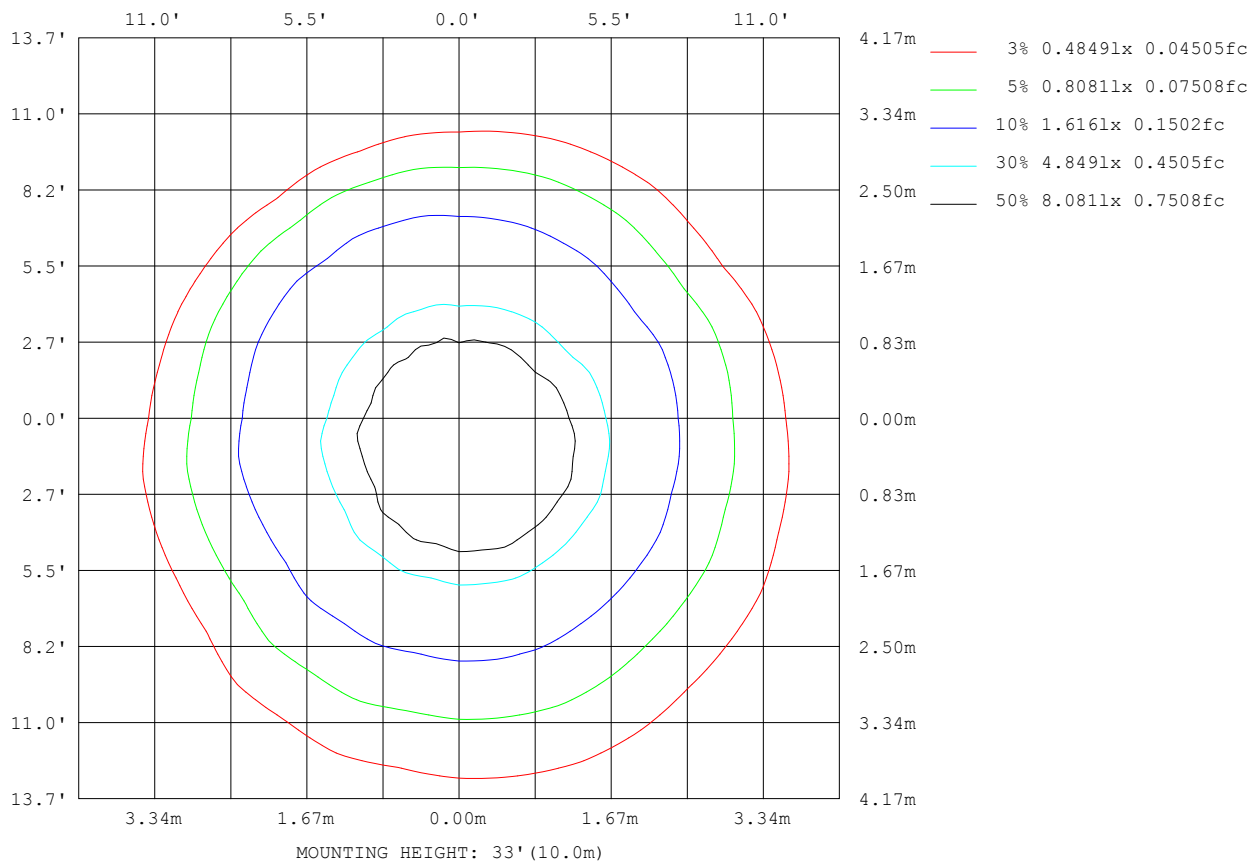
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:salah wei
 Test Date:2020-08-08



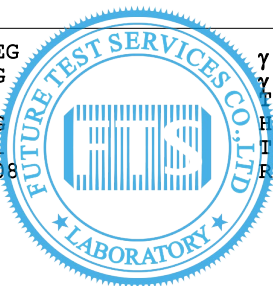
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.404.7
 Humidity:61.5%
 Test Distance:13.339m [K=1.0000]
 Remarks: --

ISOLUX DIAGRAM

Test:U:3.700V I:0.3416A P:1.263W PF:1.000 Freq:50.00Hz Lamp Flux:144.128x1 lm		
NAME: SolarFlagpole Lights	TYPE:--	WEIGHT:--
SPEC.:JY8-829	DIM.: --	SERIAL No.:FTS20080703L
MFR.:	SUR.:155mm	Shielding Angle:--

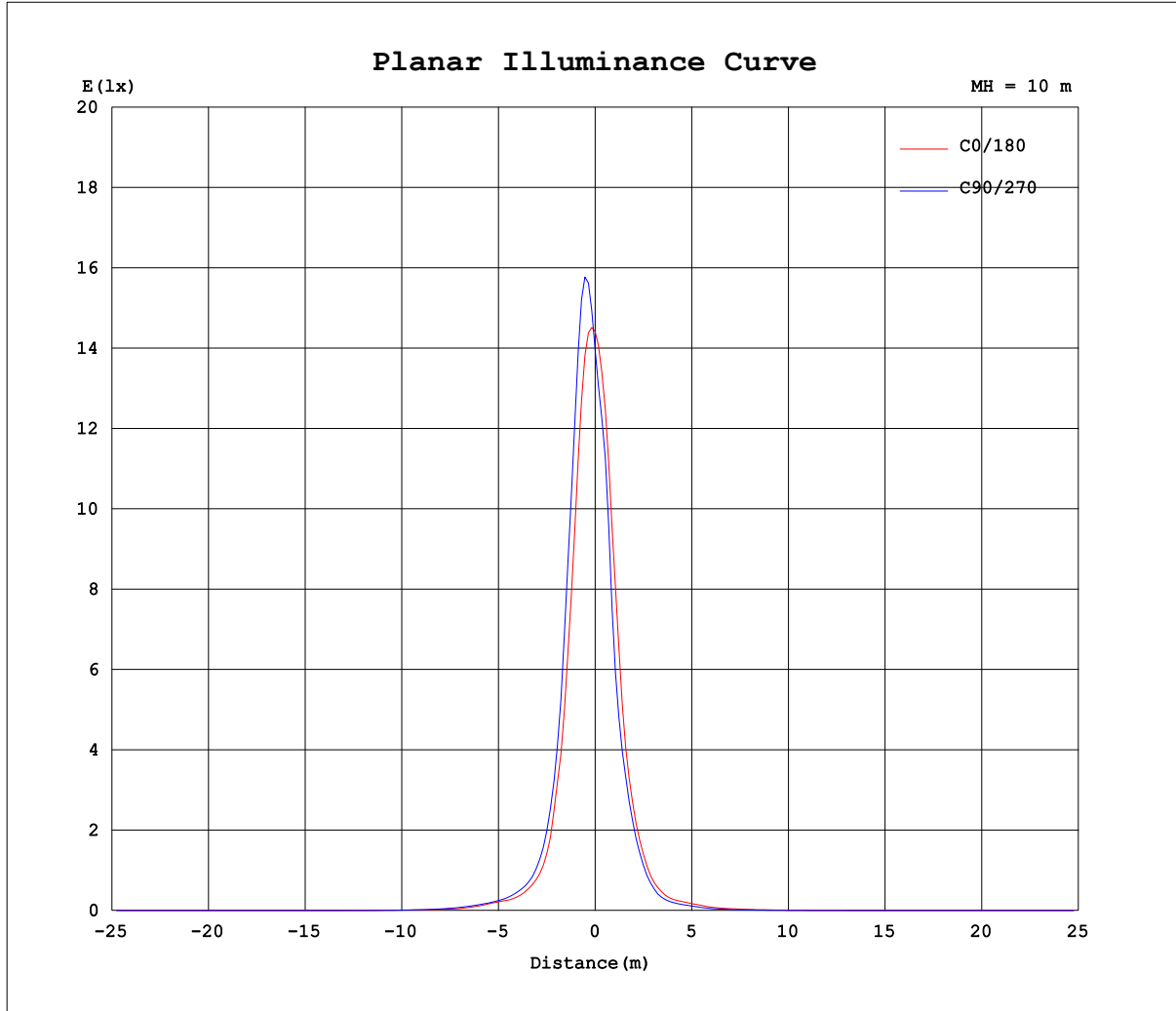


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operator:salah wei
 Test Date:2020-08-08

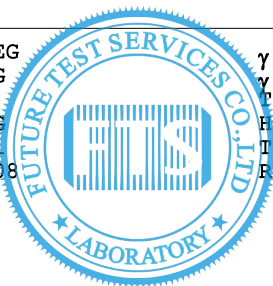


γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.404.7
 Humidity:61.5%
 Test Distance:13.339m [K=1.0000]
 Remarks: --

Planar Illuminance Curve



C Range: 0 - 360DEG γ Range: 0 - 180DEG
 C Interval: 10.0DEG γ Interval: 1.0DEG
 Test Speed: HIGH Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.404.7
 Temperature: 25.2DEG Humidity: 61.5%
 Operators: salah wei Test Distance: 13.339m [K=1.0000]
 Test Date: 2020-08-08 Remarks: --



LUMINOUS DISTRIBUTION INTENSITY DATA

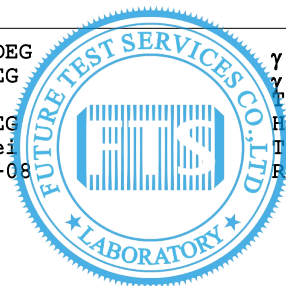
Test:U:3.700V I:0.3416A P:1.263W PF:1.000 Freq:50.00Hz Lamp Flux:144.128x1 lm		
NAME: SolarFlagpole Lights	TYPE:--	WEIGHT:--
SPEC.:JY8-829	DIM.: --	SERIAL No.:FTS20080703L
MFR.:	SUR.:155mm	Shielding Angle:--

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1441	1449	1455	1465	1461	1416	1461	1447	1445	1396	1388	1434	1414	1444	1359	1355	1442	1478	1441
5	1134	1220	1260	1353	1373	1400	1439	1467	1433	1405	1335	1369	1265	1261	1106	1068	1061	1061	965
10	409	449	462	511	515	538	556	580	556	552	512	529	478	479	413	397	385	383	343
15	125	133	136	148	151	158	165	177	178	175	165	170	157	158	139	135	137	138	124
20	55.6	59.8	62.2	66.7	67.4	69.0	72.8	75.1	74.0	73.0	70.0	72.2	67.3	66.7	57.4	54.4	53.1	51.9	45.8
25	33.0	35.1	36.6	38.7	39.8	39.8	42.2	43.0	41.7	40.2	38.4	39.1	36.4	35.5	31.4	30.5	30.9	30.4	27.7
30	21.0	23.5	25.2	27.4	27.3	27.3	28.7	28.8	27.0	25.5	25.0	26.5	24.9	22.9	21.8	20.0	19.4	18.2	15.3
35	9.13	10.3	11.9	13.3	14.0	14.1	14.9	15.4	14.9	14.3	13.5	13.6	12.4	11.6	9.63	9.07	9.71	9.36	8.43
40	5.18	5.51	5.76	6.18	6.91	7.10	7.53	7.61	7.28	6.86	6.51	6.59	5.94	5.82	5.10	5.05	5.27	5.38	4.82
45	3.28	3.52	3.54	3.63	3.33	3.42	3.45	3.10	2.61	2.54	2.63	2.89	2.85	2.90	2.84	2.90	3.04	3.23	2.98
50	2.21	2.30	2.32	2.21	1.73	1.23	1.21	0.82	0.52	0.48	0.68	1.02	1.18	1.38	1.62	1.74	1.90	2.11	1.99
55	1.23	1.26	1.11	0.93	0.78	0.50	0.34	0.16	0.09	0.05	0.10	0.29	0.43	0.62	0.69	0.85	0.99	1.09	1.07
60	0.58	0.50	0.40	0.32	0.23	0.09	0.03	0.00	0.00	0.00	0.00	0.00	0.05	0.16	0.23	0.26	0.41	0.48	0.47
65	0.19	0.15	0.10	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.09	0.12	0.11
70	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
75	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
80	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
85	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
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
95	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
100	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
105	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
110	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
115	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
120	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
125	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
130	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
135	0.12	0.13	0.10	0.11	0.10	0.08	0.07	0.09	0.06	0.09	0.10	0.13	0.14	0.19	0.19	0.23	0.28	0.33	0.00
140	0.37	0.38	0.36	0.39	0.39	0.36	0.39	0.40	0.39	0.41	0.42	0.48	0.49	0.53	0.55	0.58	0.66	0.70	0.00
145	0.54	0.55	0.56	0.61	0.61	0.59	0.64	0.65	0.64	0.66	0.65	0.69	0.70	0.72	0.71	0.69	0.79	0.79	0.23
150	0.61	0.64	0.64	0.65	0.66	0.61	0.66	0.66	0.65	0.65	0.65	0.65	0.66	0.67	0.65	0.62	0.71	0.71	0.55
155	0.70	0.72	0.70	0.72	0.70	0.65	0.69	0.70	0.66	0.66	0.64	0.67	0.67	0.70	0.65	0.66	0.74	0.77	0.76
160	0.81	0.83	0.81	0.82	0.81	0.76	0.81	0.80	0.79	0.78	0.75	0.81	0.80	0.83	0.76	0.75	0.86	0.87	0.86
165	0.85	0.86	0.86	0.87	0.87	0.82	0.87	0.87	0.86	0.84	0.81	0.85	0.85	0.86	0.80	0.77	0.87	0.87	0.85
170	0.75	0.74	0.77	0.77	0.81	0.74	0.82	0.80	0.80	0.77	0.75	0.75	0.76	0.76	0.71	0.66	0.77	0.71	0.67
175	0.55	0.54	0.58	0.59	0.64	0.55	0.64	0.62	0.62	0.56	0.55	0.52	0.54	0.56	0.54	0.51	0.59	0.50	0.47
180	0.44	0.42	0.41	0.41	0.44	0.41	0.44	0.40	0.41	0.41	0.40	0.37	0.36	0.41	0.39	0.35	0.40	0.41	0.44

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:salah wei
 Test Date:2020-08-08



γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.404.7
 Humidity:61.5%
 Test Distance:13.339m [K=1.0000]
 Remarks: --

LUMINOUS DISTRIBUTION INTENSITY DATA

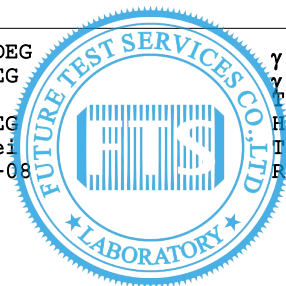
Test:U:3.700V I:0.3416A P:1.263W PF:1.000 Freq:50.00Hz Lamp Flux:144.128x1 lm		
NAME: SolarFlagpole Lights	TYPE:--	WEIGHT:--
SPEC.:JY8-829	DIM.: --	SERIAL No.:FTS20080703L
MFR.:	SUR.:155mm	Shielding Angle:--

Table--2

UNIT: cd

C (DEG) \ γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	1449	1455	1465	1461	1416	1461	1447	1445	1396	1388	1434	1414	1444	1359	1355	1442	1478		
5	913	915	867	877	789	858	781	847	762	819	821	870	889	887	901	1020	1077		
10	333	327	322	315	305	305	305	298	283	284	304	298	323	307	322	358	379		
15	119	120	116	114	104	107	101	102	97.5	99.7	103	105	107	106	106	120	123		
20	42.5	40.9	39.4	37.7	34.4	35.0	34.0	33.7	32.6	33.9	36.6	38.4	41.2	41.9	43.9	49.8	52.9		
25	27.1	27.0	25.2	23.2	20.5	20.8	19.6	19.4	18.5	18.3	20.3	21.7	23.8	25.0	27.0	29.5	31.7		
30	13.9	13.0	11.7	11.5	9.90	9.87	9.41	9.48	9.14	9.39	10.4	11.1	12.3	13.4	14.2	17.6	19.6		
35	7.83	7.50	6.84	6.12	5.45	5.27	4.91	4.56	4.55	4.72	5.26	5.56	6.23	6.64	7.22	8.34	8.77		
40	4.52	4.20	3.74	3.20	2.83	2.79	2.48	2.26	2.18	2.39	2.84	3.07	3.67	3.70	3.93	4.48	4.75		
45	2.83	2.64	2.30	1.98	1.51	1.47	1.18	1.02	0.99	1.02	1.28	1.60	1.94	2.10	2.24	2.77	3.19		
50	1.85	1.66	1.34	1.07	0.79	0.60	0.47	0.31	0.20	0.30	0.52	0.66	0.98	1.01	1.45	1.89	2.14		
55	1.01	0.84	0.65	0.46	0.31	0.22	0.13	0.01	0.01	0.01	0.18	0.30	0.43	0.52	0.73	0.95	1.19		
60	0.43	0.35	0.25	0.15	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.14	0.19	0.31	0.41	0.54		
65	0.10	0.07	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.14	0.21		
70	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		
75	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		
80	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		
85	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		
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		
95	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		
100	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		
105	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		
110	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		
115	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		
120	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		
125	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		
130	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		
135	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		
140	0.00	0.00	0.01	0.03	0.02	0.05	0.04	0.04	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00		
145	0.25	0.29	0.31	0.33	0.32	0.35	0.36	0.35	0.32	0.31	0.34	0.31	0.29	0.25	0.21	0.23	0.22		
150	0.55	0.60	0.60	0.62	0.62	0.65	0.65	0.65	0.61	0.60	0.62	0.61	0.62	0.55	0.52	0.54	0.56		
155	0.76	0.79	0.80	0.81	0.79	0.80	0.82	0.82	0.79	0.76	0.81	0.78	0.81	0.72	0.71	0.73	0.79		
160	0.85	0.89	0.90	0.87	0.87	0.87	0.89	0.90	0.86	0.85	0.90	0.85	0.89	0.81	0.81	0.84	0.89		
165	0.86	0.85	0.86	0.84	0.82	0.82	0.85	0.86	0.85	0.79	0.89	0.82	0.89	0.80	0.84	0.85	0.94		
170	0.69	0.65	0.67	0.62	0.64	0.62	0.65	0.62	0.64	0.60	0.69	0.66	0.70	0.64	0.69	0.69	0.80		
175	0.46	0.47	0.50	0.46	0.42	0.40	0.45	0.42	0.42	0.39	0.47	0.44	0.47	0.41	0.45	0.51	0.57		
180	0.42	0.41	0.42	0.44	0.44	0.42	0.44	0.41	0.42	0.41	0.39	0.34	0.41	0.37	0.37	0.36	0.41		

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:salah wei
 Test Date:2020-08-08



γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.404.7
 Humidity:61.5%
 Test Distance:13.339m [K=1.0000]
 Remarks: --