

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	918.6 cd per klm. 0.0 degrees vertical 1.0 degrees horizontal
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Beam Spread	At 10% of Imax	90.2V x 87.3H
	At 50% of Imax	67.5V x 63.5H
	At 90% of Imax	38.3V x 43.7H

Beam Flux	Total	999.1 lumens per klm.
	To 10% of Imax	930.8 lumens per klm.
	To 50% of Imax	721.5 lumens per klm.
	To 90% of Imax	352.9 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

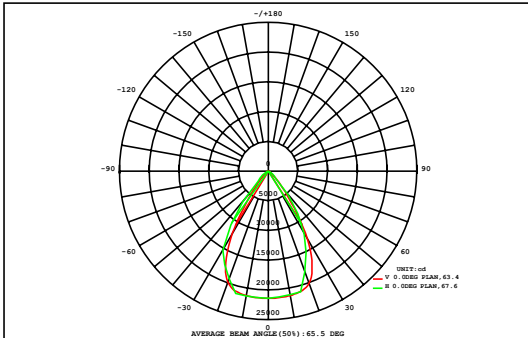
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-12-13

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:

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:161.74lm/W	
MODEL	AD-TG04-150W	I _{max} (cd)	21394
NOMINAL POWER (W)	150W	AVAILABILITY (%)	93.5
RATED VOLTAGE (V)		Avai. FLUX (lm)	21770
NOMINAL FLUX (lm)	23290.2	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	23290
TEST VOLTAGE (V)	0	θ @50% (H,V)	63,68DEG

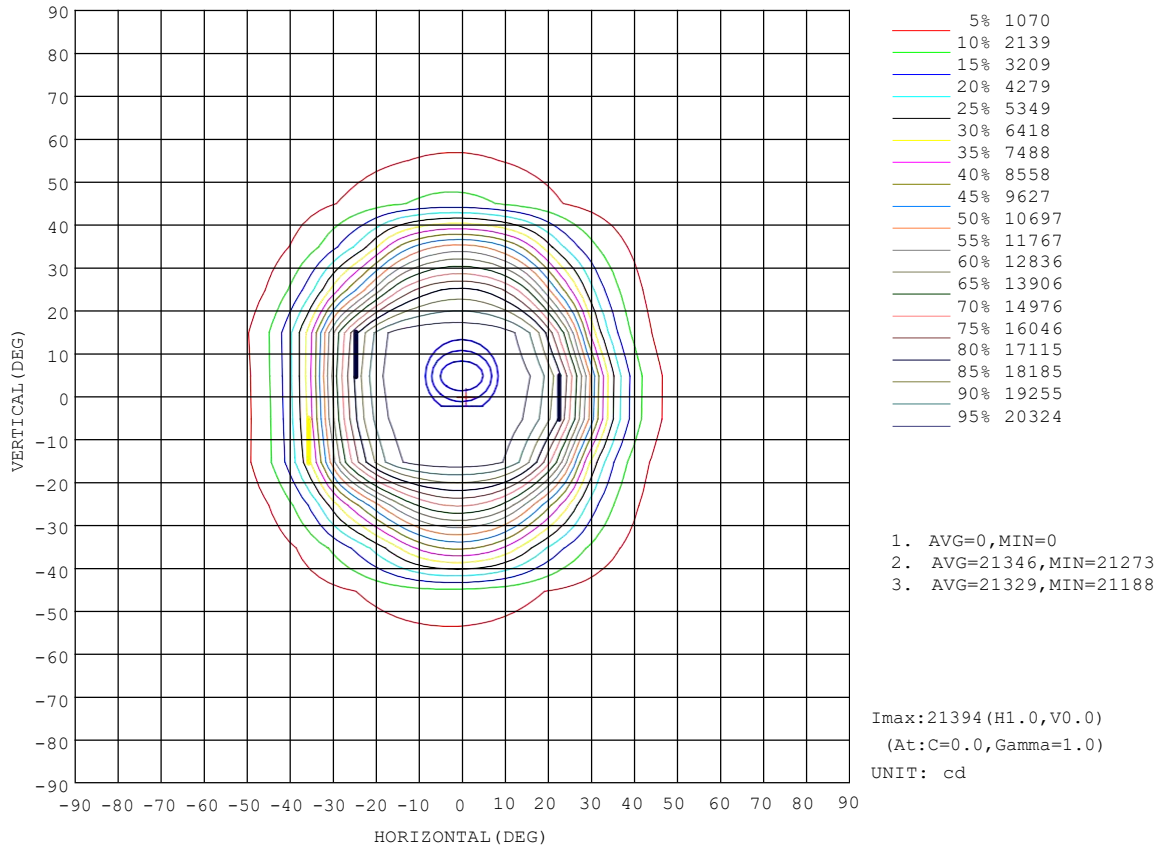
		AREA FLUX DIAGRAM															UNIT:lm		Φt	Φa													
VERTICAL (DEG)	90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00											
	80	0.00	0.07	0.28	0.32	0.44	0.76	0.74	0.67	0.51	0.53	0.69	0.84	0.63	0.40	0.35	0.33	0.10	0.00	7.65	0.00												
	70	0.00	0.21	0.70	1.24	2.31	4.35	7.27	10.0	11.9	11.9	10.2	7.42	4.33	2.35	1.31	0.74	0.26	0.00	76.5	0.00												
	60	0.01	0.36	1.09	2.60	5.23	9.75	17.8	26.8	33.0	31.8	24.4	15.6	8.64	4.97	2.24	1.04	0.36	0.00	186	0.00												
	50	0.03	0.56	1.62	5.06	10.5	19.3	36.8	59.0	73.8	69.0	48.6	27.5	14.6	9.20	3.33	1.33	0.38	0.00	381	135												
	40	0.02	0.59	2.02	5.70	14.6	46.5	122	245	325	321	234	108	39.3	12.5	5.14	1.80	0.53	0.01	1484	1382												
	30	0.02	0.67	2.51	6.80	25.0	96.9	247	428	531	527	410	207	67.2	16.5	6.15	2.13	0.60	0.01	2574	2497												
		0.04	0.84	3.19	8.83	48.0	194	453	605	644	640	568	342	101	21.9	5.59	2.15	0.50	0.00	3638	3574												
		0.02	0.72	3.02	8.06	46.7	199	468	611	646	645	598	422	150	32.0	6.41	2.51	0.60	0.01	3839	3779												
		0.03	0.68	2.96	7.71	45.5	194	463	607	644	643	598	432	160	34.2	6.57	2.58	0.61	0.02	3843	3782												
		0.06	0.81	3.15	8.22	44.2	172	420	584	634	629	538	304	89.9	20.4	5.43	2.07	0.46	0.00	3456	3390												
		0.03	0.65	2.42	6.90	24.2	90.3	224	362	448	441	336	175	57.8	15.5	5.56	1.93	0.52	0.00	2192	2110												
	-30	0.01	0.54	1.84	5.74	10.8	31.0	77.4	172	256	250	160	73.1	30.7	11.3	4.95	1.68	0.48	0.00	1087	965												
	-40	0.01	0.50	1.54	4.93	10.4	16.6	29.2	46.8	59.2	56.1	40.2	23.4	13.6	8.33	2.86	1.20	0.28	0.00	315	156												
	-50	0.00	0.30	0.99	2.63	5.20	8.59	15.0	22.4	27.0	25.6	19.6	12.5	7.14	4.30	1.92	0.96	0.22	0.00	154	0.00												
	-60	0.00	0.15	0.52	0.89	1.43	2.67	4.39	5.85	6.82	7.05	6.18	4.47	2.30	1.31	1.05	0.69	0.14	0.00	45.9	0.00												
	-70	0.00	0.09	0.23	0.31	0.45	0.94	1.09	1.28	1.30	1.42	1.41	1.32	0.68	0.41	0.34	0.37	0.02	0.00	11.7	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	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	0.00												
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)															20	30	40	50	60	70	80	90	
Φt	0.27	7.75	28.1	75.9	295	1086	2587	3787	4341	4300	3592	2157	748	196	59.2	23.5	6.05	0.06	23290	---													
Φa	0.00	0.00	0.00	0.00	122	955	2469	3671	4236	4187	3470	2046	592	22.8	0.00	0.00	0.00	0.00	---	21770													

one-half-peak spread: U:32.3,D:35.5 , L:33.3,R:30.3 NEMA Beam Type: Type 5

<i>H(β) Range:-90 - 90DEG</i>	<i>V(B) Range:-75 - 75DEG</i>
<i>H(β) Interval: 1.0DEG</i>	<i>V(B) Interval: 5.0DEG</i>
<i>Test Speed: HIGH</i>	<i>Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411</i>
<i>Temperature:25.3DEG</i>	<i>Humidity:65.0%</i>
<i>Operators:DAMIN</i>	<i>Test Distance:6.800m [K=1.0000]</i>
<i>Test Date:2022-12-13</i>	<i>Remarks:</i>

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:

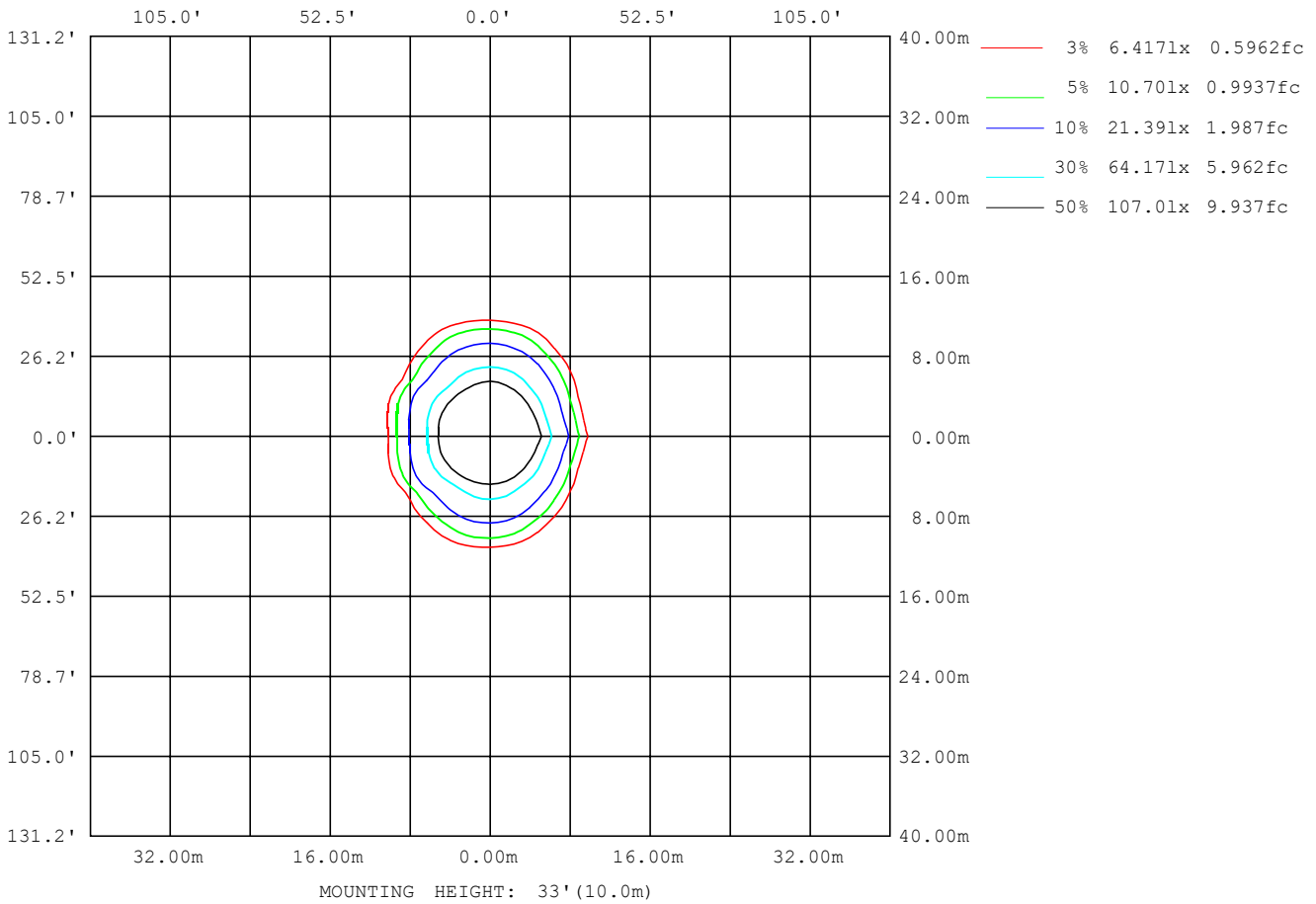


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-12-13

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:

ISOLUX DIAGRAM

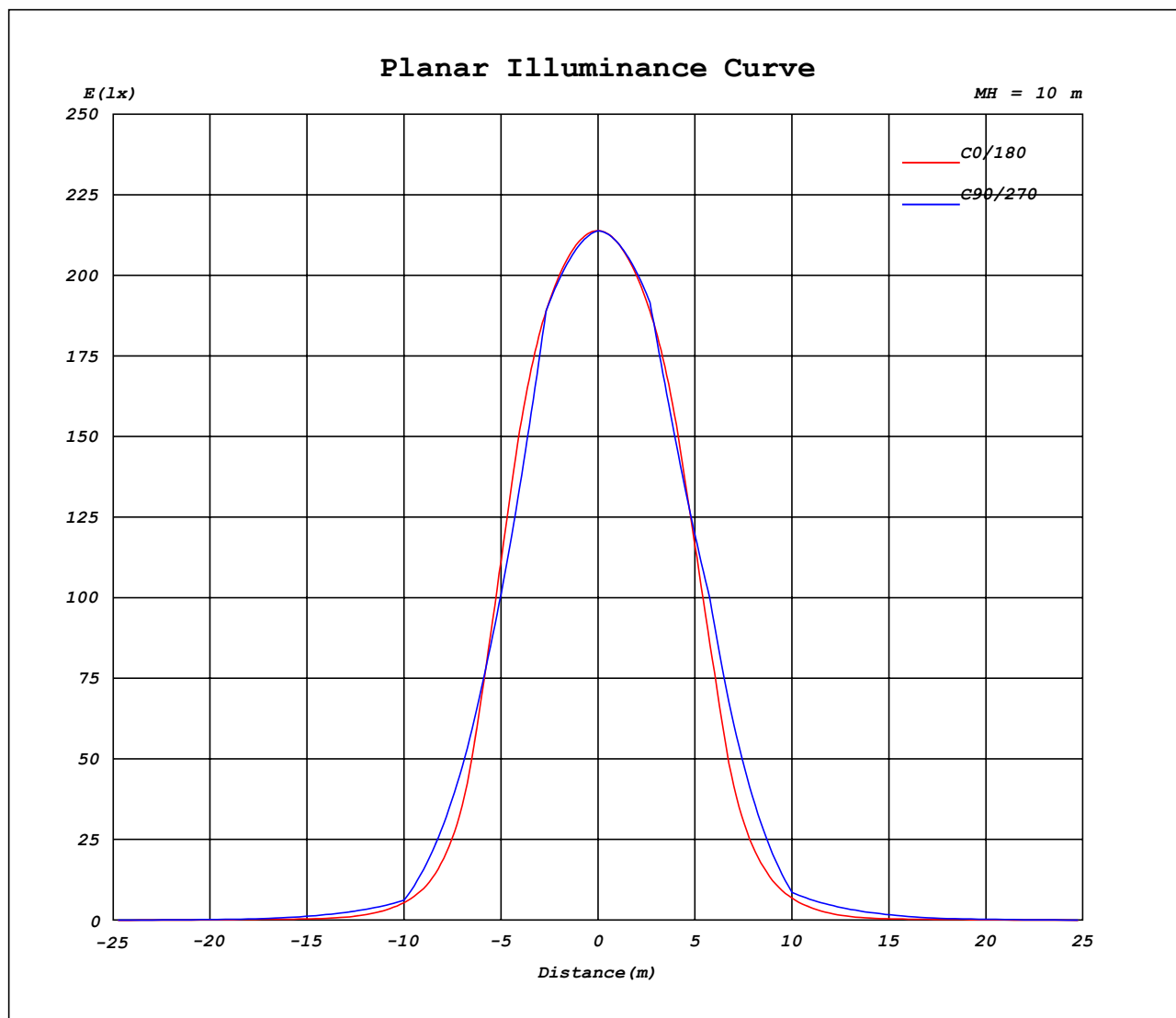
NAME: LED Flood Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Adhesion Lighting (Guangdong) Co.,Ltd	SUR.:0.1*0.2	Shielding Angle:



H(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:

Planar Illuminance Curve



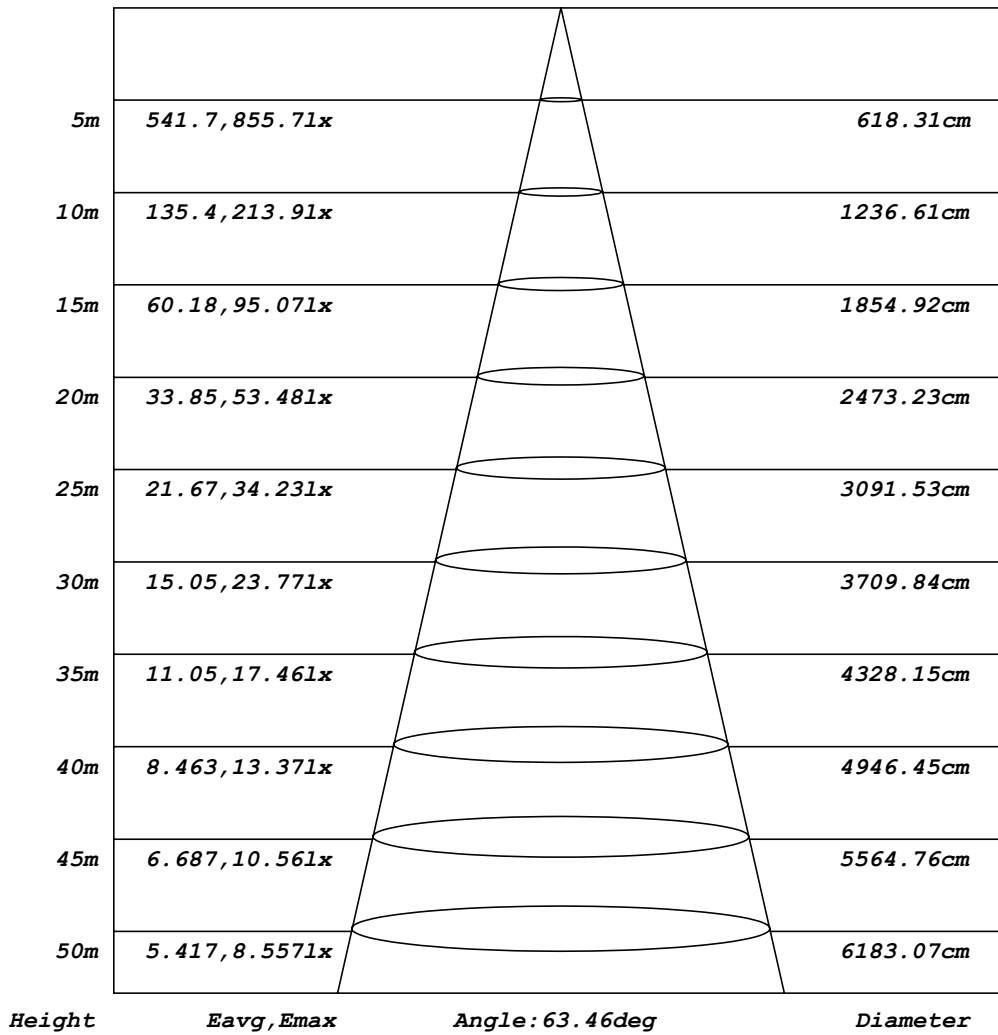
H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-12-13

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:

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:16611 lm



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

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:

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	0.33	2.65	1.71	1.39	1.87	1.72	1.79	2.62	4.02	3.66	3.06	2.76	2.59	1.64	1.37	1.50
-70	0.00	0.00	0.00	0.91	3.31	2.89	3.08	4.02	4.55	5.24	6.54	8.73	10.2	11.6	13.1	14.6	15.2	15.8	16.1
-65	0.00	0.00	0.00	1.50	3.97	4.06	4.76	6.16	7.38	8.69	10.5	13.4	16.7	20.2	23.5	26.5	28.7	30.2	30.7
-60	0.00	0.00	0.00	2.08	4.63	5.23	6.45	8.31	10.2	12.1	14.4	18.1	23.2	28.7	33.8	38.5	42.2	44.6	45.3
-55	0.00	0.00	0.66	3.31	5.90	7.24	9.91	14.6	20.4	24.2	27.4	33.9	43.1	54.0	65.7	76.6	84.9	89.7	89.6
-50	0.00	0.00	1.33	4.53	7.17	9.25	13.4	20.8	30.7	36.3	40.5	49.8	63.0	79.3	97.6	115	128	135	134
-45	0.00	0.00	1.99	5.75	8.44	11.3	16.8	27.1	40.9	48.3	53.5	65.6	82.9	105	130	153	170	180	178
-40	0.00	0.00	2.37	6.01	8.97	12.4	19.5	30.4	41.4	52.4	72.5	108	157	219	298	387	467	514	524
-35	0.00	0.00	2.75	6.26	9.51	13.6	22.1	33.7	41.8	56.5	91.4	150	231	334	466	621	764	849	869
-30	0.00	0.00	3.14	6.51	10.0	14.8	24.7	37.0	42.3	60.5	110	192	305	449	634	856	1060	1183	1214
-25	0.00	0.35	3.76	7.38	11.9	17.8	26.7	38.0	58.1	104	195	345	576	811	1031	1239	1398	1487	1509
-20	0.00	0.70	4.37	8.24	13.8	20.9	28.7	39.0	74.0	147	279	498	848	1173	1429	1623	1736	1792	1804
-15	0.00	1.06	4.99	9.10	15.7	24.0	30.7	40.0	89.9	191	363	651	1120	1535	1826	2006	2074	2096	2099
-10	0.00	0.70	4.02	8.91	14.8	23.5	30.2	38.8	88.8	193	375	687	1186	1603	1886	2036	2090	2109	2112
-5	0.00	0.35	3.05	8.71	13.8	23.1	29.7	37.5	87.7	194	387	723	1252	1671	1946	2066	2107	2122	2126
0	0.00	0.00	2.08	8.51	12.9	22.7	29.2	36.3	86.7	196	399	759	1318	1740	2005	2096	2124	2135	2139
5	0.00	0.03	3.07	9.04	14.0	23.5	29.3	38.5	90.3	199	400	750	1296	1711	1984	2088	2120	2132	2135
10	0.00	0.06	4.06	9.57	15.1	24.3	29.4	40.7	93.9	202	401	741	1274	1682	1962	2080	2117	2130	2131
15	0.00	0.09	5.05	10.1	16.2	25.1	29.6	42.9	97.5	205	401	732	1253	1654	1940	2073	2113	2127	2127
20	0.00	0.06	4.03	9.25	14.6	22.2	28.1	40.1	79.4	160	312	565	962	1296	1577	1771	1869	1918	1930
25	0.00	0.03	3.01	8.41	13.0	19.4	26.7	37.3	61.4	116	222	398	672	939	1215	1469	1624	1709	1733
30	0.00	0.00	1.99	7.57	11.4	16.5	25.2	34.4	43.3	71.1	133	231	382	581	853	1168	1380	1500	1535
35	0.00	0.00	2.39	7.34	10.8	15.0	22.5	32.2	42.8	63.7	108	180	288	431	624	846	996	1082	1106
40	0.00	0.00	2.78	7.11	10.1	13.6	19.8	29.9	42.2	56.3	82.6	128	195	282	396	524	613	664	676
45	0.00	0.00	3.17	6.88	9.54	12.1	17.2	27.6	41.6	48.9	57.5	76.0	101	132	168	202	229	246	246
50	0.00	0.00	2.12	5.69	8.26	10.2	14.1	21.5	31.5	37.4	44.5	58.6	77.6	101	126	151	171	183	184
55	0.00	0.00	1.06	4.50	6.97	8.37	11.0	15.4	21.4	26.0	31.5	41.2	54.0	69.3	85.3	100	113	121	122
60	0.00	0.00	0.00	3.31	5.69	6.51	7.94	9.26	11.3	14.5	18.5	23.9	30.4	37.8	44.1	49.7	54.5	57.8	59.5
65	0.00	0.00	0.00	2.57	4.71	5.33	6.11	7.00	8.36	10.6	13.3	17.4	21.7	26.4	30.5	34.2	37.3	39.3	40.3
70	0.00	0.00	0.00	1.83	3.73	4.14	4.28	4.73	5.46	6.67	8.13	10.8	12.9	15.0	16.8	18.6	20.0	20.7	21.1
75	0.00	0.00	0.00	1.10	2.75	2.96	2.45	2.47	2.55	2.75	2.96	4.31	4.23	3.58	3.10	3.12	2.82	2.18	1.89
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
Test Date:2022-12-13

V(B) Range:-75 - 75DEG
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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:

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	2.28	3.06	3.43	4.17	4.79	3.73	2.30	1.97	2.00	1.25	1.83	3.04	3.01	0.83	0.00	0.00	0.00	0.00
-70	16.2	15.8	14.6	13.4	12.0	9.27	6.66	5.43	4.82	3.88	3.97	4.44	4.21	2.37	0.46	0.00	0.00	0.00
-65	30.1	28.5	25.7	22.7	19.2	14.8	11.0	8.89	7.64	6.50	6.11	5.83	5.41	3.91	0.92	0.00	0.00	0.00
-60	44.1	41.2	36.9	32.0	26.4	20.4	15.4	12.4	10.5	9.13	8.25	7.23	6.61	5.44	1.38	0.00	0.00	0.00
-55	85.1	76.9	66.7	55.8	45.1	35.4	27.9	24.3	20.0	14.4	10.6	8.63	7.47	6.10	1.71	0.00	0.00	0.00
-50	126	113	96.5	79.5	63.9	50.5	40.4	36.3	29.5	19.6	12.9	10.0	8.33	6.76	2.04	0.00	0.00	0.00
-45	167	148	126	103	82.6	65.5	53.0	48.2	39.1	24.9	15.2	11.4	9.19	7.42	2.36	0.00	0.00	0.00
-40	497	438	350	260	187	130	89.2	64.2	44.7	29.7	21.4	14.6	10.7	8.31	3.89	0.54	0.00	0.00
-35	828	727	573	417	291	194	125	80.2	50.4	34.5	27.6	17.9	12.1	9.19	5.41	1.07	0.00	0.00
-30	1158	1017	796	573	395	258	162	96.2	56.0	39.3	33.7	21.1	13.6	10.1	6.94	1.61	0.00	0.00
-25	1467	1352	1147	895	631	379	220	122	66.2	39.8	32.9	21.9	14.1	10.1	6.30	1.37	0.00	0.00
-20	1775	1687	1499	1217	868	501	278	148	76.3	40.4	32.0	22.8	14.6	10.1	5.66	1.13	0.00	0.00
-15	2083	2023	1850	1539	1105	622	336	175	86.5	40.9	31.1	23.6	15.1	10.1	5.02	0.89	0.00	0.00
-10	2101	2057	1932	1690	1301	820	441	224	110	50.8	31.6	25.8	16.8	10.8	6.03	1.55	0.00	0.00
-5	2119	2092	2015	1840	1498	1018	546	273	134	60.6	32.0	28.0	18.5	11.6	7.04	2.22	0.00	0.00
0	2137	2126	2098	1991	1694	1217	651	323	157	70.4	32.5	30.2	20.2	12.4	8.05	2.88	0.00	0.00
5	2130	2109	2050	1886	1548	1050	560	279	135	60.9	32.1	28.3	18.7	11.8	7.24	2.32	0.00	0.00
10	2122	2092	2002	1781	1402	884	470	235	114	51.4	31.7	26.4	17.2	11.1	6.44	1.76	0.00	0.00
15	2115	2075	1953	1676	1256	717	380	192	92.1	41.8	31.4	24.5	15.7	10.5	5.63	1.20	0.00	0.00
20	1906	1834	1677	1385	1012	588	320	165	81.2	41.7	33.2	24.0	15.4	10.7	6.21	1.71	0.00	0.00
25	1696	1594	1401	1093	768	459	259	138	70.4	41.5	35.0	23.6	15.1	10.9	6.79	2.21	0.00	0.00
30	1487	1353	1125	802	524	330	199	112	59.6	41.3	36.8	23.2	14.8	11.0	7.37	2.71	0.00	0.00
35	1068	969	805	578	382	245	152	90.8	54.2	37.2	30.5	19.7	13.3	9.97	6.49	1.83	0.00	0.00
40	649	584	485	354	240	159	104	69.9	48.8	33.0	24.2	16.2	11.8	8.90	5.61	0.96	0.00	0.00
45	229	200	165	130	98.2	73.6	57.1	49.1	43.4	28.8	17.8	12.6	10.3	7.84	4.73	0.09	0.00	0.00
50	172	152	127	102	78.3	59.3	46.1	39.0	33.9	23.2	15.1	11.2	9.11	7.15	4.60	0.36	0.00	0.00
55	115	103	88.6	73.4	58.4	45.1	35.0	28.9	24.4	17.5	12.4	9.79	7.91	6.46	4.47	0.64	0.00	0.00
60	58.2	55.0	50.3	45.0	38.5	30.8	24.0	18.8	14.9	11.9	9.74	8.38	6.72	5.78	4.34	0.92	0.00	0.00
65	39.6	37.6	34.6	31.2	27.0	22.1	17.0	13.4	10.8	8.74	7.36	6.73	5.64	4.81	3.43	0.61	0.00	0.00
70	21.0	20.2	18.8	17.4	15.5	13.3	10.1	7.95	6.64	5.59	4.97	5.08	4.56	3.84	2.52	0.31	0.00	0.00
75	2.36	2.86	3.05	3.51	4.03	4.61	3.18	2.53	2.50	2.44	2.58	3.43	3.48	2.86	1.61	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: