

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	750.2 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	160.6V x 140.8H
	At 50% of Imax	36.7V x 116.6H
	At 90% of Imax	10.3V x 100.7H

Beam Flux	Total	998.4 lumens per klm.
	To 10% of Imax	894.7 lumens per klm.
	To 50% of Imax	512.4 lumens per klm.
	To 90% of Imax	66.5 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.8 %

Luminaire Efficiency (Light Output Ratio)	100.0 %
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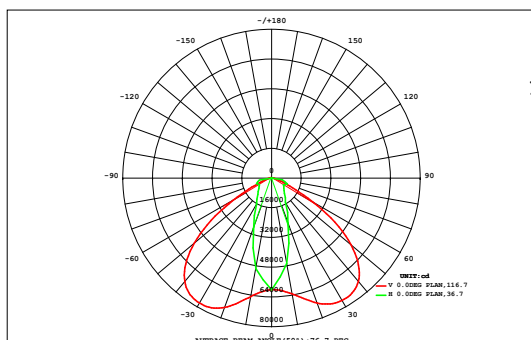
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H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:08 November 2019

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

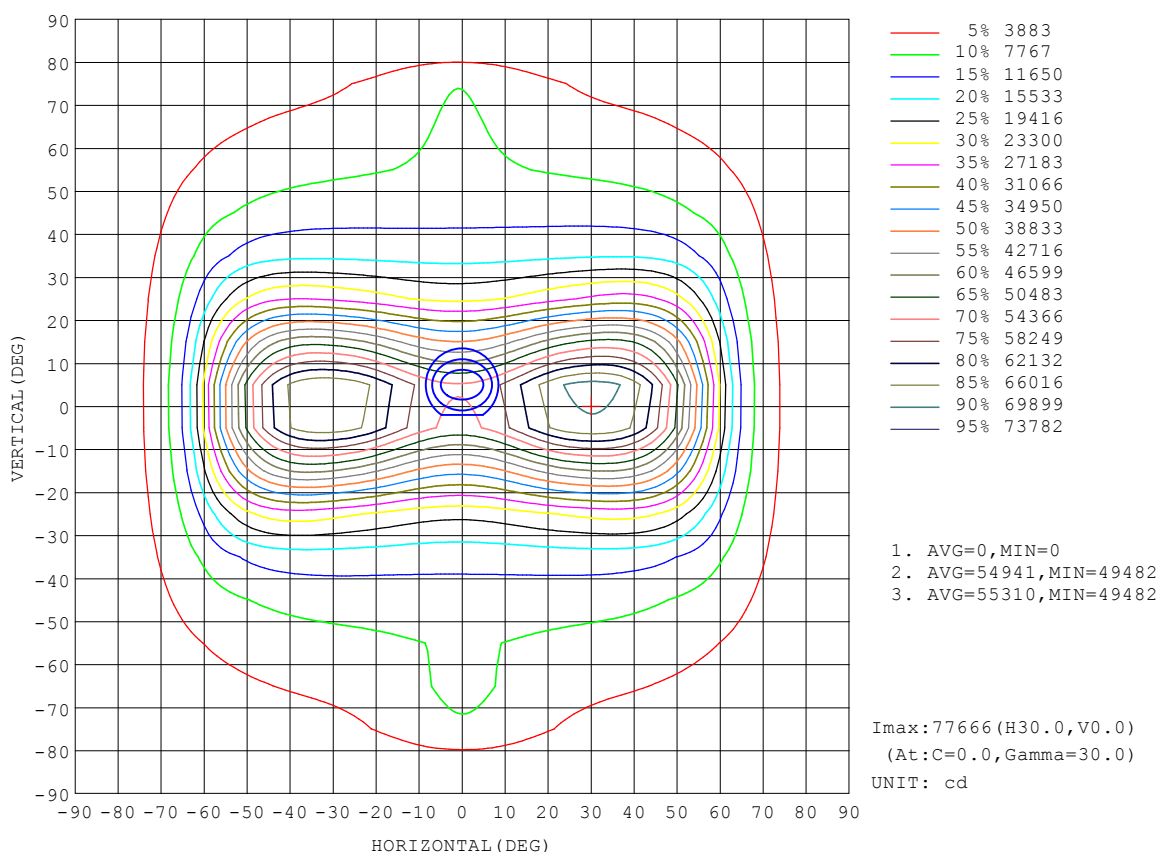
# LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.04V I:6.5740A P:775.20W PF:0.9824 Freq:59.98Hz Lamp Flux:103525x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:800W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



### ISOCANDELA DIAGRAM

Test:U:120.04V I:6.5740A P:775.20W PF:0.9824 Freq:59.98Hz Lamp Flux:103525x1 lm		
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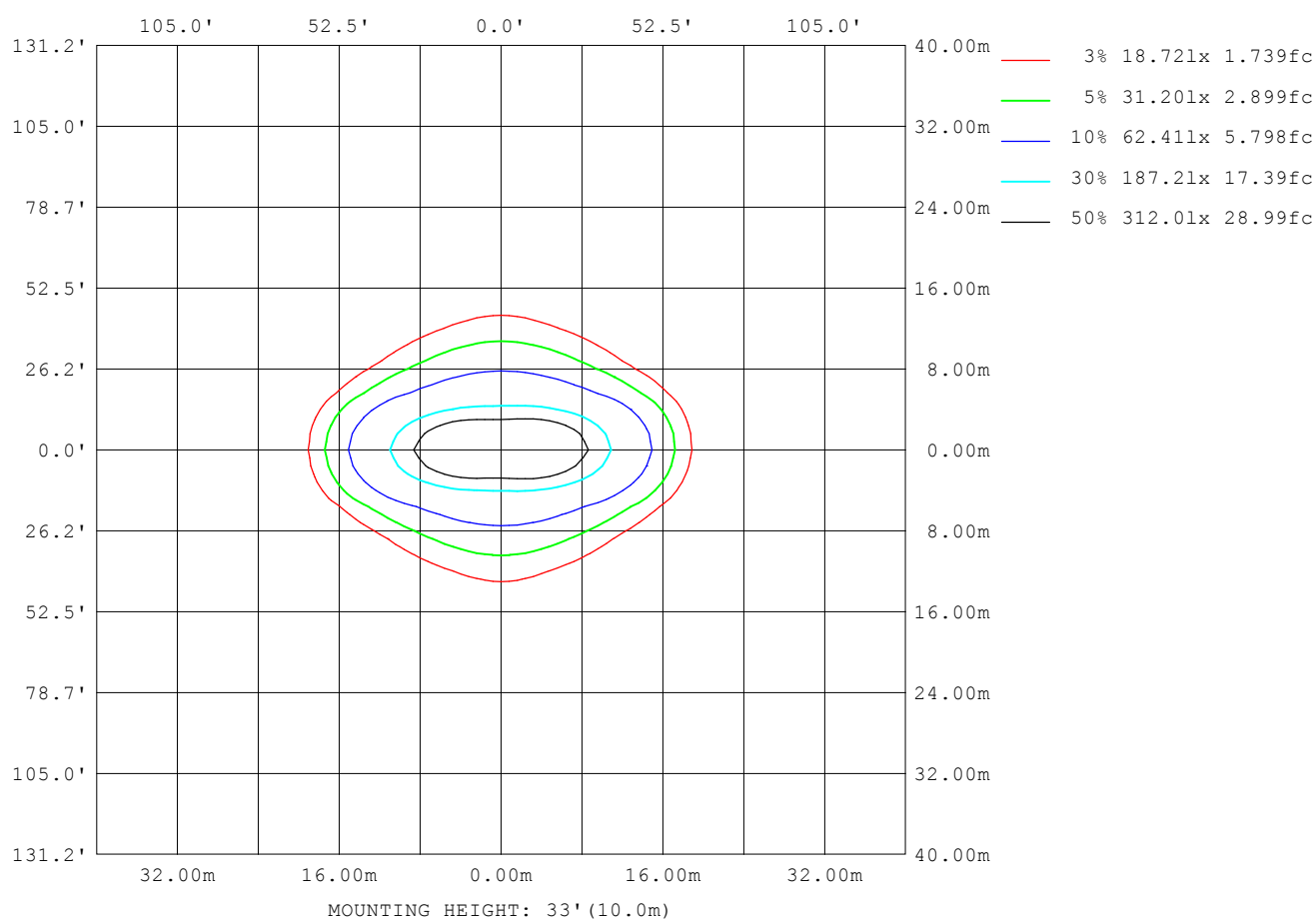


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:08 November 2019

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

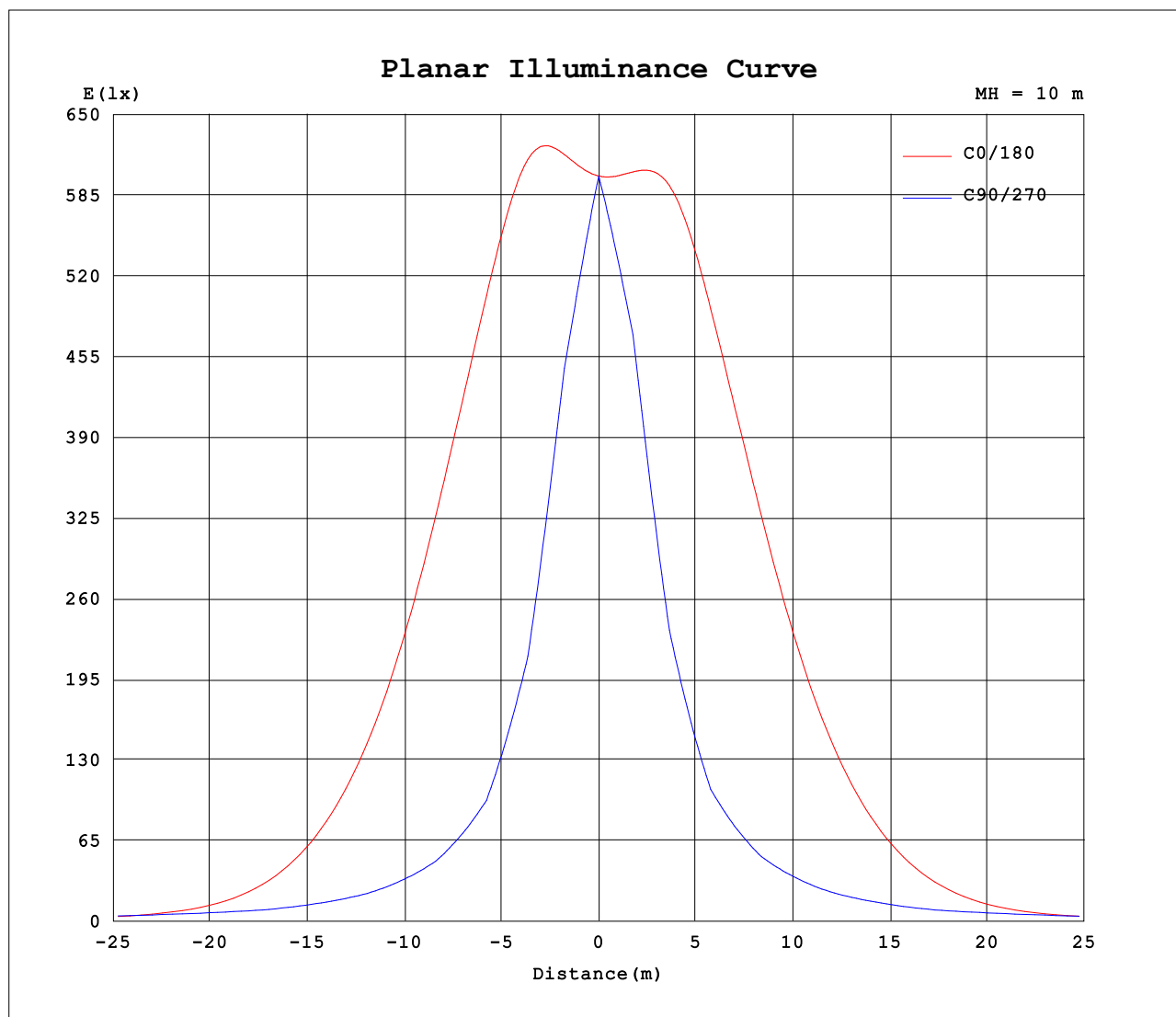
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Temperature:25.3DEG  
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Test Date:08 November 2019

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity:65.0%  
Test Distance:6.010m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



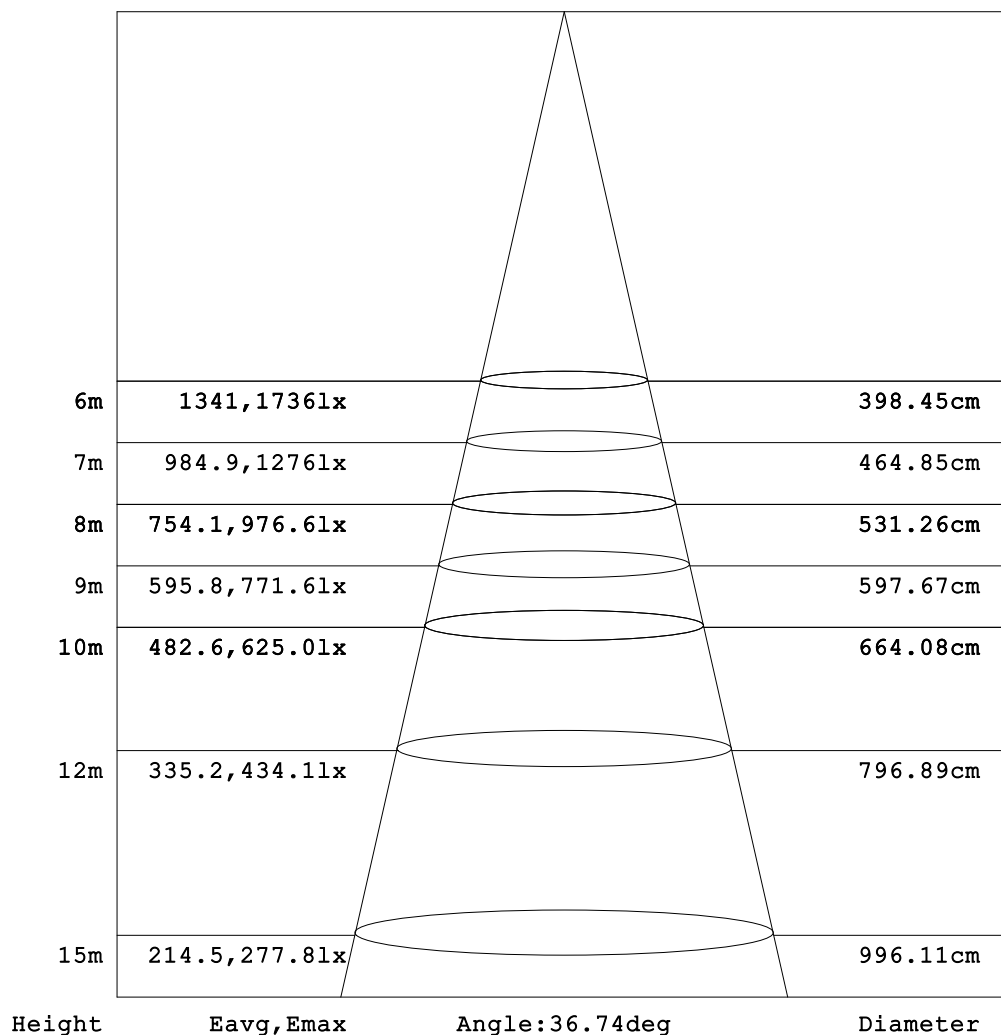
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
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V(B) Range:-80 - 80DEG  
 V(B) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
 Humidity:65.0%  
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 Remarks:

### AAI Figure

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SPEC.:800W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:16974 lm



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

H( $\beta$ ) Range: -90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: CL  
Test Date: 08 November 2019

V(B) Range: -80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.366  
Humidity: 65.0%  
Test Distance: 6.010m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.04V I:6.5740A P:775.20W PF:0.9824 Freq:59.98Hz Lamp Flux:103525x1 lm		
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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	0.00	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
-80	2.40	4.14	11.2	25.3	40.5	55.4	71.3	87.2	103	120	140	164	197	242	304	386	479	554	584
-75	2.37	6.35	24.2	50.6	77.5	104	130	156	182	209	234	261	293	339	405	502	620	713	748
-70	2.34	8.57	37.2	75.8	115	152	190	226	261	297	328	357	390	435	506	618	761	873	911
-65	2.34	13.1	53.4	104	154	204	252	298	341	380	412	438	467	505	559	637	730	804	831
-60	2.34	17.5	69.6	133	194	255	315	370	421	463	495	519	544	575	612	655	698	734	751
-55	2.38	21.6	86.7	163	238	316	393	462	521	567	604	632	657	682	709	739	769	793	804
-50	2.43	25.6	104	193	282	378	471	555	620	671	712	745	770	789	806	824	840	852	856
-45	2.50	31.7	122	222	329	453	580	688	769	829	872	903	923	936	945	954	961	968	970
-40	2.58	37.8	140	251	375	529	688	820	918	986	1032	1060	1076	1082	1084	1084	1083	1083	1084
-35	2.68	43.5	153	270	415	612	843	1058	1211	1301	1343	1357	1355	1344	1331	1317	1305	1297	1296
-30	2.78	49.1	166	289	455	695	998	1296	1504	1615	1654	1654	1634	1606	1578	1549	1526	1511	1508
-25	2.89	57.2	176	306	499	807	1288	1820	2225	2453	2535	2518	2446	2361	2274	2182	2103	2054	2042
-20	3.00	65.2	186	324	543	920	1577	2344	2946	3291	3416	3382	3259	3115	2970	2815	2680	2597	2577
-15	3.09	70.2	191	333	575	1022	1901	2942	3804	4371	4662	4730	4655	4505	4297	4043	3813	3663	3621
-10	3.17	75.2	195	343	606	1124	2224	3540	4662	5450	5909	6078	6051	5894	5624	5271	4946	4729	4666
-5	3.22	77.3	198	349	624	1184	2392	3851	5116	6031	6585	6816	6825	6682	6385	5991	5635	5401	5336
0	3.27	79.4	202	356	643	1244	2560	4162	5570	6611	7262	7554	7599	7470	7146	6711	6323	6073	6007
5	3.30	78.7	200	352	629	1196	2416	3884	5156	6081	6647	6893	6920	6792	6500	6110	5761	5536	5479
10	3.34	77.9	198	348	616	1148	2271	3606	4743	5550	6032	6233	6240	6114	5855	5510	5199	4999	4952
15	3.35	76.7	195	341	589	1052	1957	3022	3905	4498	4821	4922	4879	4753	4551	4295	4067	3924	3891
20	3.37	75.5	193	333	561	956	1643	2439	3068	3446	3610	3612	3518	3392	3247	3081	2935	2848	2830
25	3.39	71.9	185	318	520	845	1353	1914	2347	2600	2706	2707	2649	2571	2482	2383	2297	2245	2235
30	3.40	68.3	177	303	479	734	1063	1390	1626	1755	1801	1802	1780	1750	1717	1685	1658	1642	1640
35	3.42	63.4	166	284	437	649	899	1134	1307	1410	1457	1471	1467	1455	1439	1423	1410	1402	1402
40	3.44	58.5	155	264	396	563	735	879	989	1065	1113	1141	1154	1160	1162	1161	1161	1162	1163
45	3.46	51.3	139	237	351	486	623	740	829	894	941	972	991	1003	1012	1020	1026	1032	1034
50	3.49	44.1	123	209	305	408	512	602	669	723	768	803	828	846	862	878	892	902	906
55	3.51	36.5	106	180	261	346	430	505	566	615	653	683	708	732	757	783	807	825	831
60	3.54	28.9	89.4	151	217	284	349	409	464	507	538	563	588	618	652	688	722	747	756
65	3.58	20.4	70.8	123	176	232	285	335	382	422	453	480	509	546	596	663	736	792	809
70	3.62	12.0	52.2	94.4	136	179	221	261	300	336	367	396	430	474	540	637	749	837	862
75	3.66	8.58	35.1	66.3	97.9	130	161	192	222	252	279	308	345	395	467	567	674	751	772
80	3.71	5.16	18.0	38.2	59.4	80.1	102	123	145	167	190	219	260	317	393	496	599	665	681
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

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:CL

Test Date:08 November 2019

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.366

Humidity:65.0%

Test Distance:6.010m [K=1.0000]

Remarks:

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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	0.00	
-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	
-80	557	482	388	305	242	197	164	139	120	102	85.4	69.3	53.4	38.4	23.2	10.4	4.45	2.42	
-75	718	629	512	411	341	294	260	233	208	181	155	129	102	75.5	47.8	22.3	6.35	2.37	
-70	879	776	636	517	440	391	356	327	296	261	225	189	151	113	72.3	34.2	8.25	2.33	
-65	809	740	648	566	507	466	436	409	377	338	294	249	201	152	99.3	48.9	11.6	2.33	
-60	739	704	659	615	575	542	516	491	458	416	364	310	251	191	126	63.6	15.0	2.34	
-55	796	772	741	709	680	653	627	597	559	512	454	385	311	234	157	80.6	19.6	2.38	
-50	852	840	822	803	784	764	738	704	660	609	543	460	370	278	187	97.6	24.2	2.41	
-45	968	961	952	943	931	916	893	858	811	748	666	562	441	322	216	114	28.6	2.46	
-40	1084	1083	1083	1082	1078	1068	1048	1013	961	887	788	663	512	365	244	131	33.1	2.51	
-35	1300	1308	1320	1332	1342	1346	1339	1314	1259	1161	1013	815	599	410	268	149	40.0	2.56	
-30	1515	1533	1557	1583	1606	1624	1630	1614	1557	1435	1237	967	686	455	292	166	46.9	2.61	
-25	2069	2130	2216	2301	2373	2433	2469	2449	2335	2092	1701	1215	783	492	306	175	53.6	2.69	
-20	2622	2728	2874	3020	3139	3242	3308	3284	3114	2749	2165	1463	880	529	320	183	60.3	2.77	
-15	3697	3882	4136	4381	4554	4652	4662	4528	4184	3592	2741	1767	985	562	331	189	66.6	2.85	
-10	4772	5036	5397	5743	5968	6062	6016	5772	5255	4434	3318	2070	1089	595	342	195	73.0	2.92	
-5	5456	5753	6166	6572	6829	6915	6833	6523	5895	4926	3646	2237	1134	608	344	195	73.5	2.99	
0	6141	6470	6935	7401	7691	7767	7650	7274	6535	5418	3974	2403	1178	621	345	196	74.0	3.06	
5	5607	5913	6342	6770	7048	7147	7069	6750	6099	5094	3768	2302	1149	611	343	195	73.9	3.12	
10	5073	5357	5749	6139	6405	6527	6487	6227	5662	4770	3561	2200	1120	601	342	194	73.9	3.18	
15	3978	4179	4463	4756	4981	5125	5165	5031	4646	3977	3021	1914	1021	569	331	189	71.4	3.23	
20	2882	3002	3177	3373	3557	3722	3842	3835	3630	3184	2480	1627	923	538	320	183	69.0	3.29	
25	2268	2341	2447	2567	2681	2785	2862	2863	2739	2446	1963	1355	825	502	307	176	65.8	3.31	
30	1653	1680	1717	1761	1805	1848	1882	1891	1847	1708	1446	1082	727	466	294	170	62.7	3.33	
35	1409	1424	1445	1469	1492	1512	1523	1515	1469	1360	1170	908	639	425	274	158	57.0	3.35	
40	1165	1169	1173	1177	1179	1176	1165	1139	1091	1011	894	734	552	384	255	147	51.4	3.37	
45	1034	1031	1027	1022	1016	1006	988	958	911	844	751	624	479	343	230	132	45.4	3.40	
50	903	894	881	867	853	836	812	777	732	677	607	513	406	301	205	118	39.4	3.43	
55	824	805	781	757	734	712	689	659	621	571	507	430	343	257	175	101	31.3	3.47	
60	744	717	682	647	615	588	566	542	509	464	407	346	279	212	146	84.1	23.2	3.50	
65	780	718	646	584	539	506	480	455	423	381	333	282	228	172	118	66.1	16.7	3.54	
70	817	719	611	522	463	424	395	368	336	297	258	218	176	132	90.7	48.2	10.3	3.59	
75	731	641	534	444	380	335	302	276	249	220	189	159	127	94.9	63.7	32.1	7.60	3.63	
80	645	563	458	365	297	246	210	184	163	142	120	99.3	77.6	57.3	36.6	16.0	4.90	3.67	
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	
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	

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

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Test Date:08 November 2019

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V(B) Interval: 5.0DEG

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Humidity:65.0%

Test Distance:6.010m [K=1.0000]

Remarks: