

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

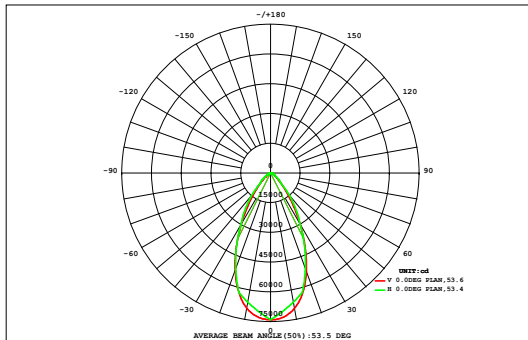
Maximum Intensity		1116.9 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	91.3V x 90.2H
	At 50% of Imax	53.4V x 53.6H
	At 90% of Imax	18.8V x 24.6H
Beam Flux	Total	997.6 lumens per klm.
	To 10% of Imax	890.6 lumens per klm.
	To 50% of Imax	541.5 lumens per klm.
	To 90% of Imax	98.9 lumens per klm.
Upward LOR		0.0 %
Downward LOR		99.8 %
Luminaire Efficiency(Light Output Ratio)		99.8 %

C Range: 0 - 90DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:02 January 2020

γ Range:-75 - 75DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

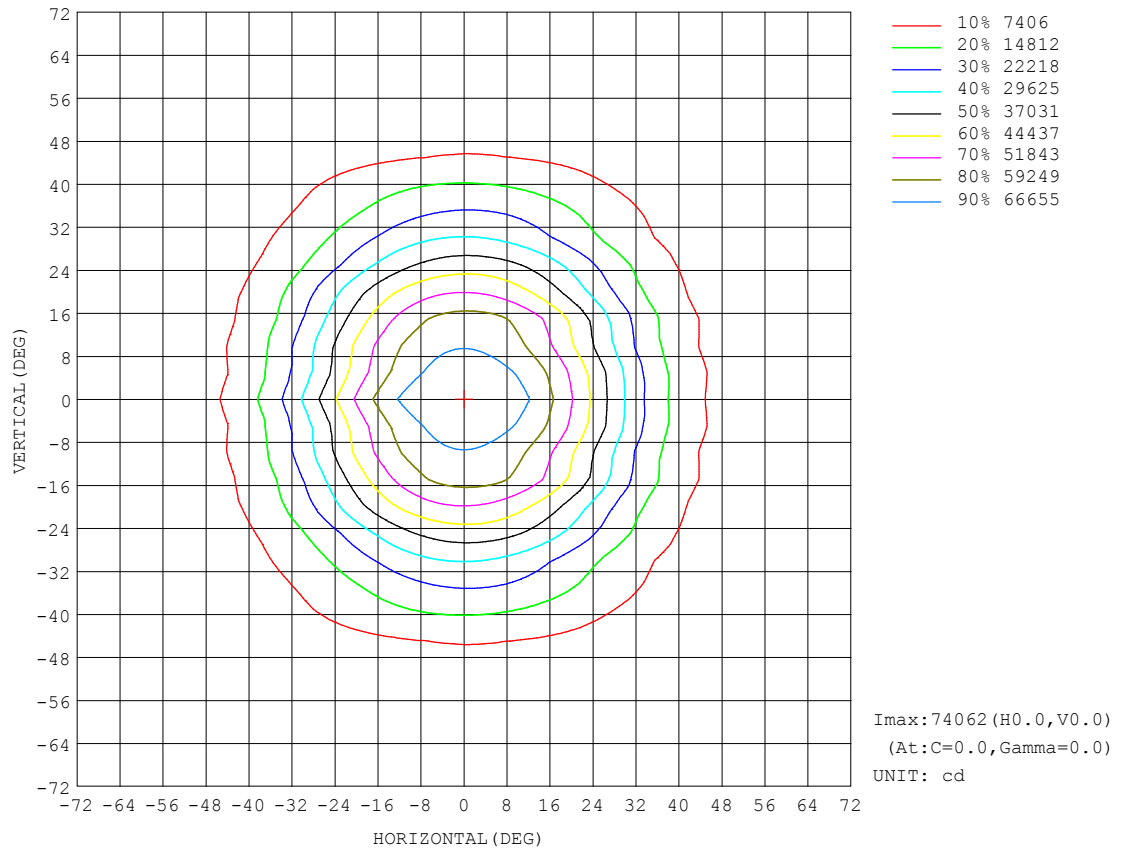
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:244.15V I:1.7442A P:403.67W PF:0.9479 Freq:50.00Hz Lamp Flux:66307.9x1 lm		
NAME: HL-SP06-400W-60°	TYPE:0	
MFR.: EVERFINE		



ISOCANDELA DIAGRAM

Test:U:244.15V I:1.7442A P:403.67W PF:0.9479 Freq:50.00Hz Lamp Flux:66307.9x1 lm		
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MFR.: EVERFINE		

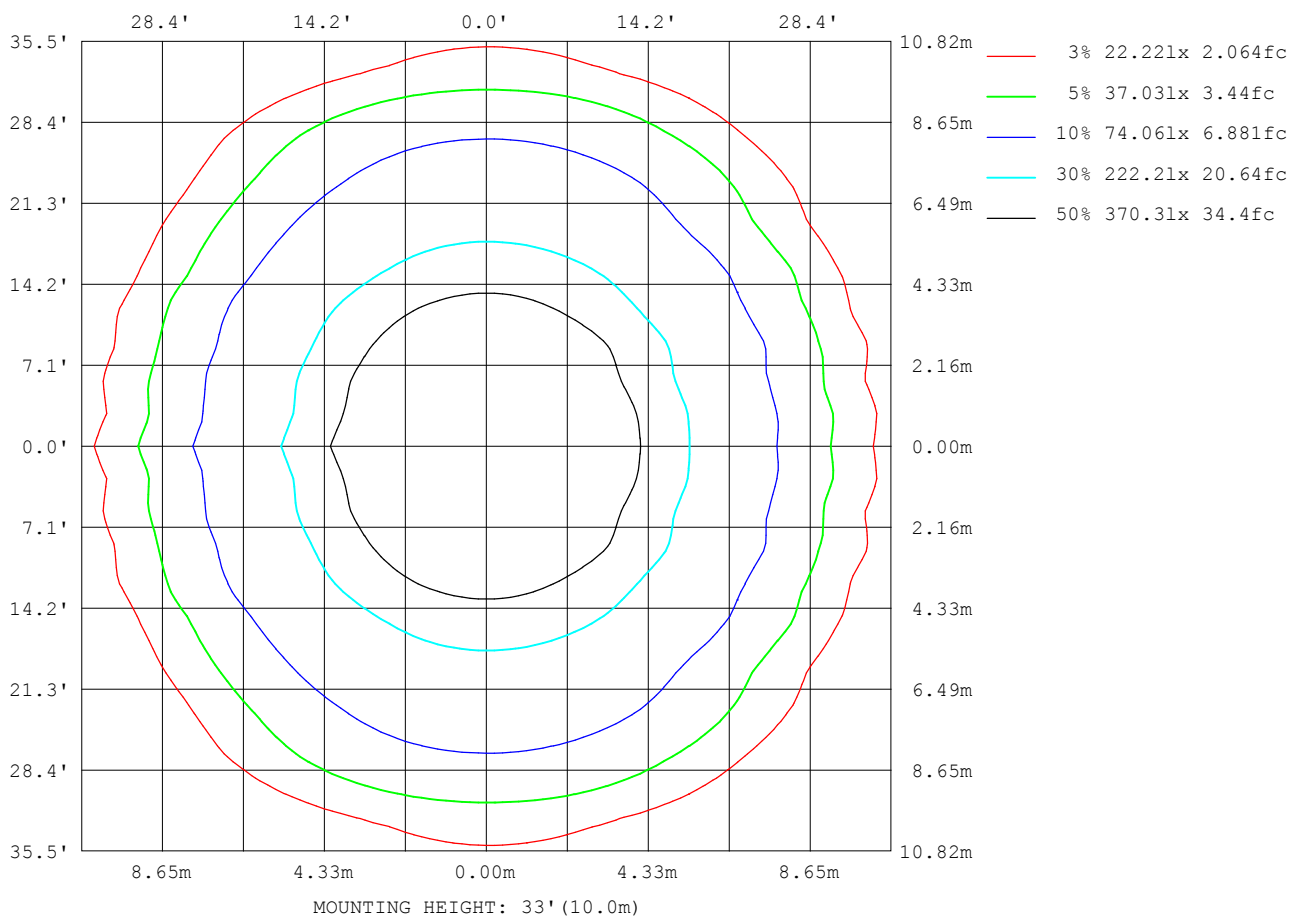


C Range: 0 - 90DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: C
 Test Date: 02 January 2020

γ Range: -75 - 75DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

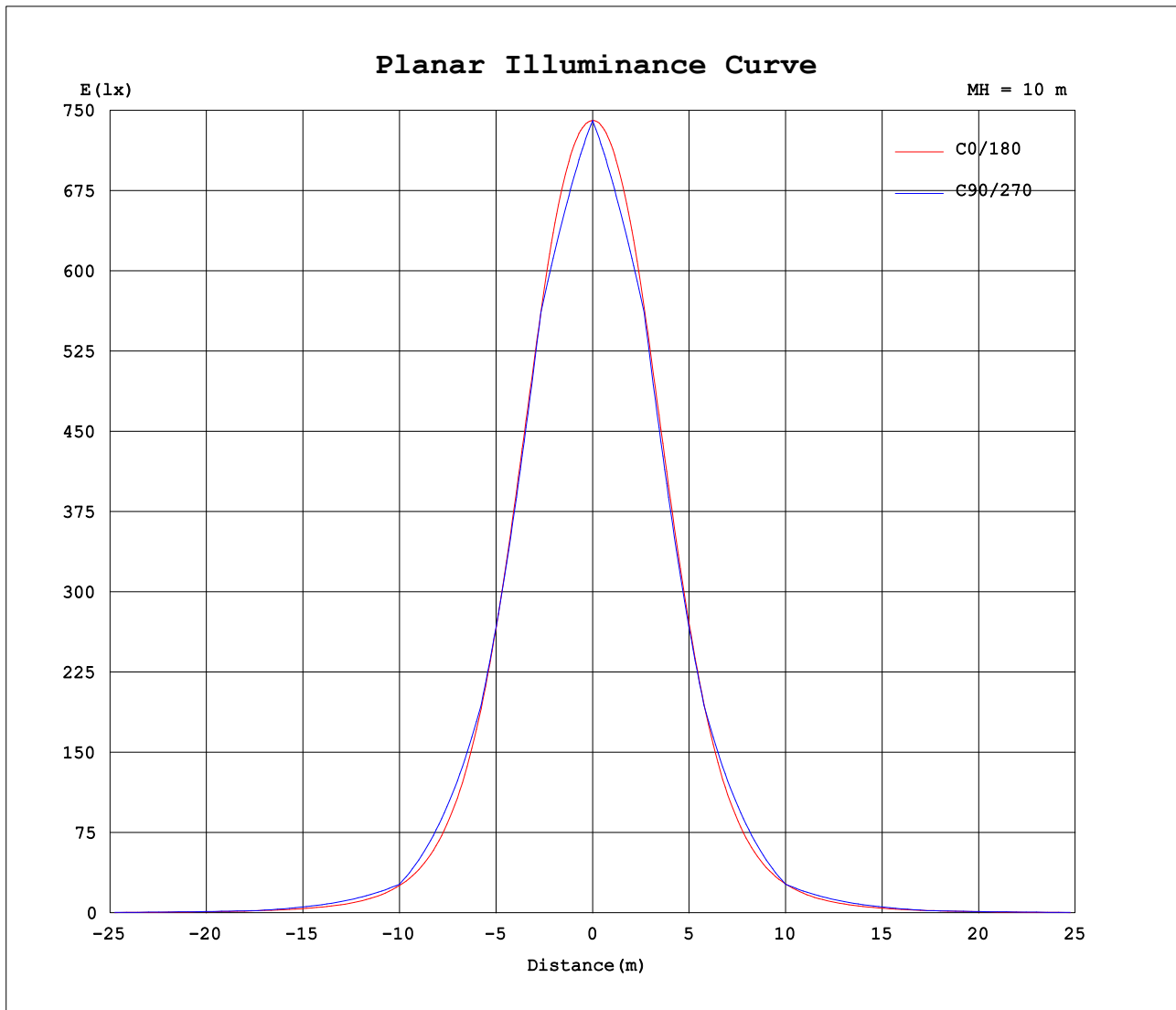
Test:U:244.15V I:1.7442A P:403.67W PF:0.9479 Freq:50.00Hz Lamp Flux:66307.9x1 lm		
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 Remarks:

Planar Illuminance Curve

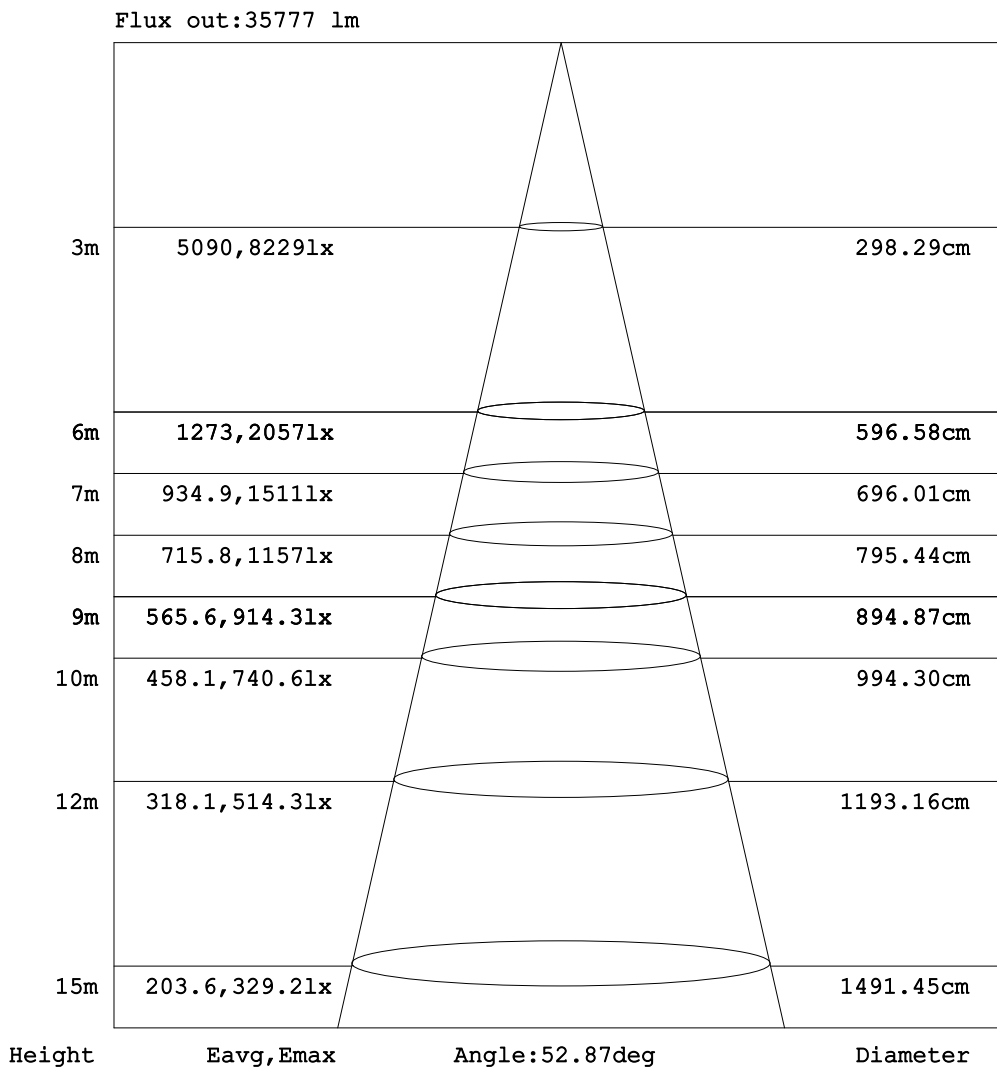


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 Remarks:

AAI Figure

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NAME: HL-SP06-400W-60°	TYPE:0	
MFR.: EVERFINE		



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

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C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:C
Test Date:02 January 2020

γ Range:-75 - 75DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:244.15V I:1.7442A P:403.67W PF:0.9479 Freq:50.00Hz Lamp Flux:66307.9x1 lm		
NAME: HL-SP06-400W-60°	TYPE:0	
MFR.: EVERFINE		

Table--1

UNIT: ×10cd

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.49	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	0.49	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	0.49	0.13	0.18	0.23	0.29	0.69	0.28	0.95	0.57	0.70	1.08	1.19	1.14	0.67	0.89	1.17	1.15	0.39	0.00
-75	0.49	0.52	1.26	3.86	7.06	10.8	14.9	19.4	23.9	28.5	33.0	37.2	41.3	44.9	48.3	51.0	52.7	54.0	54.5
-70	0.49	0.85	3.22	7.94	13.4	19.8	26.8	34.3	42.0	49.8	57.8	65.7	73.4	80.7	87.5	93.2	97.5	100	101
-65	0.49	1.07	4.67	11.1	19.1	27.7	37.1	47.1	57.7	68.6	79.9	91.5	103	114	124	133	141	146	148
-60	0.49	1.38	6.22	15.0	24.8	36.4	49.0	62.4	76.6	91.2	107	123	139	154	168	180	189	195	195
-55	0.49	2.03	9.01	20.1	32.1	45.4	60.4	77.9	98.0	121	148	180	215	252	290	325	355	376	385
-50	0.49	2.46	10.6	22.8	39.2	57.0	75.6	98.1	125	158	200	250	306	366	428	485	532	564	575
-45	0.49	2.92	11.9	27.5	44.0	65.7	89.4	116	148	187	241	308	387	477	566	640	705	758	765
-40	0.49	4.08	15.0	33.0	51.2	73.7	105	141	187	253	344	464	620	808	1013	1203	1368	1472	1508
-35	0.49	4.96	18.2	36.3	59.3	81.7	119	162	221	304	427	593	813	1095	1414	1721	1988	2172	2249
-30	0.49	5.57	20.7	39.6	65.3	92.1	132	188	264	381	549	783	1099	1494	1929	2352	2696	2924	2994
-25	0.49	6.14	22.0	43.4	68.3	102	145	210	299	452	670	990	1436	1989	2579	3156	3624	3939	4069
-20	0.49	6.63	23.2	46.4	71.6	110	159	234	355	544	834	1299	1925	2655	3429	4136	4690	5038	5150
-15	0.49	7.10	24.4	48.7	75.2	118	171	251	391	594	951	1465	2208	3094	4033	4894	5582	6030	6225
-10	0.49	7.55	25.5	50.6	79.6	123	180	267	415	682	1066	1703	2536	3556	4564	5442	6112	6500	6621
-5	0.49	7.94	26.5	52.1	83.3	128	189	283	428	662	1105	1776	2645	3665	4761	5724	6429	6852	7011
0	0.49	8.25	27.3	53.1	85.7	130	195	301	474	769	1266	2015	3008	4154	5291	6277	6944	7306	7406
5	0.49	7.94	26.5	52.1	83.3	128	189	283	428	662	1105	1776	2645	3665	4761	5724	6429	6852	7011
10	0.49	7.55	25.5	50.6	79.6	123	180	267	415	682	1066	1703	2536	3556	4564	5442	6112	6500	6621
15	0.49	7.10	24.4	48.7	75.2	118	171	251	391	594	951	1465	2208	3094	4033	4894	5582	6030	6225
20	0.49	6.63	23.2	46.4	71.6	110	159	234	355	544	834	1299	1925	2655	3429	4136	4690	5038	5150
25	0.49	6.14	22.0	43.4	68.3	102	145	210	299	452	670	990	1436	1989	2579	3156	3624	3939	4069
30	0.49	5.57	20.7	39.6	65.3	92.1	132	188	264	381	549	783	1099	1494	1929	2352	2696	2924	2994
35	0.49	4.96	18.2	36.3	59.3	81.7	119	162	221	304	427	593	813	1095	1414	1721	1988	2172	2249
40	0.49	4.08	15.0	33.0	51.2	73.7	105	141	187	253	344	464	620	808	1013	1203	1368	1472	1508
45	0.49	2.92	11.9	27.5	44.0	65.7	89.4	116	148	187	241	308	387	477	566	640	705	758	765
50	0.49	2.46	10.6	22.8	39.2	57.0	75.6	98.1	125	158	200	250	306	366	428	485	532	564	575
55	0.49	2.03	9.01	20.1	32.1	45.4	60.4	77.9	98.0	121	148	180	215	252	290	325	355	376	385
60	0.49	1.38	6.22	15.0	24.8	36.4	49.0	62.4	76.6	91.2	107	123	139	154	168	180	189	195	195
65	0.49	1.07	4.67	11.1	19.1	27.7	37.1	47.1	57.7	68.6	79.9	91.5	103	114	124	133	141	146	148
70	0.49	0.85	3.22	7.94	13.4	19.8	26.8	34.3	42.0	49.8	57.8	65.7	73.4	80.7	87.5	93.2	97.5	100	101
75	0.49	0.52	1.26	3.86	7.06	10.8	14.9	19.4	23.9	28.5	33.0	37.2	41.3	44.9	48.3	51.0	52.7	54.0	54.5
80	0.49	0.13	0.18	0.23	0.29	0.69	0.28	0.95	0.57	0.70	1.08	1.19	1.14	0.67	0.89	1.17	1.15	0.39	0.00
85	0.49	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	0.49	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 - 90DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

Test Date:02 January 2020

γ Range:-75 - 75DEG

γ Interval: 0.5DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.416

Humidity:65.0%

Test Distance:8.000m [K=1.0000]

Remarks:

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NAME: HL-SP06-400W-60°	TYPE:0	
MFR.: EVERFINE		

Table--2

UNIT: ×10cd

H (DEG) V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-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	0.63	
-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	0.63	
-80	0.39	1.16	1.18	0.90	0.68	1.17	1.23	1.13	0.73	0.60	1.02	0.31	0.77	0.34	0.28	0.25	0.15	0.63	
-75	54.2	53.1	51.6	49.0	45.7	42.2	38.2	34.1	29.6	25.1	20.5	16.0	11.7	7.78	4.48	1.66	0.54	0.63	
-70	100	97.8	93.5	87.7	80.8	73.3	65.5	57.4	49.5	41.7	34.0	26.7	19.8	13.5	7.70	2.99	0.88	0.63	
-65	147	144	137	128	118	107	94.9	82.8	71.1	59.8	48.8	38.3	28.6	19.6	11.9	5.05	1.12	0.63	
-60	196	190	182	170	155	139	123	106	90.7	76.1	62.2	49.2	37.3	26.3	15.8	7.10	1.38	0.63	
-55	380	363	335	301	262	224	188	155	126	102	81.9	63.8	47.0	31.9	18.9	8.26	1.52	0.63	
-50	563	530	482	423	361	300	246	197	157	125	98.2	75.5	54.8	38.4	25.0	11.1	2.21	0.63	
-45	767	722	660	584	494	402	321	253	198	154	118	89.2	65.4	47.1	28.7	14.5	3.04	0.63	
-40	1470	1361	1200	1003	801	616	462	342	252	187	138	102	76.8	52.9	31.1	15.8	3.17	0.63	
-35	2210	2057	1816	1506	1188	893	644	459	327	231	163	119	88.1	57.2	35.5	17.0	3.54	0.63	
-30	2919	2685	2352	1930	1509	1098	773	542	380	267	184	134	95.9	62.8	39.2	18.6	4.17	0.63	
-25	4001	3738	3304	2760	2141	1562	1077	710	465	317	210	147	103	70.1	41.8	20.7	4.73	0.63	
-20	5024	4670	4120	3424	2648	1896	1292	847	538	349	235	160	109	75.9	44.1	22.5	5.25	0.63	
-15	6113	5742	5109	4309	3347	2417	1644	1010	647	389	264	170	114	79.9	46.5	23.6	5.60	0.63	
-10	6486	6081	5425	4521	3511	2555	1704	1089	647	422	273	175	118	81.0	48.0	24.1	5.81	0.63	
-5	6934	6596	5958	5043	3992	2883	1926	1221	758	451	278	180	121	80.9	48.7	24.2	5.88	0.63	
0	7298	6929	6226	5229	4086	2939	1956	1214	729	442	277	181	122	79.8	48.5	23.9	5.83	0.63	
5	6934	6596	5958	5043	3992	2883	1926	1221	758	451	278	180	121	80.9	48.7	24.2	5.88	0.63	
10	6486	6081	5425	4521	3511	2555	1704	1089	647	422	273	175	118	81.0	48.0	24.1	5.81	0.63	
15	6113	5742	5109	4309	3347	2417	1644	1010	647	389	264	170	114	79.9	46.5	23.6	5.60	0.63	
20	5024	4670	4120	3424	2648	1896	1292	847	538	349	235	160	109	75.9	44.1	22.5	5.25	0.63	
25	4001	3738	3304	2760	2141	1562	1077	710	465	317	210	147	103	70.1	41.8	20.7	4.73	0.63	
30	2919	2685	2352	1930	1509	1098	773	542	380	267	184	134	95.9	62.8	39.2	18.6	4.17	0.63	
35	2210	2057	1816	1506	1188	893	644	459	327	231	163	119	88.1	57.2	35.5	17.0	3.54	0.63	
40	1470	1361	1200	1003	801	616	462	342	252	187	138	102	76.8	52.9	31.1	15.8	3.17	0.63	
45	767	722	660	584	494	402	321	253	198	154	118	89.2	65.4	47.1	28.7	14.5	3.04	0.63	
50	563	530	482	423	361	300	246	197	157	125	98.2	75.5	54.8	38.4	25.0	11.1	2.21	0.63	
55	380	363	335	301	262	224	188	155	126	102	81.9	63.8	47.0	31.9	18.9	8.26	1.52	0.63	
60	196	190	182	170	155	139	123	106	90.7	76.1	62.2	49.2	37.3	26.3	15.8	7.10	1.38	0.63	
65	147	144	137	128	118	107	94.9	82.8	71.1	59.8	48.8	38.3	28.6	19.6	11.9	5.05	1.12	0.63	
70	100	97.8	93.5	87.7	80.8	73.3	65.5	57.4	49.5	41.7	34.0	26.7	19.8	13.5	7.70	2.99	0.88	0.63	
75	54.2	53.1	51.6	49.0	45.7	42.2	38.2	34.1	29.6	25.1	20.5	16.0	11.7	7.78	4.48	1.66	0.54	0.63	
80	0.39	1.16	1.18	0.90	0.68	1.17	1.23	1.13	0.73	0.60	1.02	0.31	0.77	0.34	0.28	0.25	0.15	0.63	
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	0.63	
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	0.63	

C Range: 0 - 90DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:C

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Humidity:65.0%

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