

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	676.9 cd per klm. 0.0 degrees vertical 1.0 degrees horizontal
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Beam Spread	At 10% of Imax	107.1V x 95.5H
	At 50% of Imax	78.6V x 81.0H
	At 90% of Imax	50.0V x 50.2H

Beam Flux	Total	998.1 lumens per klm.
	To 10% of Imax	963.8 lumens per klm.
	To 50% of Imax	816.5 lumens per klm.
	To 90% of Imax	364.9 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.8 %

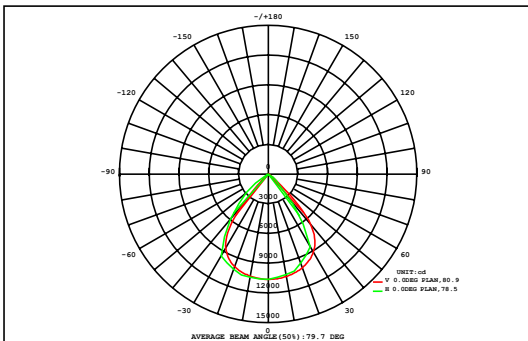
Luminaire Efficiency (Light Output Ratio)	100.0 %
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$H(\beta)$ Range: -90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-12-13

$V(B)$ Range: -75 - 75DEG
 $V(B)$ Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 6.800m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

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



DATA OF LAMP		Eff:157.20lm/W	
MODEL	AD-TG04-50W	I _{max} (cd)	10630
NOMINAL POWER (W)	100	AVAILABILITY (%)	96.9
RATED VOLTAGE (V)		Avai. FLUX (lm)	15212
NOMINAL FLUX (lm)	15703.8	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	15704
TEST VOLTAGE (V)	0	θ @50% (H, V)	81,79DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT: lm		Φ t	Φ a
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	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	0.00	0.00
80	0.00	0.00	0.00	0.00	0.02	0.16	0.31	0.41	0.35	0.17	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43	0.00
70	0.00	0.00	0.08	0.48	1.23	2.21	3.44	5.13	6.12	5.70	4.27	2.95	1.68	0.77	0.25	0.00	0.00	0.00	34.3	0.00
60	0.00	0.02	0.28	1.05	3.05	7.95	17.3	31.7	39.4	34.9	21.2	9.92	3.99	1.59	0.58	0.04	0.00	0.00	173	112
50	0.00	0.08	0.71	1.77	6.07	20.8	52.4	102	128	112	63.7	25.0	7.59	2.53	1.06	0.15	0.00	0.00	523	472
40	0.00	0.11	0.84	2.71	16.2	82.1	160	210	234	228	193	133	46.1	7.11	1.55	0.43	0.01	0.00	1316	1288
30	0.00	0.17	1.01	4.97	39.3	143	240	288	309	308	283	215	85.6	11.6	1.89	0.61	0.01	0.00	1931	1907
20	0.00	0.29	1.26	9.85	88.5	204	266	303	319	317	294	242	127	16.0	1.94	0.59	0.01	0.00	2190	2170
10	0.00	0.22	1.20	8.58	84.3	203	266	303	320	319	299	254	158	28.3	2.53	0.76	0.04	0.00	2248	2227
0	0.00	0.19	1.20	7.94	79.7	199	263	300	317	316	297	253	160	30.4	2.68	0.79	0.04	0.00	2227	2207
-10	0.00	0.24	1.32	8.59	74.4	190	254	290	306	303	279	226	103	12.0	1.93	0.57	0.01	0.00	2051	2029
-20	0.00	0.15	1.08	4.80	34.7	113	201	251	272	269	239	164	56.0	7.92	1.86	0.54	0.01	0.00	1615	1590
-30	0.00	0.08	0.86	2.22	7.71	48.6	131	179	199	195	165	94.5	19.6	4.53	1.59	0.42	0.01	0.00	1049	1016
-40	0.00	0.06	0.70	2.03	4.51	13.0	28.1	42.6	50.4	43.8	30.9	16.5	5.53	2.43	0.90	0.13	0.00	0.00	242	192
-50	0.00	0.02	0.28	1.09	2.41	5.67	10.6	16.1	19.1	16.1	10.3	5.21	2.39	1.15	0.38	0.04	0.00	0.00	90.9	2.62
-60	0.00	0.00	0.03	0.34	0.76	1.10	1.26	1.29	1.28	1.20	1.09	0.92	0.50	0.23	0.05	0.00	0.00	0.00	10.1	0.00
-70	0.00	0.00	0.01	0.05	0.11	0.21	0.28	0.33	0.34	0.31	0.25	0.18	0.09	0.04	0.01	0.00	0.00	0.00	2.22	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	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	0.00
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
Φ t	0.00	1.64	10.9	56.5	443	1233	1895	2323	2522	2469	2180	1641	777	127	19.2	5.08	0.13	0.00	15704	---
Φ a	0.00	0.00	0.00	1.83	396	1190	1865	2291	2487	2437	2152	1601	734	57.8	0.00	0.00	0.00	0.00	---	15212

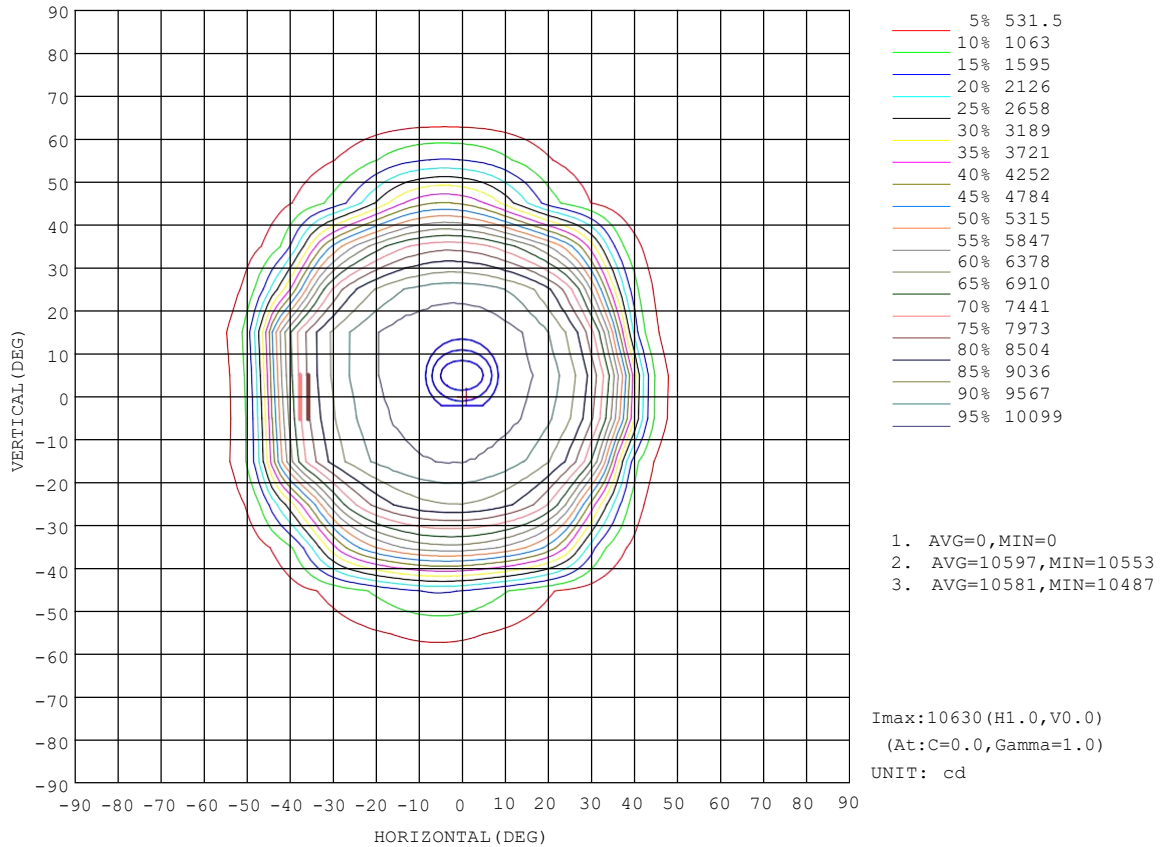
one-half-peak spread: U:37.0,D:41.9 , L:43.7,R:37N.E5MA Beam Type: Type 5 x 6 (H x V)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-12-13

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:6.800m [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:

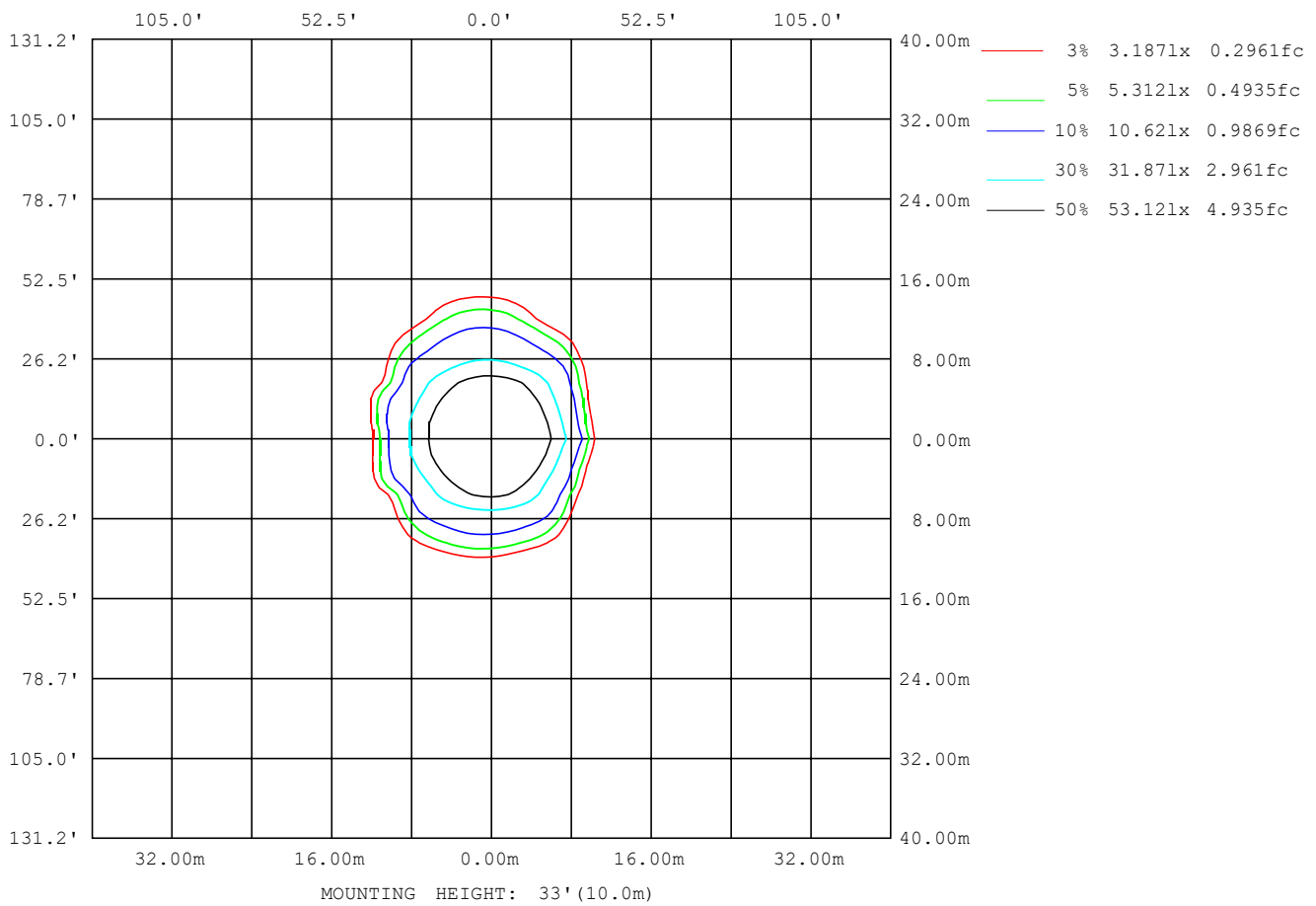


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Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 6.800m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

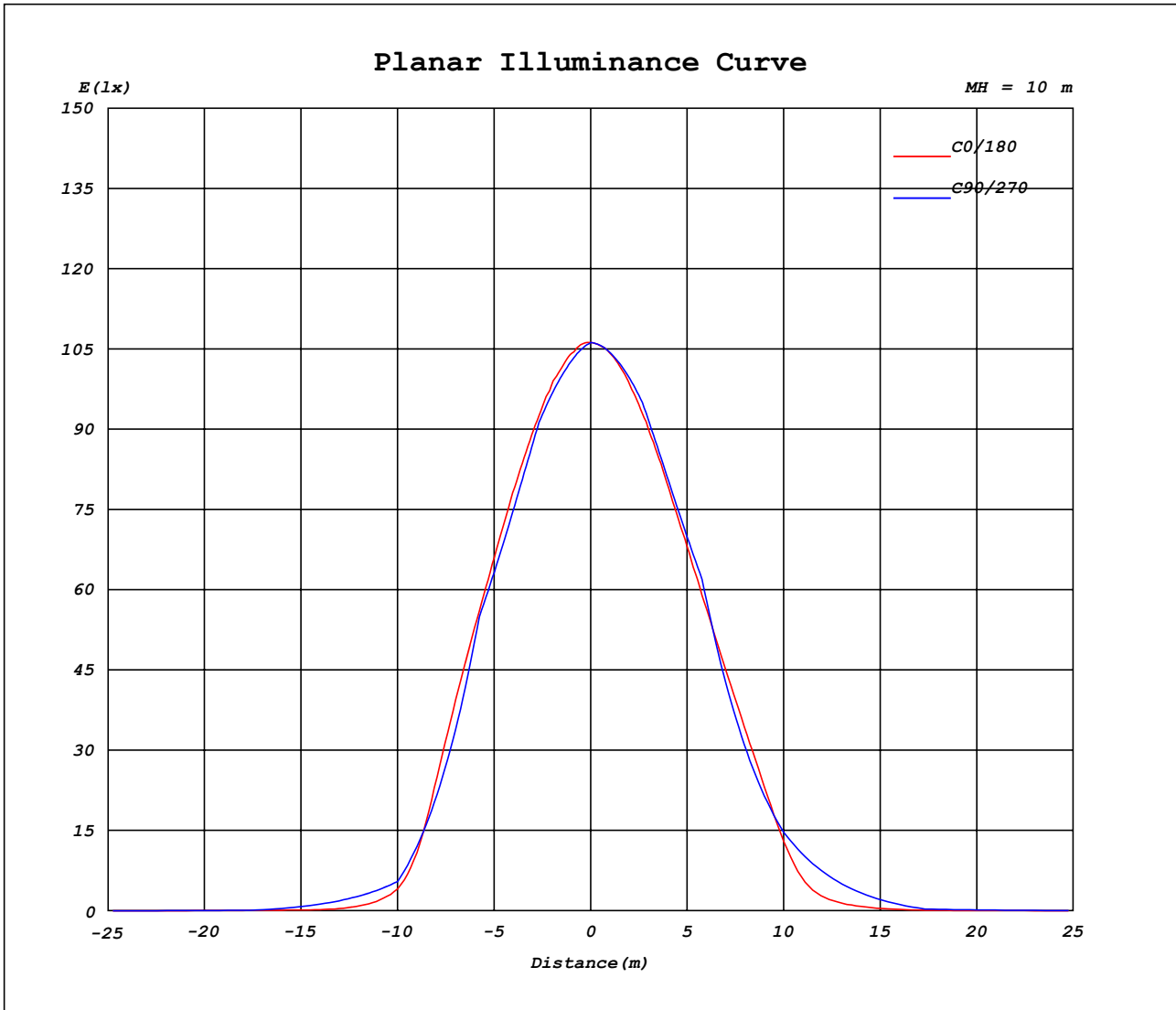
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SPEC.:	DIM.:	SERIAL No.:
MFR.: Adhesion Lighting (Guangdong) Co.,Ltd	SUR.:0.1*0.2	Shielding Angle:



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Humidity: 65.0%
Test Distance: 6.800m [K=1.0000]
Remarks:

Planar Illuminance Curve



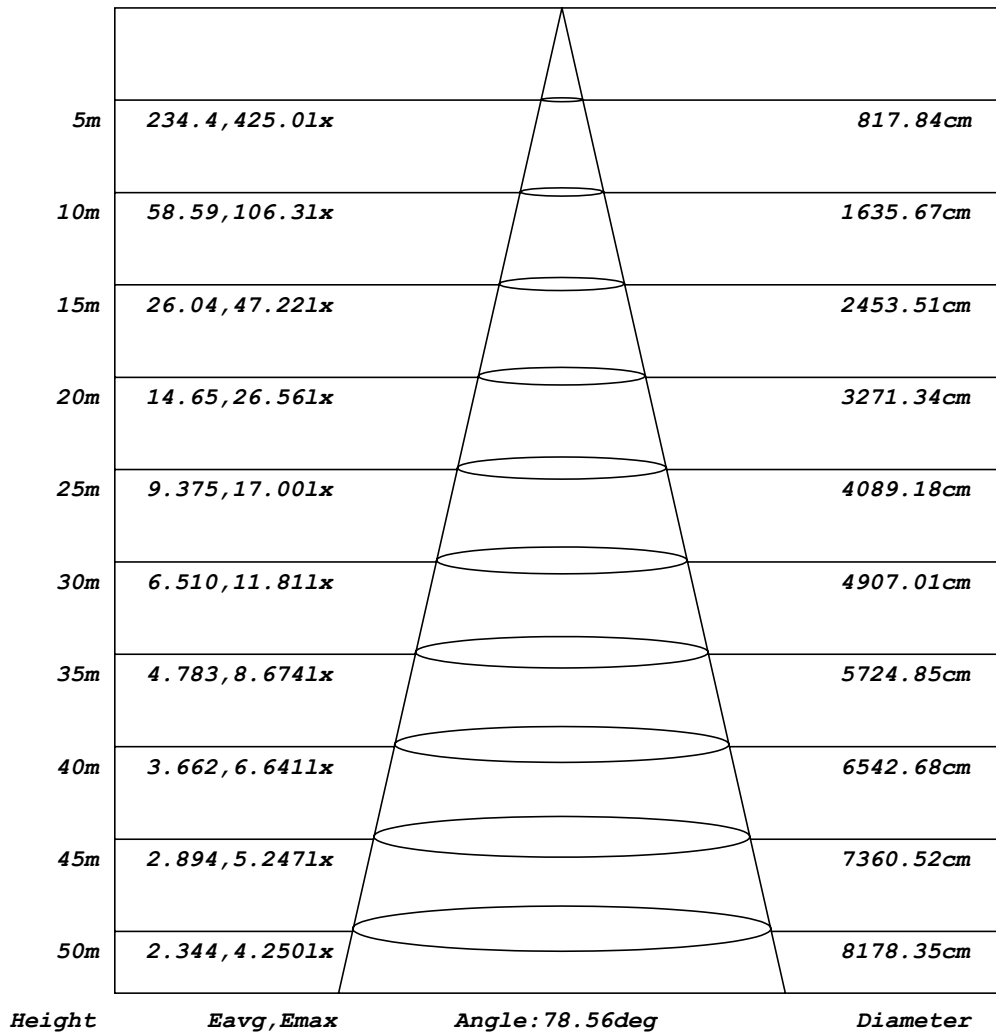
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Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-12-13

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V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 6.800m [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:12509 lm



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

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 Operators: DAMIN
 Test Date: 2022-12-13

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 V(B) Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 6.800m [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: ×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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.21	0.70	1.16	1.59	2.08	2.68	3.31	3.87	4.10	4.38	4.51	4.54	4.52	4.43
-65	0.00	0.00	0.00	0.00	0.00	0.42	1.41	2.33	3.17	4.17	5.37	6.61	7.74	8.20	8.77	9.02	9.08	9.05	8.85
-60	0.00	0.00	0.00	0.00	0.00	0.63	2.11	3.49	4.76	6.25	8.05	9.92	11.6	12.3	13.2	13.5	13.6	13.6	13.3
-55	0.00	0.00	0.00	0.24	0.91	2.20	4.28	6.20	7.94	10.8	15.8	22.5	30.1	38.2	47.0	55.3	61.6	63.8	60.8
-50	0.00	0.00	0.00	0.47	1.82	3.77	6.44	8.90	11.1	15.3	23.5	35.1	48.6	64.2	80.7	97.0	110	114	108
-45	0.00	0.00	0.00	0.71	2.73	5.34	8.60	11.6	14.3	19.8	31.2	47.7	67.1	90.1	115	139	158	164	156
-40	0.00	0.00	0.00	0.83	3.09	6.09	9.34	12.4	19.9	34.5	63.5	126	208	274	321	356	381	390	386
-35	0.00	0.00	0.00	0.96	3.46	6.83	10.1	13.2	25.6	49.2	95.8	205	349	458	528	573	604	616	616
-30	0.00	0.00	0.00	1.09	3.82	7.58	10.8	14.0	31.2	63.9	128	283	490	643	735	791	827	842	847
-25	0.00	0.00	0.09	1.72	4.84	8.42	12.4	23.3	56.8	151	288	446	615	736	810	856	885	899	902
-20	0.00	0.00	0.17	2.35	5.87	9.26	14.0	32.7	82.4	238	447	608	740	829	886	922	944	955	957
-15	0.00	0.00	0.26	2.98	6.89	10.1	15.5	42.1	108	326	607	771	866	923	962	988	1003	1011	1013
-10	0.00	0.00	0.17	2.35	6.60	9.79	14.6	40.6	108	340	626	787	880	937	977	1002	1019	1028	1029
-5	0.00	0.00	0.09	1.72	6.31	9.49	13.6	39.2	108	354	645	803	894	951	992	1017	1034	1044	1046
0	0.00	0.00	0.00	1.09	6.02	9.18	12.7	37.7	108	368	664	819	908	964	1007	1031	1050	1060	1062
5	0.00	0.00	0.07	1.79	6.38	9.18	13.9	41.3	116	378	668	820	909	965	1007	1032	1049	1058	1060
10	0.00	0.00	0.13	2.49	6.73	9.18	15.2	44.8	123	389	672	821	909	965	1007	1032	1048	1056	1057
15	0.00	0.00	0.20	3.20	7.08	9.19	16.5	48.3	130	400	676	823	910	966	1006	1033	1047	1055	1054
20	0.00	0.00	0.13	2.47	5.99	8.53	13.9	37.0	100.0	296	519	701	827	904	956	990	1009	1020	1021
25	0.00	0.00	0.07	1.74	4.89	7.88	11.4	25.8	69.9	191	363	579	745	842	906	947	970	985	987
30	0.00	0.00	0.00	1.02	3.79	7.23	8.84	14.5	39.9	87.0	207	457	663	780	856	903	932	950	954
35	0.00	0.00	0.00	0.86	3.43	6.59	8.64	13.0	31.1	66.6	154	332	483	582	660	719	757	775	775
40	0.00	0.00	0.00	0.70	3.06	5.95	8.44	11.5	22.2	46.2	102	206	303	384	464	535	581	601	595
45	0.00	0.00	0.00	0.54	2.69	5.31	8.25	9.98	13.4	25.8	49.4	81.1	123	186	268	350	405	427	416
50	0.00	0.00	0.00	0.36	1.79	3.82	6.27	8.01	10.9	20.0	36.6	58.6	87.1	130	186	242	279	295	287
55	0.00	0.00	0.00	0.18	0.90	2.33	4.30	6.03	8.48	14.2	23.9	36.1	51.0	74.1	104	134	154	162	158
60	0.00	0.00	0.00	0.00	0.00	0.84	2.33	4.05	6.03	8.39	11.2	13.6	14.9	18.2	22.0	25.6	28.2	29.5	29.3
65	0.00	0.00	0.00	0.00	0.00	0.56	1.55	2.70	4.02	5.59	7.47	9.06	10.1	12.4	15.0	17.5	19.4	20.3	20.1
70	0.00	0.00	0.00	0.00	0.00	0.28	0.78	1.35	2.01	2.80	3.73	4.53	5.25	6.61	8.02	9.48	10.6	11.1	11.0
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	0.43	0.81	1.03	1.42	1.71	1.85	1.82
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(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
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Humidity:65.0%
Test Distance:6.800m [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: ×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	0.00	0.00	0.00	0.00	0.00	0.00	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	4.15	3.74	3.45	3.18	2.58	1.97	1.43	1.04	0.79	0.53	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-65	8.30	7.49	6.90	6.36	5.15	3.95	2.86	2.08	1.59	1.06	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-60	12.5	11.2	10.3	9.54	7.73	5.92	4.29	3.12	2.38	1.59	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-55	53.2	44.0	34.9	26.1	18.6	12.7	9.40	7.13	5.28	3.62	2.10	0.89	0.23	0.00	0.00	0.00	0.00	0.00
-50	94.0	76.8	59.4	42.7	29.4	19.5	14.5	11.1	8.18	5.65	3.54	1.78	0.46	0.00	0.00	0.00	0.00	0.00
-45	135	110	84.0	59.2	40.2	26.4	19.6	15.1	11.1	7.68	4.97	2.67	0.69	0.00	0.00	0.00	0.00	0.00
-40	367	340	306	258	191	105	51.6	28.0	15.4	9.57	6.81	4.14	1.73	0.38	0.00	0.00	0.00	0.00
-35	600	571	527	457	341	184	83.7	40.8	19.6	11.4	8.64	5.60	2.78	0.76	0.00	0.00	0.00	0.00
-30	833	801	749	656	491	262	116	53.6	23.9	13.3	10.5	7.07	3.82	1.15	0.00	0.00	0.00	0.00
-25	889	862	817	740	603	403	214	79.8	31.7	14.3	10.5	7.35	3.91	1.09	0.00	0.00	0.00	0.00
-20	946	923	886	824	715	544	312	106	39.5	15.2	10.6	7.64	3.99	1.03	0.00	0.00	0.00	0.00
-15	1002	984	954	907	827	684	410	132	47.3	16.1	10.6	7.92	4.08	0.97	0.00	0.00	0.00	0.00
-10	1020	1005	978	937	866	744	512	226	70.6	23.4	11.3	8.46	4.84	1.49	0.00	0.00	0.00	0.00
-5	1039	1026	1003	966	905	803	615	320	93.8	30.6	11.9	8.99	5.59	2.01	0.00	0.00	0.00	0.00
0	1057	1047	1027	995	945	863	717	414	117	37.8	12.6	9.53	6.35	2.53	0.00	0.00	0.00	0.00
5	1054	1041	1019	983	925	828	652	342	98.2	31.5	11.9	9.04	5.65	2.04	0.00	0.00	0.00	0.00
10	1051	1035	1010	970	905	793	587	269	79.4	25.2	11.1	8.56	4.94	1.54	0.00	0.00	0.00	0.00
15	1047	1029	1001	957	884	758	522	197	60.6	18.9	10.4	8.07	4.24	1.04	0.00	0.00	0.00	0.00
20	1013	992	960	908	820	668	428	162	53.0	17.4	10.2	7.90	4.20	1.11	0.00	0.00	0.00	0.00
25	979	956	920	859	756	578	334	128	45.5	15.9	10.1	7.72	4.16	1.18	0.00	0.00	0.00	0.00
30	945	919	880	809	691	488	241	93.6	37.9	14.3	9.88	7.55	4.11	1.26	0.00	0.00	0.00	0.00
35	755	713	659	585	490	343	170	67.8	29.0	12.5	8.57	6.12	3.03	0.84	0.00	0.00	0.00	0.00
40	565	506	438	361	289	198	98.9	42.1	20.1	10.6	7.26	4.69	1.94	0.42	0.00	0.00	0.00	0.00
45	375	300	216	137	88.0	52.5	28.1	16.3	11.2	8.71	5.95	3.25	0.86	0.00	0.00	0.00	0.00	0.00
50	259	208	151	97.7	64.2	39.4	22.1	13.3	9.24	7.03	4.68	2.33	0.57	0.00	0.00	0.00	0.00	0.00
55	143	117	86.4	57.9	40.3	26.3	16.0	10.3	7.25	5.34	3.41	1.40	0.29	0.00	0.00	0.00	0.00	0.00
60	27.6	24.9	21.3	18.2	16.4	13.2	9.98	7.25	5.25	3.66	2.14	0.47	0.00	0.00	0.00	0.00	0.00	0.00
65	18.9	17.0	14.5	12.2	10.9	8.78	6.65	4.83	3.50	2.44	1.42	0.32	0.00	0.00	0.00	0.00	0.00	0.00
70	10.2	9.06	7.67	6.28	5.47	4.39	3.33	2.42	1.75	1.22	0.71	0.16	0.00	0.00	0.00	0.00	0.00	0.00
75	1.54	1.16	0.83	0.33	0.00	0.00	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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-12-13

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:6.800m [K=1.0000]
Remarks: