

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	765.1 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	159.8V x 140.3H
	At 50% of Imax	38.3V x 119.8H
	At 90% of Imax	10.9V x 105.4H

Beam Flux	Total	998.8 lumens per klm.
	To 10% of Imax	881.4 lumens per klm.
	To 50% of Imax	530.8 lumens per klm.
	To 90% of Imax	50.7 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

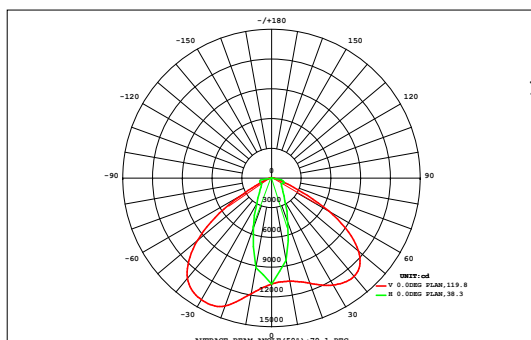
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

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:

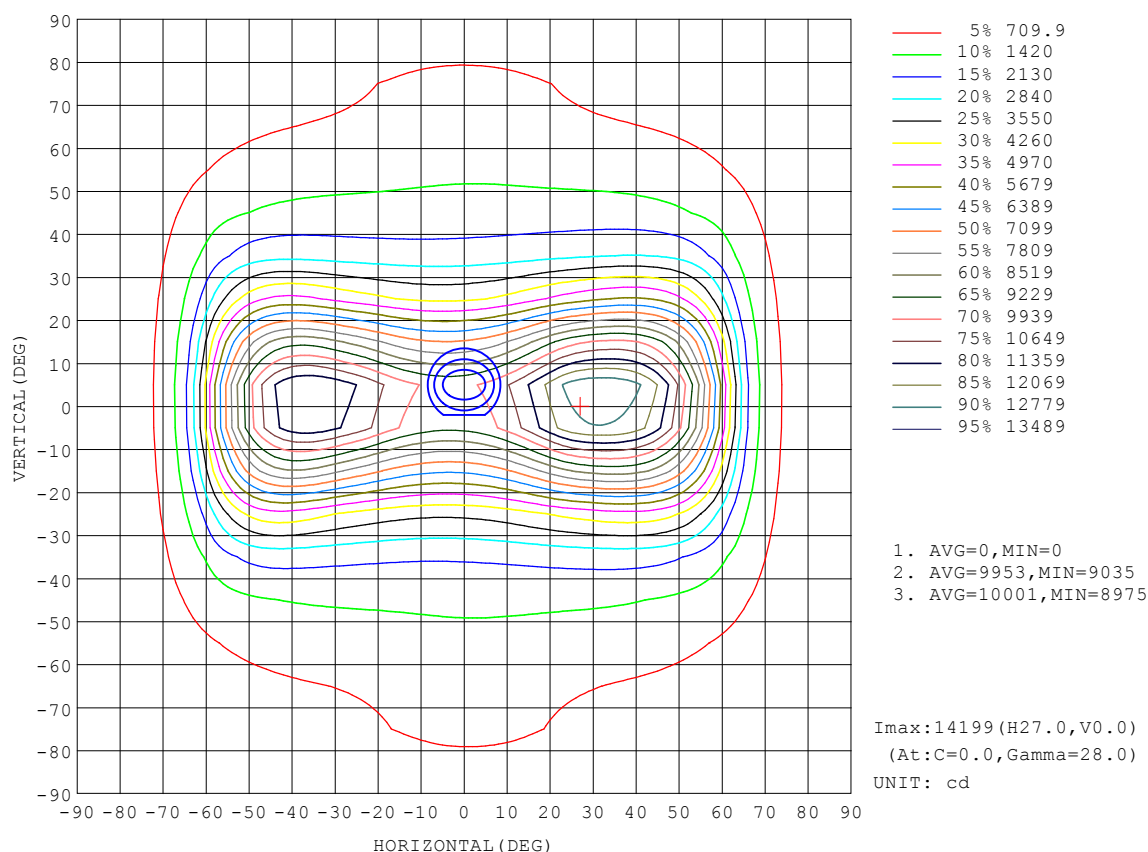
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.99V I:0.6495A P:140.68W PF:0.9846 Freq:49.99Hz Lamp Flux:18556.8x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:150W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



ISOCANDELA DIAGRAM

Test:U:219.99V I:0.6495A P:140.68W PF:0.9846 Freq:49.99Hz Lamp Flux:18556.8x1 lm		
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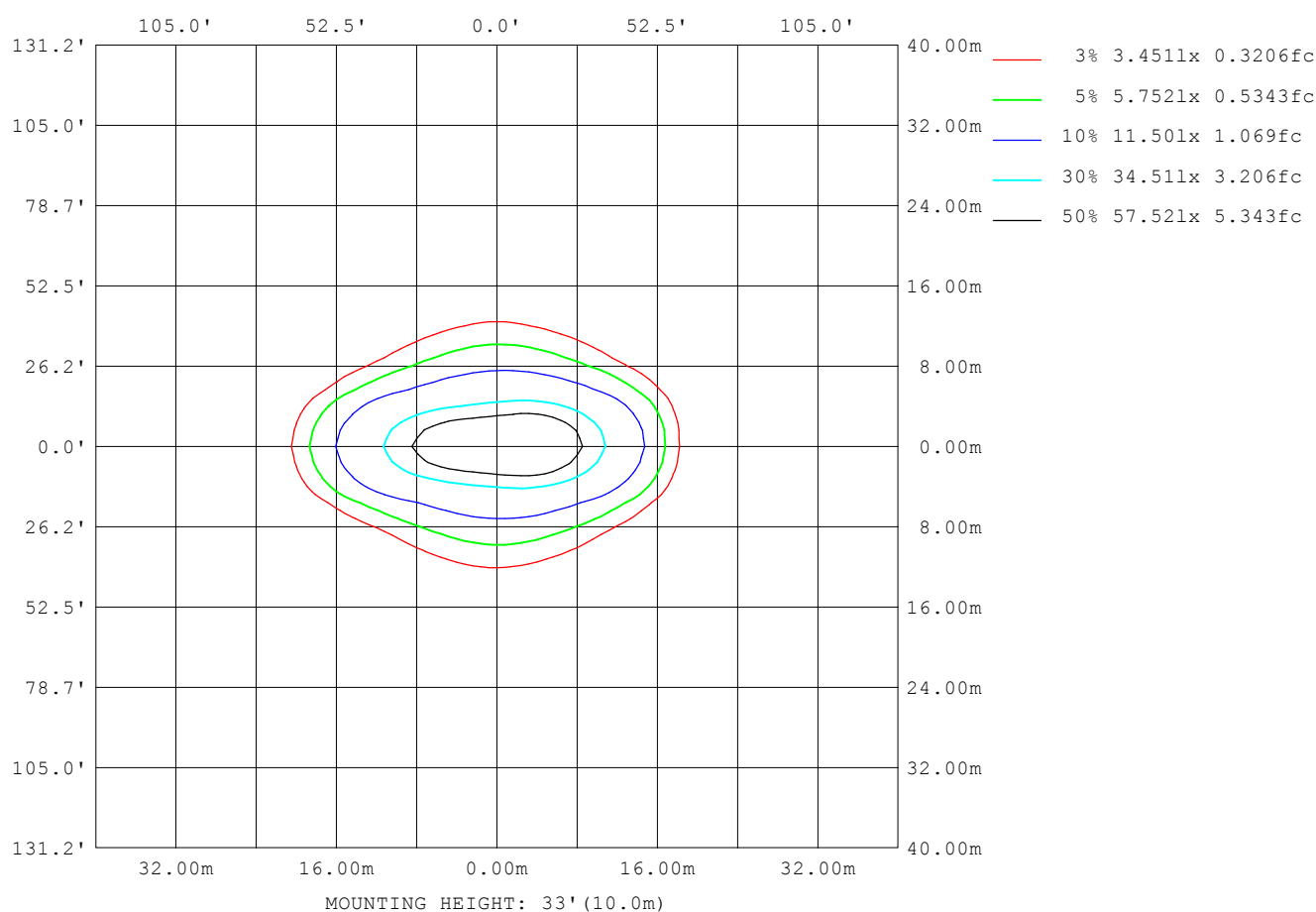


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

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

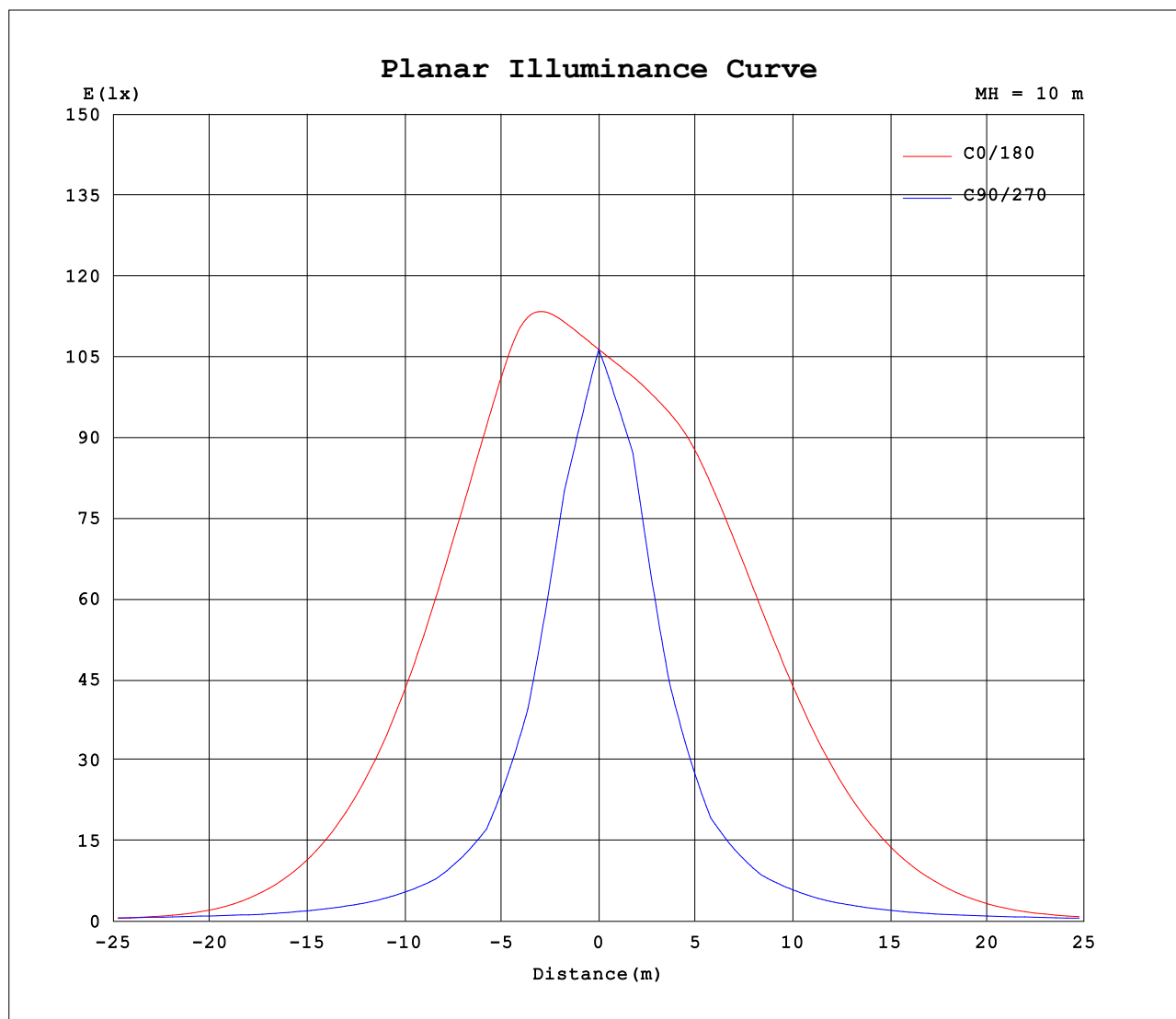
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SPEC.:150W	DIM.: N/A	SERIAL No.:N/A
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

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



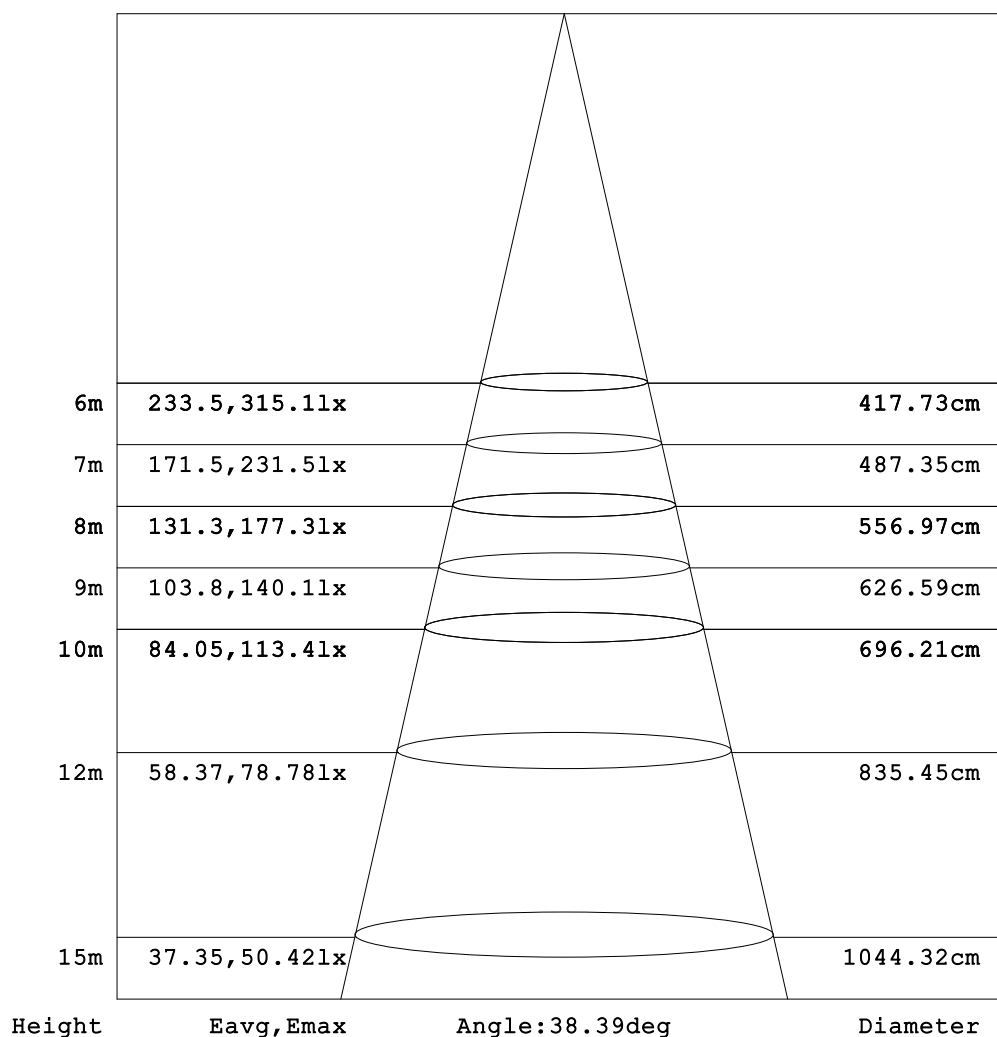
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

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:

AAI Figure

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SPEC.:150W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:3311 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:CL
Test Date:17 October 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

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SPEC.:150W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

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	0.36	1.73	4.16	6.64	9.17	11.8	14.4	17.0	19.8	22.9	26.3	30.7	37.2	46.4	58.9	75.2	90.7	99.3	99.5
-75	0.27	0.85	4.78	8.80	12.9	17.2	21.5	25.5	29.5	33.8	37.8	41.6	46.2	53.0	62.7	77.0	95.7	113	121
-70	0.40	4.51	10.2	15.9	21.8	27.8	33.5	38.8	44.3	49.6	53.7	57.6	62.8	70.5	82.5	101	123	139	140
-65	0.27	1.56	9.05	16.3	23.9	32.0	40.1	47.2	53.9	60.0	64.7	68.4	72.2	77.4	84.5	94.5	108	120	127
-60	0.48	7.76	16.6	25.8	35.7	46.1	55.4	63.8	71.1	76.3	80.2	83.5	87.4	92.3	97.8	104	109	112	112
-55	0.27	2.53	13.4	24.3	36.4	49.9	63.4	75.4	84.6	91.3	96.4	100	104	107	111	115	119	122	123
-50	0.56	10.9	23.1	36.9	53.1	70.2	86.3	98.7	107	113	118	122	124	127	129	131	133	134	134
-45	0.28	3.76	17.7	32.2	49.9	72.3	96.7	118	132	140	145	148	150	151	152	153	154	155	155
-40	0.71	13.9	29.2	47.8	72.7	104	134	155	167	173	176	177	177	177	176	176	176	176	177
-35	0.29	5.02	21.0	38.8	63.0	99.6	148	197	227	238	238	234	230	227	224	221	220	220	221
-30	0.76	15.8	33.2	56.3	93.8	151	224	280	304	304	296	287	279	273	268	265	264	264	266
-25	0.32	6.43	23.5	43.7	75.6	134	235	355	437	471	470	450	425	406	389	377	370	367	369
-20	0.86	17.5	36.6	64.5	119	224	396	539	622	643	622	583	546	518	495	479	472	471	479
-15	0.36	7.47	25.2	47.3	86.8	170	348	565	728	818	847	832	796	756	717	682	659	650	653
-10	0.88	18.3	38.4	70.6	139	300	570	803	958	1040	1061	1041	997	948	895	855	832	828	843
-5	0.42	8.15	26.2	49.6	94.7	196	438	727	956	1099	1167	1176	1147	1102	1046	993	957	940	944
0	1.14	19.1	39.9	74.0	152	344	663	947	1144	1256	1294	1283	1245	1191	1129	1083	1057	1052	1069
5	0.46	8.33	26.6	50.3	96.2	199	442	735	968	1116	1188	1201	1177	1136	1081	1027	991	975	980
10	1.13	18.9	39.5	72.7	144	308	582	824	988	1078	1108	1096	1062	1017	964	924	901	899	917
15	0.48	8.04	26.2	49.2	90.6	177	359	581	753	854	896	894	864	828	787	748	722	711	717
20	1.14	18.5	38.5	68.0	126	236	411	561	655	692	690	660	623	592	561	537	526	527	540
25	0.51	7.38	25.0	46.4	80.4	142	247	370	459	505	515	504	481	459	441	424	413	409	413
30	1.07	17.1	35.6	60.5	101	161	237	296	329	337	331	321	312	305	299	295	293	295	298
35	0.56	6.12	22.8	41.8	67.8	107	158	209	243	260	263	260	255	250	247	244	243	243	244
40	1.01	15.2	31.7	51.7	78.9	113	144	167	182	189	192	192	192	191	191	191	191	192	194
45	0.61	4.62	19.3	35.1	54.3	78.7	105	127	142	152	158	161	163	163	164	165	166	167	168
50	0.93	12.1	25.2	40.4	58.0	76.5	94.1	107	115	122	128	132	134	136	138	139	141	142	143
55	0.65	3.08	14.9	26.8	40.1	54.8	69.4	82.3	91.9	99.2	105	109	113	116	119	122	126	128	129
60	0.86	8.97	18.5	28.7	39.7	51.0	60.8	70.1	77.6	83.1	87.3	91.0	95.0	99.6	105	109	113	116	116
65	0.69	2.00	10.4	18.5	27.0	36.0	44.7	52.5	59.8	65.8	70.5	74.5	78.8	84.1	91.1	100	110	119	123
70	0.81	5.44	11.9	18.4	25.1	31.7	38.1	43.9	49.6	54.6	58.6	63.0	68.7	76.6	88.0	103	119	129	128
75	0.73	1.24	5.87	10.6	15.5	20.5	25.4	30.1	34.7	39.3	43.4	47.5	52.7	60.4	71.4	87.3	106	119	124
80	0.77	2.37	5.50	8.67	11.9	15.2	18.4	21.8	25.4	29.0	32.9	37.9	45.4	56.5	72.5	93.8	111	118	117
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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MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

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	91.2	76.3	59.3	45.6	36.1	29.4	24.8	21.3	18.3	15.6	13.0	10.4	7.90	5.41	3.10	1.12	0.55	0.27	
-75	117	103	83.7	66.5	54.8	47.0	41.5	37.5	33.7	29.4	25.2	21.2	17.1	12.9	8.84	4.97	1.71	0.44	
-70	128	107	86.2	72.1	63.4	57.6	53.3	49.2	44.1	38.0	32.6	27.1	21.3	15.5	9.88	4.66	0.64	0.28	
-65	124	114	100	88.0	79.3	73.2	68.5	64.7	60.3	54.4	47.5	40.5	33.0	25.2	17.7	10.6	4.02	0.44	
-60	109	104	98.5	92.7	87.4	82.9	79.1	75.2	69.8	62.5	53.9	45.1	35.3	25.9	17.0	8.56	1.07	0.32	
-55	123	120	117	112	108	104	101	96.3	91.0	84.2	75.3	64.1	51.8	39.2	27.3	16.6	6.79	0.45	
-50	134	132	129	127	124	121	117	111	104	95.8	83.6	68.5	53.1	37.9	24.5	12.7	1.93	0.37	
-45	156	156	155	154	153	152	149	145	138	129	116	97.7	76.3	55.1	37.4	22.5	9.52	0.48	
-40	178	179	180	180	180	179	176	171	161	147	127	102	73.5	50.1	31.9	16.3	2.76	0.39	
-35	223	225	229	232	236	238	239	238	231	217	191	153	109	72.1	46.4	27.7	12.0	0.52	
-30	270	276	282	288	294	299	302	299	286	258	211	150	97.3	60.8	37.6	19.6	3.88	0.42	
-25	376	389	408	428	446	461	472	474	460	423	355	255	152	89.2	53.2	31.3	13.8	0.55	
-20	496	524	558	591	616	637	647	637	596	514	384	229	123	69.7	40.9	21.3	4.78	0.46	
-15	670	703	751	807	851	876	885	872	827	737	595	403	207	106	58.2	33.5	15.0	0.58	
-10	879	937	1011	1081	1121	1129	1113	1062	961	804	583	328	150	76.9	43.3	22.6	5.69	0.49	
-5	969	1019	1092	1179	1250	1274	1269	1234	1151	1007	798	527	252	117	61.3	34.6	15.5	0.64	
0	1113	1183	1277	1371	1416	1417	1393	1320	1184	975	696	381	161	79.5	43.8	22.7	5.75	0.52	
5	1007	1060	1137	1229	1305	1331	1326	1292	1205	1053	832	548	259	118	61.7	34.7	15.5	0.70	
10	958	1023	1107	1188	1235	1244	1229	1173	1061	883	635	352	156	78.4	43.7	22.7	5.71	0.55	
15	740	781	840	910	966	997	1009	996	943	836	670	448	223	110	59.3	33.9	15.1	0.71	
20	566	606	657	704	740	770	782	766	710	605	446	258	132	72.1	41.7	21.6	4.82	0.56	
25	425	445	472	504	531	553	571	575	557	509	422	298	168	94.6	54.9	32.0	14.1	0.71	
30	305	314	326	337	349	360	368	369	355	319	256	172	106	63.8	38.8	20.2	4.21	0.58	
35	248	252	258	265	272	278	284	286	280	264	230	180	121	77.8	48.9	29.0	12.6	0.69	
40	195	197	199	201	203	204	203	198	189	173	148	115	81.1	53.8	34.0	17.5	3.32	0.59	
45	169	169	169	170	170	170	169	165	159	149	134	113	86.0	60.9	40.7	24.5	10.4	0.68	
50	142	142	140	139	138	135	131	126	119	109	96.3	78.3	59.7	42.4	27.3	14.0	2.12	0.62	
55	129	127	124	121	118	115	112	108	103	95.7	86.0	73.4	58.9	44.3	30.7	18.6	7.76	0.67	
60	113	109	105	99.8	95.5	91.9	88.5	84.4	78.9	71.2	61.3	51.3	40.3	29.4	19.3	9.81	1.35	0.64	
65	120	111	101	92.1	85.3	80.0	75.9	72.3	67.8	61.8	54.5	46.4	38.0	29.1	20.5	12.4	4.90	0.69	
70	117	101	86.3	75.7	68.3	63.0	59.0	55.0	49.9	43.9	38.0	31.6	25.0	18.3	11.9	5.78	0.92	0.67	
75	119	106	88.1	71.8	60.8	53.0	47.7	43.8	39.9	35.3	30.6	25.9	21.0	16.0	11.1	6.47	2.30	0.71	
80	107	89.9	69.1	53.7	43.2	36.1	31.5	28.1	24.6	21.0	17.6	14.3	11.0	7.77	4.73	1.99	0.75	0.70	
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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