

COB High Power Surface Down Light Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	733.2 cd per klm. 0.0 degrees vertical -2.0 degrees horizontal
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Beam Spread	At 10% of Imax	107.7V x 94.2H
	At 50% of Imax	75.0V x 76.5H
	At 90% of Imax	40.6V x 44.6H

Beam Flux	Total	998.5 lumens per klm.
	To 10% of Imax	952.8 lumens per klm.
	To 50% of Imax	780.8 lumens per klm.
	To 90% of Imax	298.3 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

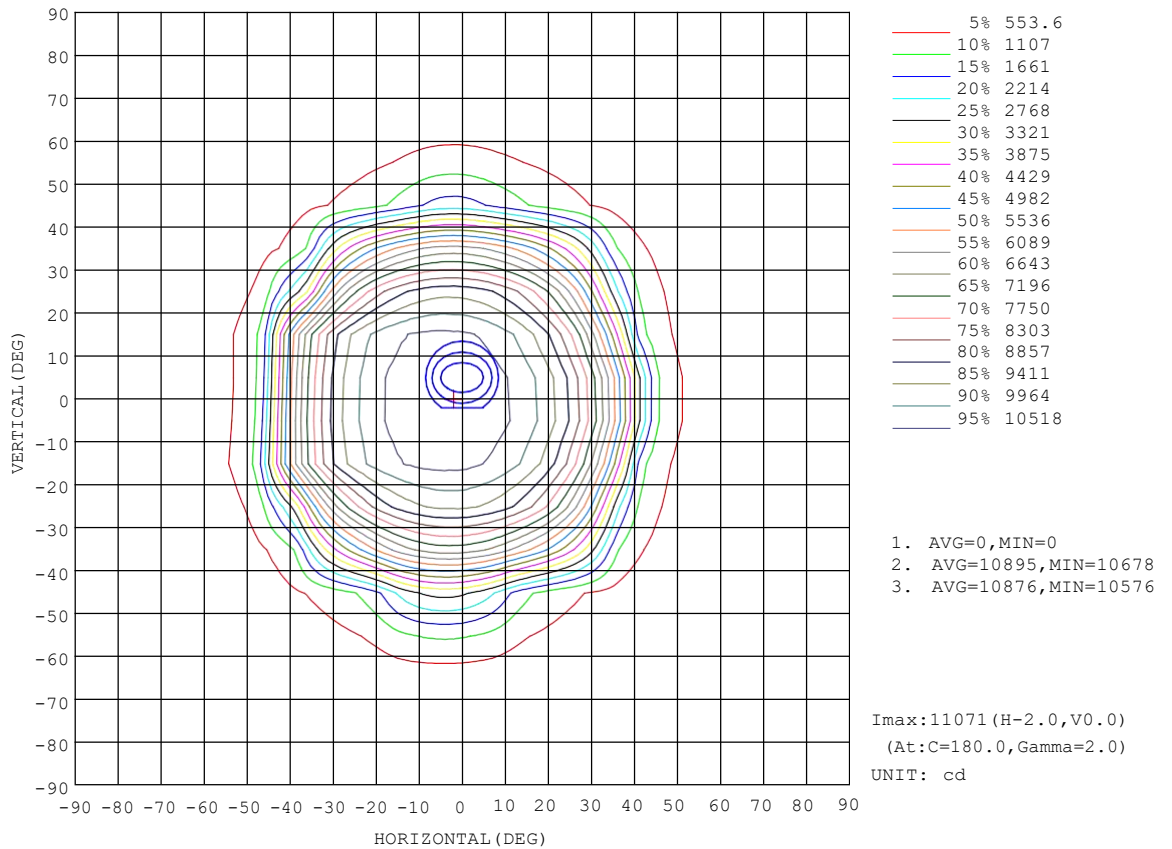
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-12-13

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:7.000m [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:

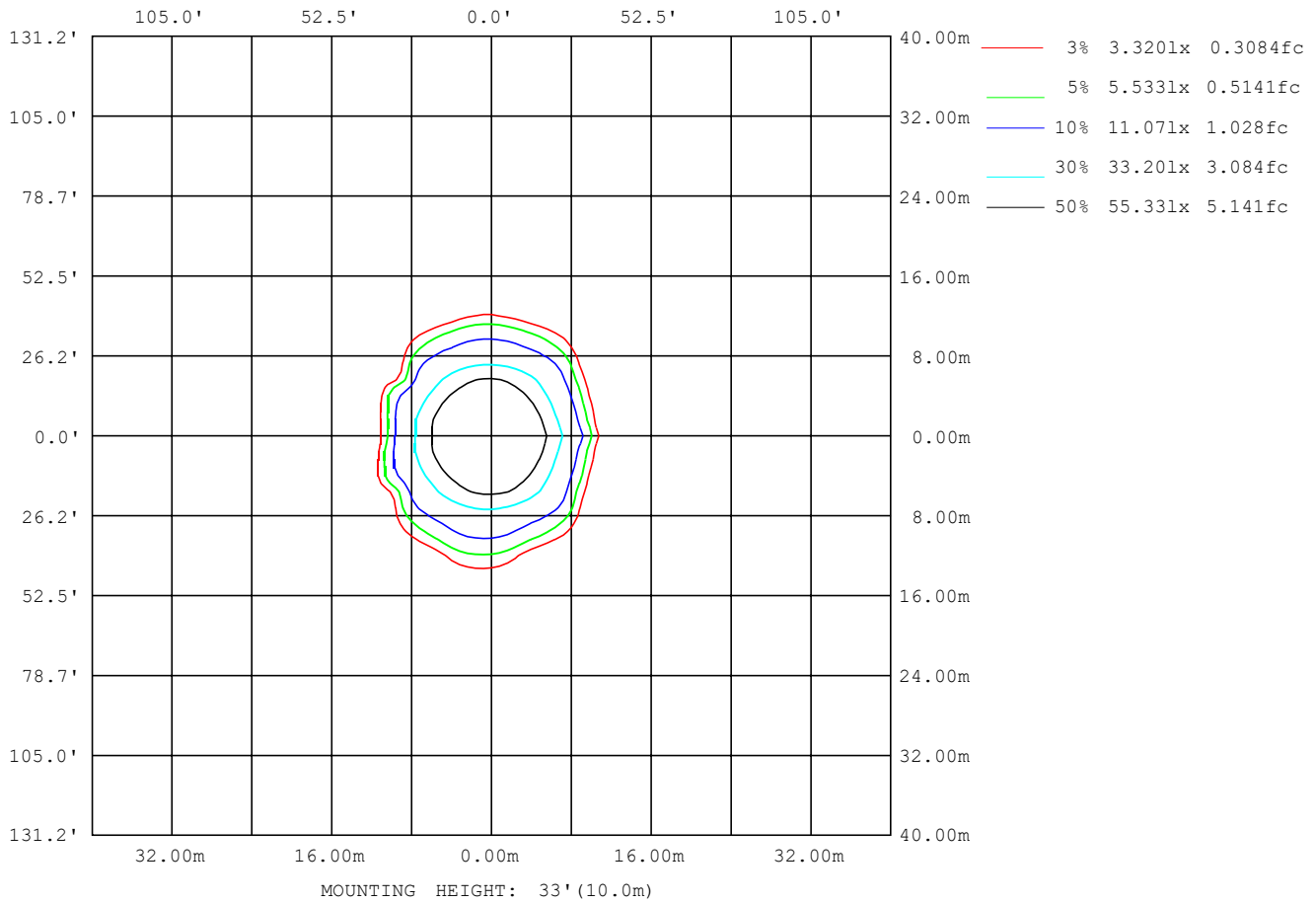


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-12-13

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:7.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

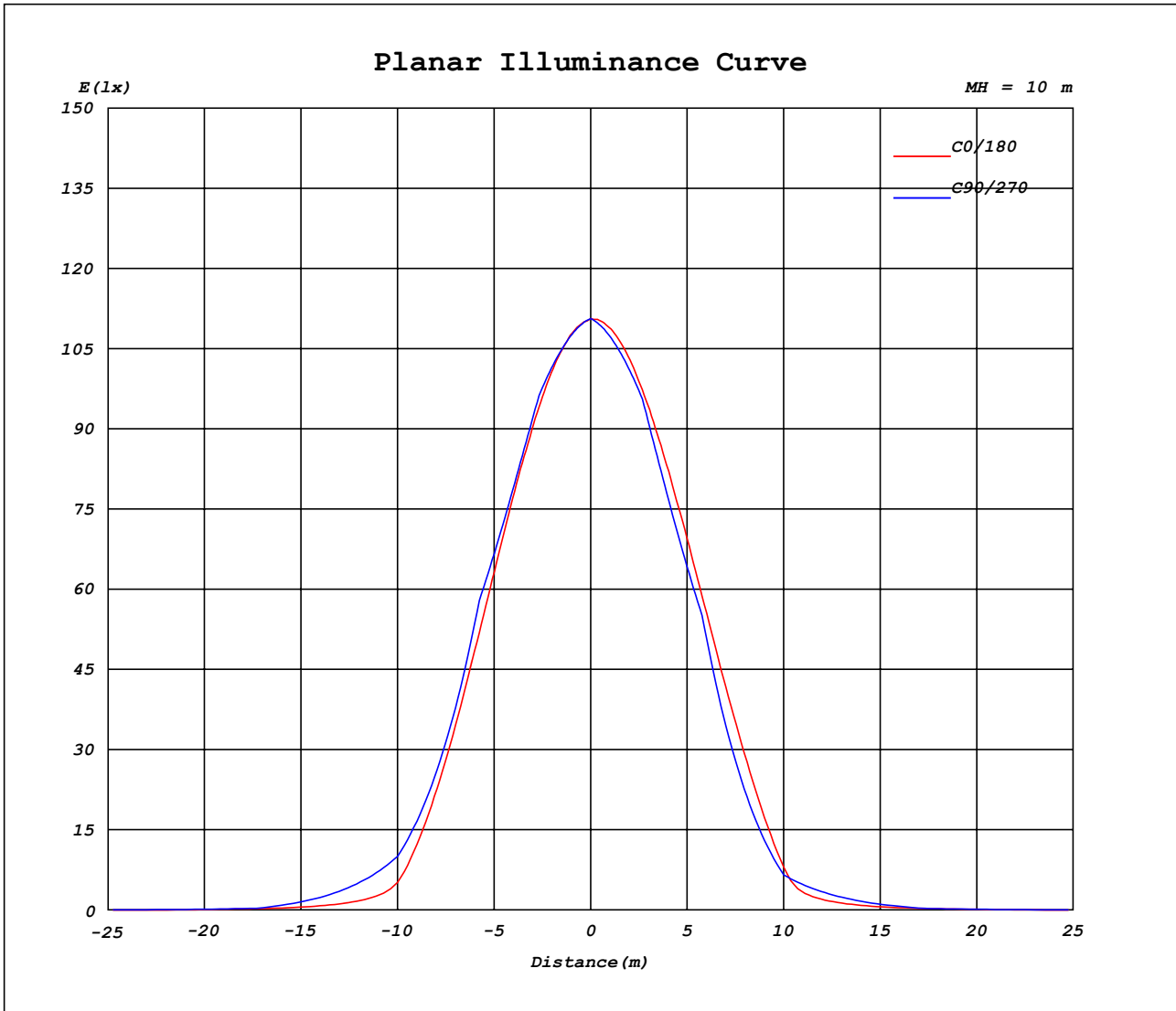
NAME: LED Flood Light	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Adhesion Lighting (Guangdong) Co.,Ltd	SUR.:0.1*0.2	Shielding Angle:



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: 7.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



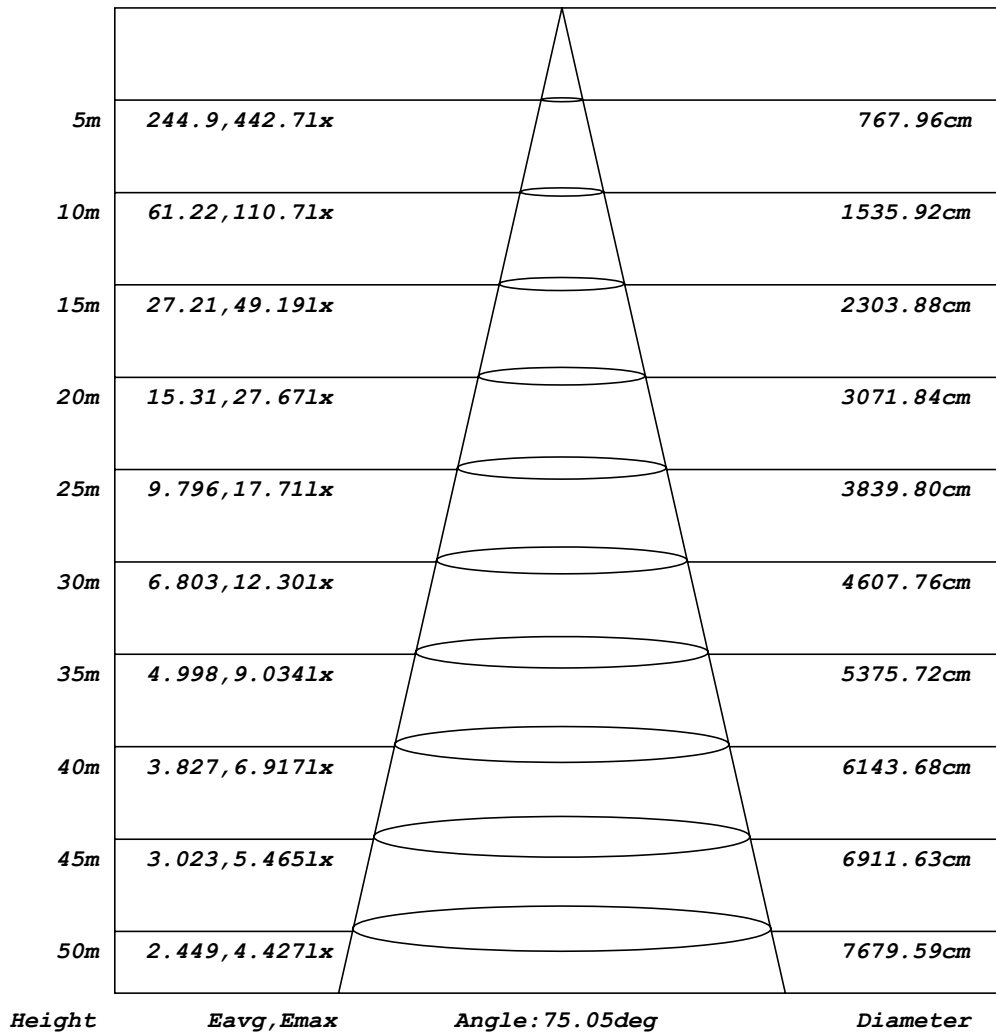
H(β) Range: -90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-12-13

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: 7.000m [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:11741 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: 7.000m [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	0.00	0.00	0.00	0.00	0.00	1.81	4.54	6.19	7.48	8.51	9.21	9.53	9.68	9.64
-65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.62	9.07	12.4	15.0	17.0	18.4	19.1	19.4	19.3
-60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.43	13.6	18.6	22.4	25.5	27.6	28.6	29.1	28.9
-55	0.00	0.00	0.00	0.00	0.00	0.00	1.01	5.21	8.03	10.8	18.6	29.2	39.3	50.7	67.5	93.7	111	117	114
-50	0.00	0.00	0.00	0.00	0.00	0.00	2.02	10.4	16.1	21.7	31.7	44.8	60.0	78.9	109	160	193	206	200
-45	0.00	0.00	0.00	0.00	0.00	0.00	3.03	15.6	24.1	32.5	44.9	60.4	80.7	107	151	226	275	294	285
-40	0.00	0.00	0.00	0.00	0.00	0.49	7.68	19.4	30.3	44.5	70.0	145	225	288	353	426	473	493	488
-35	0.00	0.00	0.00	0.00	0.00	0.98	12.3	23.3	36.6	56.4	95.1	229	368	469	554	626	670	691	690
-30	0.00	0.00	0.00	0.00	0.00	1.47	17.0	27.1	42.8	68.4	120	314	512	649	755	826	868	890	892
-25	0.00	0.00	0.00	0.00	0.30	7.01	21.1	34.7	58.3	133	261	457	635	754	842	899	933	950	951
-20	0.00	0.00	0.00	0.00	0.60	12.6	25.2	42.3	73.8	198	401	599	758	859	929	973	999	1010	1009
-15	0.00	0.00	0.00	0.00	0.90	18.1	29.3	49.9	89.3	263	542	742	880	964	1016	1046	1064	1070	1068
-10	0.00	0.00	0.00	0.00	0.60	17.3	28.3	47.9	85.8	251	541	748	888	974	1026	1058	1075	1082	1081
-5	0.00	0.00	0.00	0.00	0.30	16.5	27.3	46.0	82.4	240	540	754	896	984	1037	1069	1087	1093	1094
0	0.00	0.00	0.00	0.00	0.00	15.6	26.3	44.0	79.0	228	539	760	904	995	1048	1080	1098	1105	1107
5	0.00	0.00	0.00	0.00	0.06	16.4	26.9	44.3	78.2	218	527	745	890	980	1035	1067	1085	1092	1091
10	0.00	0.00	0.00	0.00	0.12	17.3	27.4	44.6	77.5	207	515	729	875	965	1022	1054	1072	1079	1076
15	0.00	0.00	0.00	0.00	0.18	18.1	28.0	45.0	76.7	197	503	714	860	950	1009	1041	1059	1065	1061
20	0.00	0.00	0.00	0.00	0.12	12.1	24.1	38.1	63.2	149	364	540	715	829	906	953	981	993	990
25	0.00	0.00	0.00	0.00	0.06	6.04	20.2	31.2	49.7	102	225	365	569	708	803	865	902	921	919
30	0.00	0.00	0.00	0.00	0.00	0.02	16.4	24.3	36.2	54.0	85.4	191	424	586	701	778	824	848	849
35	0.00	0.00	0.00	0.00	0.00	0.01	10.9	20.7	31.1	45.2	68.8	143	302	416	499	560	603	627	628
40	0.00	0.00	0.00	0.00	0.00	0.01	5.46	17.1	26.1	36.4	52.2	94.2	181	245	298	343	381	406	407
45	0.00	0.00	0.00	0.00	0.00	0.00	0.01	13.5	21.0	27.6	35.7	45.9	58.8	74.8	97.0	126	160	185	187
50	0.00	0.00	0.00	0.00	0.00	0.00	0.01	9.03	14.0	18.4	23.8	32.8	44.1	56.3	71.9	92.0	115	132	134
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.51	7.00	9.22	11.9	19.7	29.4	37.8	46.8	58.0	70.6	79.5	80.3
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	6.66	14.6	19.4	21.7	23.9	25.7	26.8	27.1
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	4.44	9.76	12.9	14.5	15.9	17.2	17.9	18.1
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	4.88	6.46	7.23	7.96	8.58	8.94	9.04
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

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H(β) Interval: 1.0DEG
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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:7.000m [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	9.34	8.91	8.31	7.73	6.86	5.69	3.92	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-65	18.7	17.8	16.6	15.5	13.7	11.4	7.83	2.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-60	28.0	26.7	24.9	23.2	20.6	17.1	11.7	3.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-55	102	79.3	57.6	45.0	35.9	28.1	20.7	11.8	7.24	5.03	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-50	175	132	90.2	66.9	51.1	39.2	29.6	20.6	14.5	10.1	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-45	249	184	123	88.8	66.4	50.2	38.6	29.3	21.7	15.1	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-40	458	403	342	290	235	170	90.0	48.5	32.5	22.0	8.78	4.60	0.00	0.00	0.00	0.00	0.00	0.00
-35	667	622	561	492	403	289	141	67.7	43.2	28.8	16.1	9.21	0.00	0.00	0.00	0.00	0.00	0.00
-30	876	840	780	693	571	408	193	86.9	54.0	35.7	23.4	13.8	0.00	0.00	0.00	0.00	0.00	0.00
-25	934	901	846	766	650	491	281	126	62.6	39.5	25.2	14.8	0.00	0.00	0.00	0.00	0.00	0.00
-20	993	963	912	838	730	574	369	164	71.1	43.3	26.9	15.8	0.00	0.00	0.00	0.00	0.00	0.00
-15	1051	1024	978	910	809	657	457	203	79.7	47.1	28.6	16.7	0.01	0.00	0.00	0.00	0.00	0.00
-10	1066	1042	1000	938	845	704	515	269	102	54.4	32.3	19.1	2.60	0.00	0.00	0.00	0.00	0.00
-5	1081	1059	1022	966	880	752	573	335	125	61.7	36.0	21.4	5.20	0.00	0.00	0.00	0.00	0.00
0	1096	1077	1044	994	916	800	630	402	147	69.0	39.8	23.8	7.79	0.00	0.00	0.00	0.00	0.00
5	1079	1055	1017	959	871	742	563	331	126	62.0	35.9	21.0	5.20	0.00	0.00	0.00	0.00	0.00
10	1061	1034	989	923	826	684	496	261	104	55.0	32.1	18.3	2.60	0.00	0.00	0.00	0.00	0.00
15	1044	1012	961	888	781	626	429	190	82.2	47.9	28.2	15.5	0.00	0.00	0.00	0.00	0.00	0.00
20	973	936	881	802	692	536	344	158	74.1	44.1	26.6	13.6	0.00	0.00	0.00	0.00	0.00	0.00
25	901	861	802	717	602	446	259	125	65.9	40.2	25.0	11.6	0.00	0.00	0.00	0.00	0.00	0.00
30	829	786	722	631	512	356	174	92.1	57.8	36.3	23.4	9.69	0.00	0.00	0.00	0.00	0.00	0.00
35	609	570	519	451	365	255	130	71.2	45.6	27.7	15.6	6.46	0.00	0.00	0.00	0.00	0.00	0.00
40	389	355	316	270	218	155	85.1	50.3	33.4	19.1	7.80	3.23	0.00	0.00	0.00	0.00	0.00	0.00
45	168	140	113	89.8	70.7	54.0	40.6	29.4	21.3	10.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	121	102	83.2	67.0	53.1	40.2	28.6	19.6	14.2	6.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	73.7	63.5	53.5	44.3	35.5	26.4	16.5	9.80	7.09	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	26.5	25.3	23.9	21.5	17.9	12.6	4.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	17.6	16.8	15.9	14.3	11.9	8.40	3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	8.82	8.42	7.97	7.16	5.97	4.20	1.51	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

H(β) Range:-90 - 90DEG
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Temperature:25.3DEG
Operators:DAMIN
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V(B) Interval: 5.0DEG
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Humidity:65.0%
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