

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	938.0 cd per klm. 0.0 degrees vertical 1.0 degrees horizontal
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Beam Spread	At 10% of Imax	88.7V x 86.4H
	At 50% of Imax	67.9V x 64.2H
	At 90% of Imax	38.0V x 44.1H

Beam Flux	Total	998.5 lumens per klm.
	To 10% of Imax	949.0 lumens per klm.
	To 50% of Imax	747.7 lumens per klm.
	To 90% of Imax	361.9 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

Luminaire Efficiency (Light Output Ratio)	100.0 %
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*H*( $\beta$ ) Range:-90 - 90DEG  
*H*( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-7-28

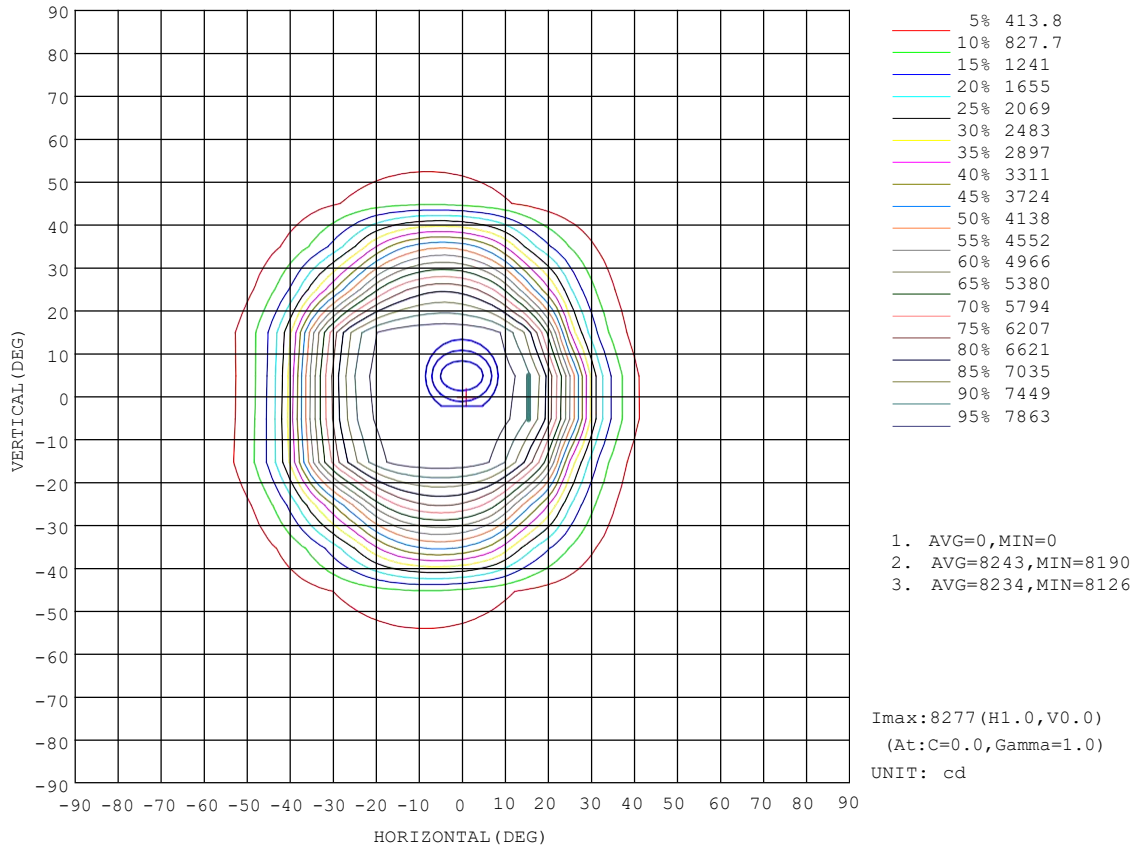
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*V*(B) Range:-75 - 75DEG  
*V*(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.200m [K=1.0000]  
Remarks:



## ISOCANDELA DIAGRAM

NAME: LED Flood Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Adhesion Lighting (Guangdong) Co.,Ltd	SUR.: 0.1*0.2	Shielding Angle:

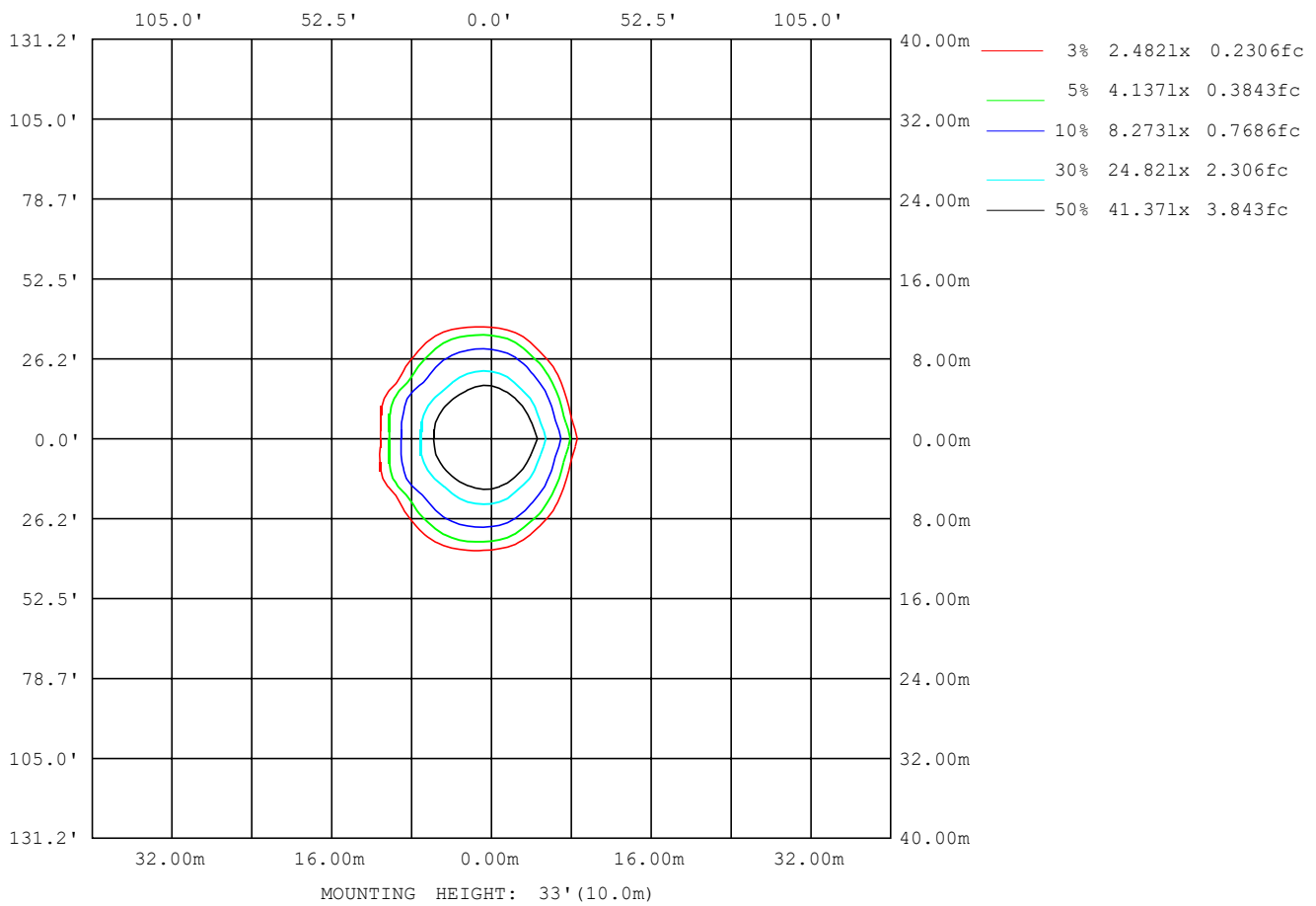


**H( $\beta$ ) Range: -90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2023-7-28**

**V(B) Range: -75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411**  
**Humidity: 65.0%**  
**Test Distance: 7.200m [K=1.0000]**  
**Remarks:**

## ISOLUX DIAGRAM

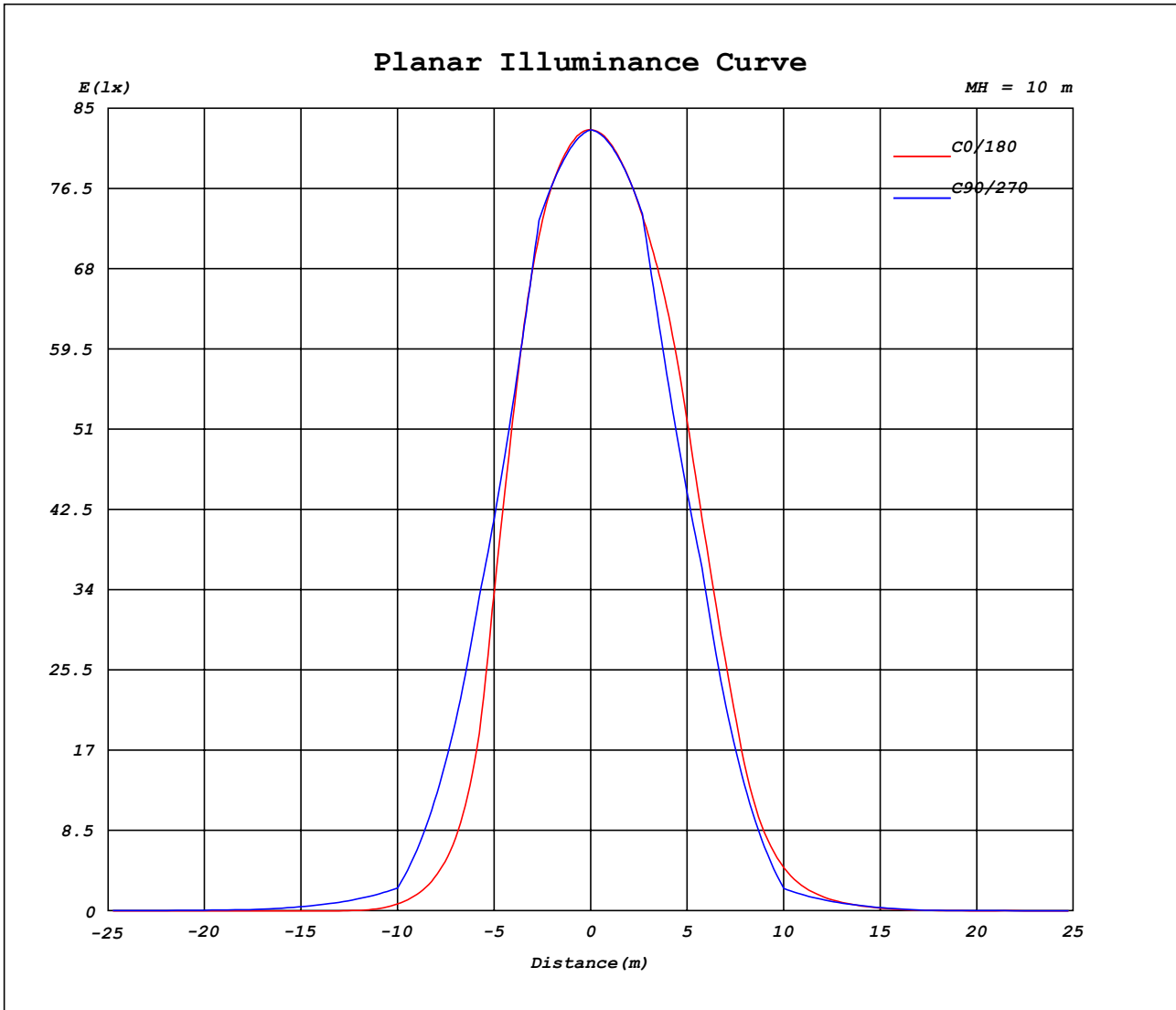
NAME: LED Flood Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Adhesion Lighting (Guangdong) Co.,Ltd	SUR.:0.1*0.2	Shielding Angle:



**H( $\beta$ ) Range: -90 - 90DEG**  
**H( $\beta$ ) Interval: 1.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2023-7-28**

**V(B) Range: -75 - 75DEG**  
**V(B) Interval: 5.0DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411**  
**Humidity: 65.0%**  
**Test Distance: 7.200m [K=1.0000]**  
**Remarks:**

## Planar Illuminance Curve



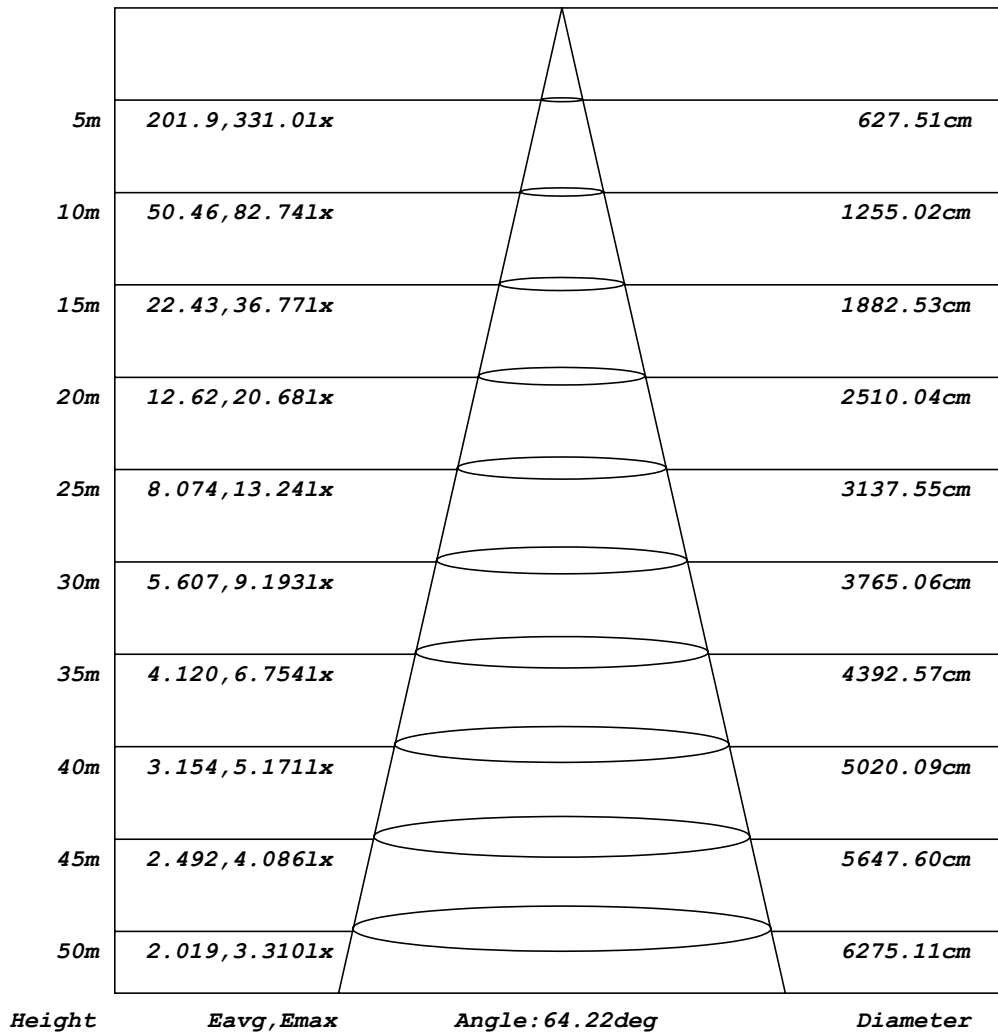
H( $\beta$ ) Range: -90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-7-28

V(B) Range: -75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity: 65.0%  
Test Distance: 7.200m [K=1.0000]  
Remarks:

### AAI Figure

NAME: LED Flood Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Adhesion Lighting (Guangdong) Co.,Ltd	SUR.:0.1*0.2	Shielding Angle:

Flux out:6434 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: DAMIN  
 Test Date: 2023-7-28

V(B) Range: -75 - 75DEG  
 V(B) Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
 Humidity: 65.0%  
 Test Distance: 7.200m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED Flood Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Adhesion Lighting (Guangdong) Co.,Ltd	SUR.:0.1*0.2	Shielding Angle:

Table--1

UNIT: cd

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
-70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.56	16.1	24.6	32.7	39.9	45.0	48.5	49.6	48.4	44.4
-65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.1	32.2	49.3	65.4	79.8	90.1	97.1	99.2	96.9	88.9
-60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.7	48.2	73.9	98.1	120	135	146	149	145	133
-55	0.00	0.00	0.00	0.00	0.00	0.00	16.8	38.6	37.5	65.4	105	151	202	254	300	338	355	349	319
-50	0.00	0.00	0.00	0.00	0.00	0.00	33.7	77.2	75.0	111	163	227	306	389	466	530	562	553	505
-45	0.00	0.00	0.00	0.00	0.00	0.00	50.5	116	112	157	220	304	410	523	631	722	769	757	690
-40	0.00	0.00	0.00	0.00	0.00	9.21	56.7	111	142	243	397	620	922	1291	1716	2037	2219	2261	2169
-35	0.00	0.00	0.00	0.00	0.00	18.4	62.9	106	172	329	575	935	1434	2058	2801	3352	3669	3766	3649
-30	0.00	0.00	0.00	0.00	0.00	27.6	69.1	102	202	415	752	1251	1945	2826	3886	4667	5120	5270	5128
-25	0.00	0.00	0.00	0.00	5.37	31.9	77.4	164	350	710	1335	2286	3246	4180	5137	5776	6117	6228	6123
-20	0.00	0.00	0.00	0.00	10.7	36.1	85.8	225	499	1006	1919	3322	4546	5534	6388	6885	7114	7186	7119
-15	0.00	0.00	0.00	0.00	16.1	40.4	94.2	287	647	1301	2503	4357	5846	6888	7639	7994	8111	8145	8114
-10	0.00	0.00	0.00	0.00	11.2	41.5	84.7	275	634	1301	2565	4503	6030	7110	7771	8052	8150	8184	8167
-5	0.00	0.00	0.00	0.00	6.21	42.7	75.1	262	622	1302	2627	4649	6213	7331	7902	8111	8190	8224	8220
0	0.00	0.00	0.00	0.00	1.27	43.9	65.6	250	609	1303	2689	4795	6397	7552	8034	8170	8229	8263	8273
5	0.00	0.00	0.00	0.00	3.27	38.8	70.1	257	608	1280	2593	4635	6250	7427	7968	8141	8210	8243	8246
10	0.00	0.00	0.00	0.00	5.28	33.6	74.5	263	606	1258	2496	4475	6103	7302	7903	8112	8191	8224	8219
15	0.00	0.00	0.00	0.00	7.28	28.5	79.0	270	605	1236	2400	4315	5956	7177	7838	8083	8171	8204	8192
20	0.00	0.00	0.00	0.00	4.85	21.8	67.2	203	463	953	1832	3270	4588	5724	6562	7029	7277	7373	7325
25	0.00	0.00	0.00	0.00	2.43	15.2	55.3	135	322	670	1264	2225	3221	4271	5286	5975	6382	6543	6458
30	0.00	0.00	0.00	0.00	0.00	8.59	43.5	67.3	180	387	695	1179	1853	2818	4010	4921	5488	5713	5591
35	0.00	0.00	0.00	0.00	0.00	5.72	36.3	69.8	147	296	522	875	1360	2040	2871	3508	3903	4052	3953
40	0.00	0.00	0.00	0.00	0.00	2.86	29.2	72.3	114	204	350	570	866	1262	1733	2095	2318	2392	2314
45	0.00	0.00	0.00	0.00	0.00	0.00	22.0	74.8	81.3	113	177	266	373	485	594	683	733	731	676
50	0.00	0.00	0.00	0.00	0.00	0.00	14.7	49.9	54.2	75.4	119	187	264	344	420	481	515	511	471
55	0.00	0.00	0.00	0.00	0.00	0.00	7.33	24.9	27.1	37.7	61.1	108	155	203	245	279	297	292	266
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	28.9	45.9	61.7	70.9	77.4	78.7	72.0	61.8
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.09	19.2	30.6	41.2	47.2	51.6	52.5	48.0	41.2
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	9.62	15.3	20.6	23.6	25.8	26.2	24.0	20.6
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

H( $\beta$ ) Range:-90 - 90DEG  
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Temperature:25.3DEG  
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V(B) Range:-75 - 75DEG  
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Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.411  
Humidity:65.0%  
Test Distance:7.200m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: LED Flood Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Adhesion Lighting (Guangdong) Co.,Ltd	SUR.:0.1*0.2	Shielding Angle:

Table--2

UNIT: cd

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	0.00	0.00	0.00	0.00	0.00	0.00	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
-70	37.7	28.6	18.2	6.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-65	75.4	57.2	36.4	14.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-60	113	85.8	54.5	21.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-55	271	213	152	98.2	60.1	40.6	28.8	17.8	2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-50	428	340	250	175	120	81.1	57.6	35.7	4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-45	586	467	348	253	180	122	86.4	53.5	6.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-40	1946	1571	1113	767	496	296	167	81.7	24.5	10.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-35	3306	2675	1878	1282	811	470	248	110	42.8	21.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-30	4666	3779	2643	1796	1126	645	328	138	61.2	32.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-25	5760	5003	3935	2901	1712	931	462	192	66.8	28.2	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-20	6853	6226	5227	4005	2298	1217	596	245	72.5	24.2	2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-15	7946	7450	6519	5110	2883	1503	729	299	78.1	20.2	4.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-10	8050	7694	6989	5774	3730	1968	955	408	123	25.0	4.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-5	8155	7938	7459	6438	4577	2434	1181	518	168	29.8	4.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0	8259	8182	7929	7102	5424	2900	1406	627	213	34.6	5.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	8207	8031	7591	6496	4601	2437	1180	516	163	27.5	4.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	8155	7880	7254	5889	3778	1975	954	404	113	20.5	4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	8104	7729	6916	5283	2955	1513	728	293	62.5	13.4	3.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	7091	6525	5554	4143	2357	1228	590	232	56.8	19.5	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	6079	5322	4192	3004	1760	943	452	172	51.0	25.7	3.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	5066	4119	2830	1864	1162	658	314	111	45.3	31.8	4.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	3570	2898	1995	1312	818	468	230	91.2	33.5	21.2	2.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	2074	1676	1159	759	474	278	146	71.4	21.7	10.6	1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	578	455	324	207	130	87.3	61.7	51.6	9.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	401	313	219	138	86.6	58.2	41.1	34.4	6.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	224	170	113	69.0	43.3	29.1	20.6	17.2	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	47.0	28.1	8.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	31.3	18.8	5.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	15.7	9.38	2.67	0.00	0.00	0.00	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
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
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

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Temperature:25.3DEG  
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Humidity:65.0%  
Test Distance:7.200m [K=1.0000]  
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