

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	764.9 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	160.0V x 140.3H
	At 50% of Imax	38.4V x 119.8H
	At 90% of Imax	11.7V x 105.4H

Beam Flux	Total	998.5 lumens per klm.
	To 10% of Imax	881.1 lumens per klm.
	To 50% of Imax	530.6 lumens per klm.
	To 90% of Imax	50.7 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

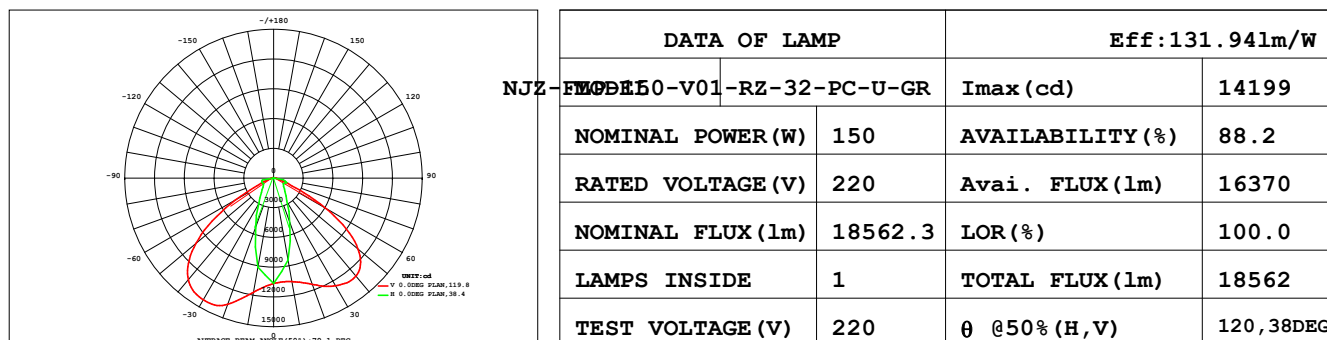
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

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:18562.3x1 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



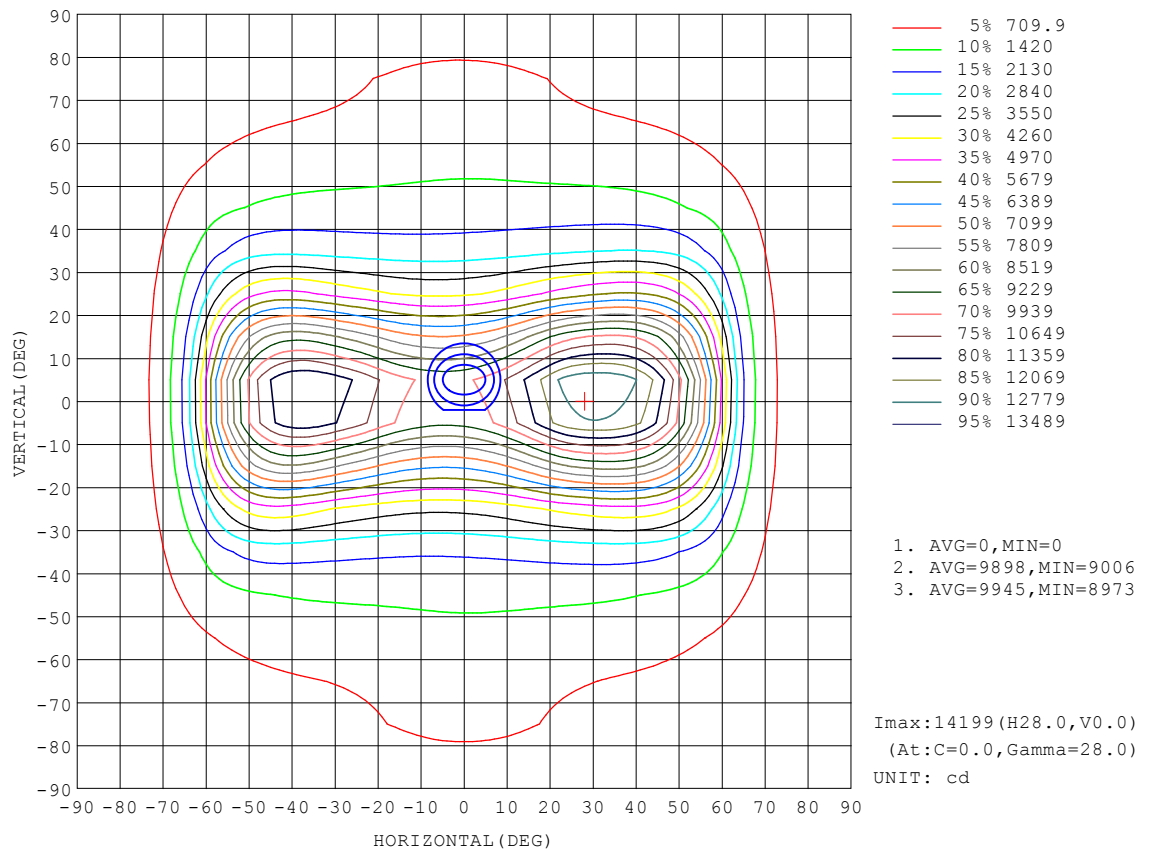
VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.11	1.04	3.05	5.94	9.54	13.7	20.6	33.3	44.8	42.9	29.6	18.6	12.9	9.04	5.51	2.72	0.86	0.08	254	54.2
70	0.19	1.71	4.97	9.49	14.4	18.8	23.8	30.6	37.3	36.0	28.8	23.0	18.6	14.1	9.09	4.61	1.50	0.14	277	0.00
60	0.28	2.51	7.59	14.7	21.4	27.1	31.8	35.5	37.5	37.5	35.4	31.8	27.3	21.4	14.2	7.08	2.25	0.22	356	0.00
50	0.37	3.37	11.1	22.5	32.3	39.6	44.5	47.7	49.7	50.2	48.9	46.0	40.9	32.8	22.0	10.3	3.01	0.30	506	388
40	0.45	4.13	15.9	36.8	53.8	62.3	66.8	69.7	71.7	73.3	74.0	72.6	67.8	56.7	36.6	14.4	3.63	0.36	781	750
30	0.49	4.74	22.6	66.4	103	117	119	119	120	125	134	139	135	112	66.1	20.0	4.11	0.40	1407	1386
	0.52	5.24	31.3	111	185	217	220	213	211	223	248	265	249	197	107	26.7	4.46	0.42	2514	2496
	0.52	5.49	37.9	144	249	304	317	307	305	319	352	372	337	256	135	31.3	4.64	0.44	3479	3462
	0.52	5.45	38.4	146	251	304	313	303	300	313	345	362	327	248	130	30.3	4.58	0.43	3422	3405
	0.50	5.07	31.4	111	183	211	212	204	202	212	233	244	225	176	96.0	24.6	4.35	0.42	2374	2356
	0.46	4.54	22.5	67.2	99.9	105	104	104	106	110	116	118	113	94.3	55.7	17.5	3.92	0.39	1242	1219
-30	0.41	3.87	15.0	33.7	45.7	52.0	56.9	60.2	62.2	62.9	61.6	58.3	52.7	43.5	28.7	12.5	3.41	0.34	654	615
-40	0.35	3.16	10.4	20.1	28.4	35.2	40.1	43.3	45.2	45.4	43.6	40.2	34.8	27.2	18.2	8.95	2.73	0.27	448	219
-50	0.26	2.33	6.97	13.3	19.3	24.7	29.3	33.5	36.3	36.2	33.2	28.9	24.1	18.5	12.2	6.14	1.98	0.19	327	0.00
-60	0.17	1.54	4.44	8.45	13.0	17.0	21.5	28.0	35.1	35.0	27.7	21.0	16.4	12.3	7.76	3.91	1.27	0.11	255	0.00
-70	0.09	0.83	2.40	4.65	7.55	10.8	15.5	25.1	37.1	36.4	24.0	14.7	10.2	6.99	4.15	2.03	0.62	0.05	203	19.3
-80	0.02	0.18	0.51	1.02	1.74	2.97	5.47	9.90	13.4	12.4	7.99	4.23	2.29	1.30	0.71	0.29	0.06	0.00	64.5	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	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	5.72	55.2	267	815	1318	1563	1641	1666	1714	1770	1842	1859	1694	1326	750	223	47.4	4.56	18562	---
Φ a	0.00	0.00	175	723	1198	1420	1470	1461	1494	1547	1644	1696	1555	1206	658	123	0.00	0.00	---	16370

one-half-peak spread: U:18.4,D:20.3 , L:23.2,R:30.7 NEMA Beam Type: Type 7

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:

ISOCANDELA DIAGRAM

Test:U:219.99V I:0.6495A P:140.68W PF:0.9846 Freq:49.99Hz Lamp Flux:18562.3x1 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

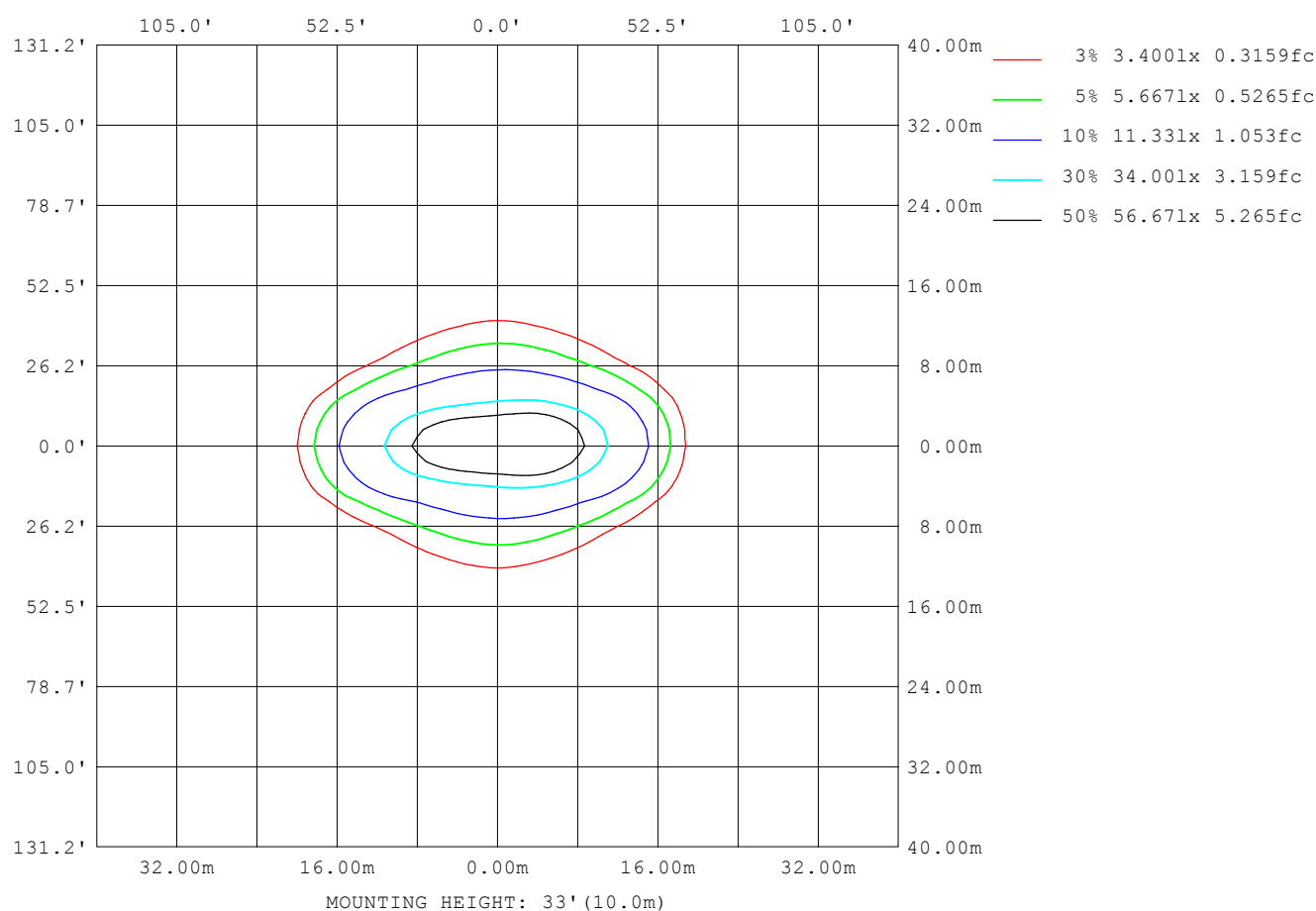


H(β) Range:-90 - 90DEG
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Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

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ISOLUX DIAGRAM

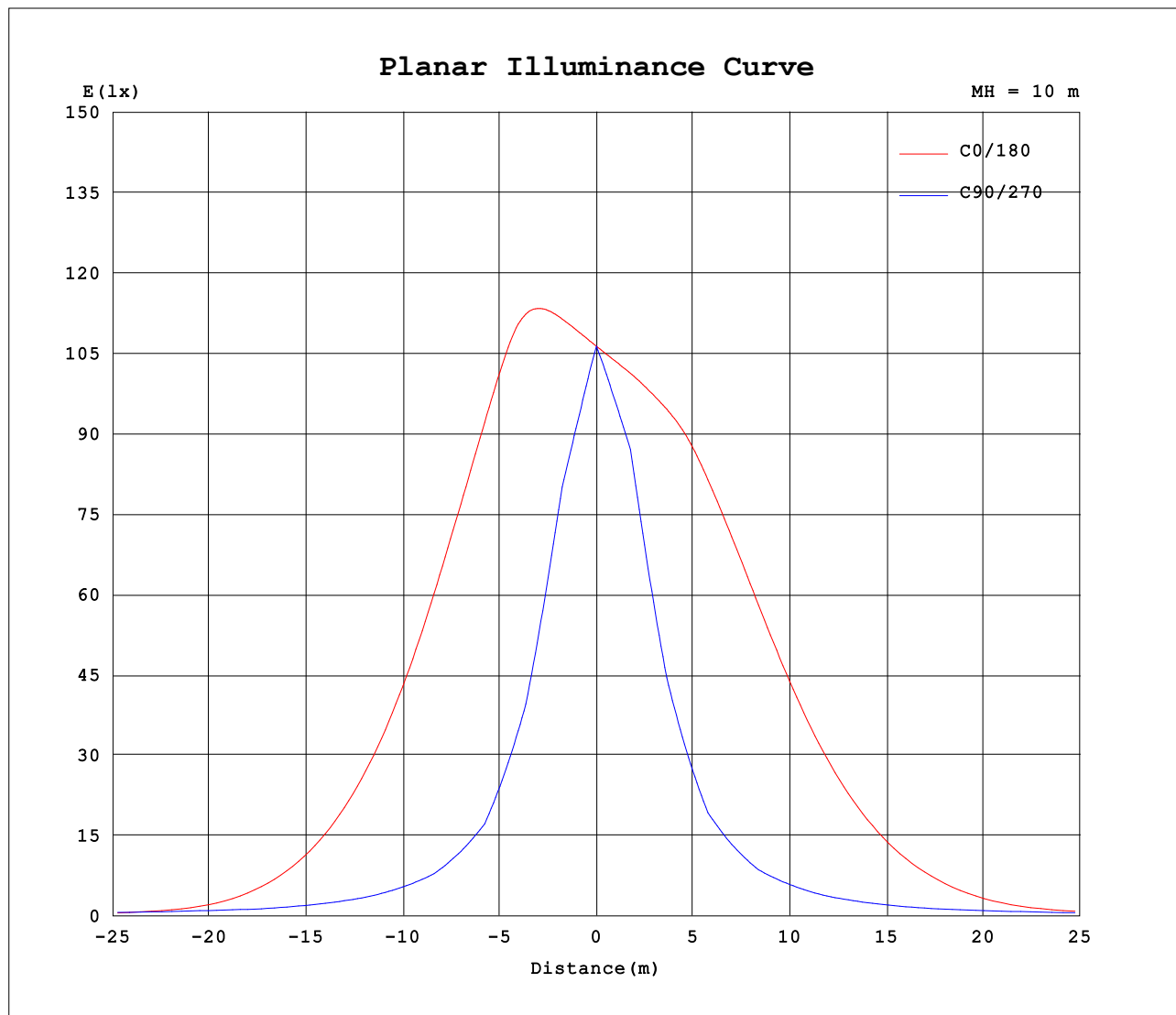
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H(β) Interval: 1.0DEG
Test Speed: HIGH
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Operators:CL
Test Date:17 October 2019

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



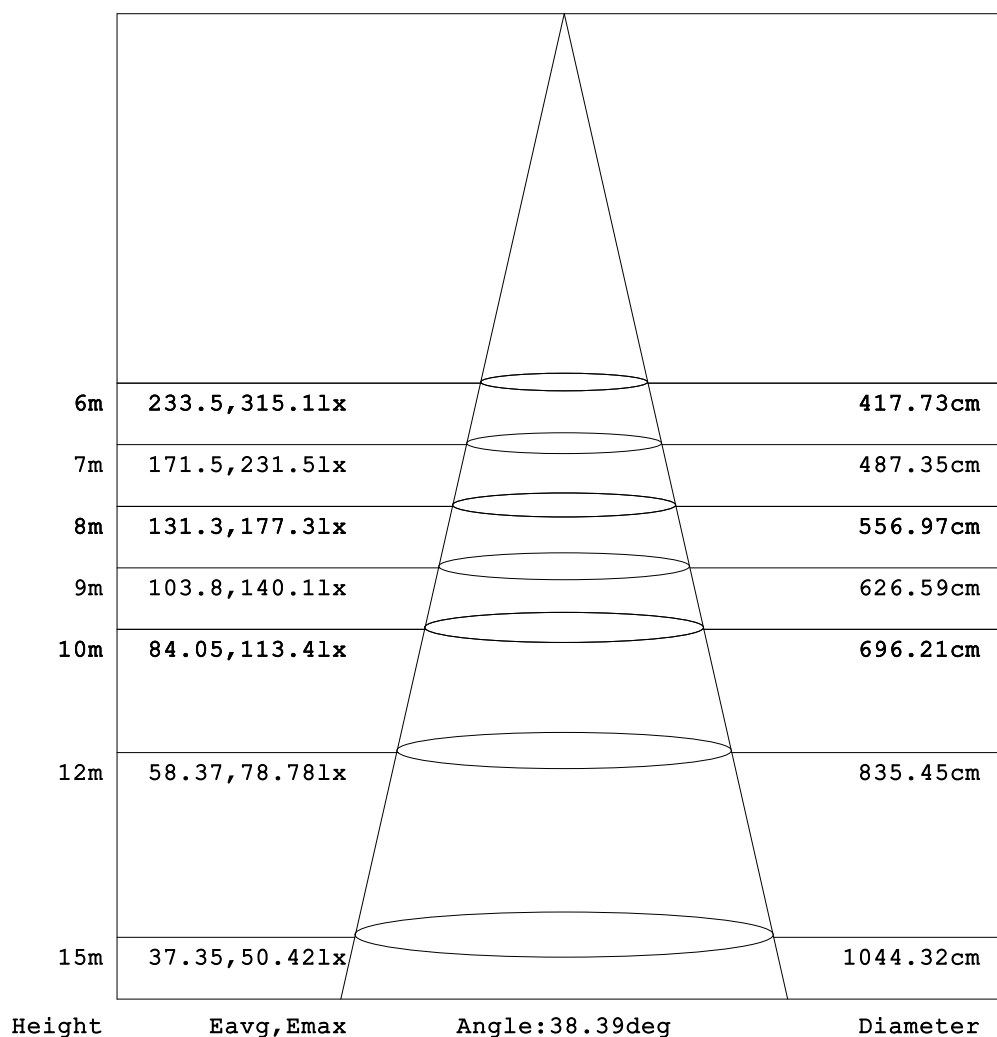
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

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

Test:U:219.99V I:0.6495A P:140.68W PF:0.9846 Freq:49.99Hz Lamp Flux:18562.3x1 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

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

Test:U:219.99V I:0.6495A P:140.68W PF:0.9846 Freq:49.99Hz Lamp Flux:18562.3x1 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

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	0.32	1.23	3.68	6.14	8.64	11.3	13.9	16.5	19.3	22.2	25.6	29.7	35.7	44.3	56.0	71.8	88.0	98.2	100
-75	0.30	1.42	5.57	9.62	13.8	18.1	22.3	26.3	30.4	34.6	38.5	42.4	47.4	54.7	65.2	80.5	99.6	115	121
-70	0.33	3.22	9.03	14.7	20.6	26.6	32.4	37.7	43.2	48.7	53.0	56.8	61.6	68.7	79.6	96.5	119	137	141
-65	0.31	2.88	10.5	17.8	25.5	33.7	41.6	48.6	55.3	61.0	65.5	69.1	73.1	78.6	86.3	96.9	110	122	127
-60	0.35	5.82	14.8	23.9	33.7	44.0	53.7	62.1	69.8	75.4	79.5	82.9	86.5	91.2	96.7	102	108	111	112
-55	0.32	4.68	15.5	26.6	39.0	52.6	66.0	77.5	86.1	92.5	97.3	101	105	108	112	116	120	122	123
-50	0.37	8.36	20.5	34.0	49.7	66.8	83.2	96.7	105	112	117	121	124	126	128	131	133	134	134
-45	0.34	6.78	20.4	35.5	54.0	77.2	101	121	134	141	146	148	150	151	152	153	154	155	156
-40	0.43	11.0	25.9	43.7	67.1	97.5	128	151	165	172	176	177	177	177	176	176	175	176	177
-35	0.37	8.74	24.3	42.9	69.1	108	158	205	230	239	237	234	230	226	223	221	220	220	221
-30	0.45	12.7	29.4	50.9	84.7	138	209	271	301	305	298	289	281	274	269	266	264	264	266
-25	0.40	10.2	27.1	48.7	84.6	150	260	375	447	473	467	445	421	402	387	375	369	367	370
-20	0.51	14.1	32.4	57.5	105	197	362	515	611	643	629	591	553	523	499	482	472	471	477
-15	0.45	11.1	29.0	53.0	99.0	196	394	603	751	828	846	826	788	749	710	677	657	649	655
-10	0.56	14.8	33.9	62.2	121	255	517	761	933	1029	1061	1048	1006	959	905	862	836	827	839
-5	0.50	11.7	30.3	55.9	109	231	499	779	991	1118	1173	1173	1139	1092	1034	984	952	939	947
0	0.61	15.5	35.3	64.9	130	289	601	897	1112	1240	1292	1288	1254	1204	1140	1091	1061	1051	1064
5	0.54	11.9	30.7	56.7	111	234	504	788	1004	1136	1194	1198	1169	1126	1069	1018	987	974	983
10	0.65	15.3	34.9	64.0	125	263	528	781	962	1066	1106	1101	1069	1027	974	930	904	898	912
15	0.57	11.7	30.2	55.1	103	203	406	620	778	867	898	889	857	820	779	741	718	711	720
20	0.69	15.0	34.1	60.5	111	207	376	535	641	689	693	667	630	598	567	541	527	526	536
25	0.60	11.1	28.8	51.6	90.1	159	273	391	472	509	514	500	476	456	437	421	411	409	415
30	0.71	13.8	31.6	54.5	91.1	148	222	287	324	337	333	323	314	306	300	296	294	294	298
35	0.64	9.95	26.3	46.2	74.5	117	169	218	248	261	263	259	254	250	246	244	242	243	245
40	0.73	12.2	28.2	47.3	72.7	106	138	163	179	188	192	192	192	192	191	191	191	192	193
45	0.67	8.06	22.3	38.6	58.8	83.9	110	131	145	153	158	161	163	163	164	165	166	167	168
50	0.74	9.73	22.4	37.2	54.4	72.8	90.8	105	114	121	127	131	134	136	137	139	141	142	143
55	0.70	5.66	17.2	29.3	43.0	57.8	72.2	84.4	93.6	100	106	110	113	116	120	123	126	129	129
60	0.75	6.90	16.6	26.6	37.5	48.8	58.9	68.3	76.3	82.1	86.5	90.2	94.1	98.6	103	108	113	116	116
65	0.72	3.49	12.0	20.1	28.8	37.8	46.3	54.0	61.1	66.9	71.4	75.3	79.7	85.4	92.7	102	112	121	123
70	0.75	3.91	10.6	17.0	23.7	30.4	36.8	42.7	48.5	53.7	57.8	62.0	67.4	74.8	85.4	99.7	116	128	130
75	0.74	1.87	6.80	11.6	16.5	21.5	26.4	31.0	35.7	40.1	44.2	48.4	54.1	62.3	74.1	91.0	109	121	124
80	0.76	1.73	4.88	8.03	11.2	14.5	17.8	21.1	24.7	28.3	32.1	36.7	43.6	53.9	68.7	89.7	108	117	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

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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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	93.4	79.7	62.6	48.0	37.7	30.5	25.6	22.0	18.9	16.1	13.5	10.9	8.40	5.89	3.56	1.45	0.58	0.32	
-75	115	99.6	79.9	63.7	53.0	45.7	40.7	36.8	32.9	28.5	24.4	20.4	16.3	12.1	8.04	4.25	1.21	0.38	
-70	132	112	89.9	74.4	64.9	58.6	54.1	50.1	45.2	39.2	33.7	28.2	22.5	16.7	11.0	5.65	1.03	0.33	
-65	123	111	97.4	86.0	77.9	72.1	67.7	63.9	59.2	53.1	46.1	39.0	31.4	23.7	16.3	9.26	2.74	0.39	
-60	110	105	99.7	93.9	88.4	83.7	79.8	76.1	71.0	64.1	55.6	47.0	37.3	27.8	18.7	10.2	2.20	0.36	
-55	122	120	116	111	107	104	99.7	95.3	89.7	82.6	73.2	61.7	49.3	36.7	25.1	14.6	4.87	0.40	
-50	134	132	130	127	125	122	118	113	106	97.7	86.4	71.6	56.2	40.8	27.0	14.9	3.83	0.39	
-45	156	155	155	154	153	151	148	143	136	126	112	93.5	71.9	51.2	34.2	19.8	7.07	0.42	
-40	178	179	180	180	180	180	177	172	163	150	132	107	79.0	54.2	35.2	19.3	5.42	0.41	
-35	223	226	230	233	236	239	239	237	229	213	184	144	100	66.0	42.3	24.4	9.12	0.43	
-30	270	275	281	287	293	298	301	300	290	265	222	162	107	66.8	41.6	23.0	7.12	0.43	
-25	379	393	412	432	449	463	473	472	455	412	337	233	136	80.3	48.1	27.5	10.6	0.45	
-20	492	517	551	585	611	634	646	641	607	535	413	260	139	77.7	45.4	24.9	7.98	0.46	
-15	675	711	762	817	858	879	884	866	813	713	560	362	179	93.3	52.2	29.5	11.6	0.47	
-10	870	924	995	1069	1116	1129	1119	1076	986	840	631	380	174	87.3	48.3	26.4	8.75	0.49	
-5	977	1032	1109	1196	1258	1274	1265	1222	1127	971	747	470	212	102	54.4	30.4	12.0	0.50	
0	1102	1167	1257	1355	1412	1419	1400	1340	1216	1023	757	445	188	91.0	49.0	26.5	8.82	0.52	
5	1016	1073	1155	1247	1314	1331	1323	1279	1180	1015	779	488	217	103	54.7	30.5	12.1	0.53	
10	948	1008	1089	1174	1229	1244	1235	1189	1088	924	690	409	181	89.4	48.8	26.5	8.78	0.54	
15	747	791	854	923	974	1001	1009	989	926	808	629	401	191	96.6	53.1	29.8	11.7	0.55	
20	560	597	647	696	734	765	781	772	725	630	481	296	149	80.9	46.4	25.2	8.06	0.56	
25	428	450	479	510	535	558	573	573	550	495	400	270	149	84.6	49.5	28.1	10.8	0.57	
30	304	312	323	335	346	358	367	369	359	329	271	188	117	70.6	43.1	23.6	7.47	0.58	
35	248	253	260	266	273	280	285	285	278	258	222	167	111	70.9	44.5	25.5	9.62	0.59	
40	195	197	199	201	202	203	203	199	191	177	154	122	87.5	58.6	37.6	20.6	6.22	0.60	
45	169	169	169	170	170	170	168	164	158	147	131	107	80.7	56.4	37.3	21.5	7.90	0.62	
50	143	142	140	139	138	136	132	127	120	111	99.3	82.0	63.4	45.7	30.2	16.5	4.40	0.62	
55	129	126	124	121	118	115	112	107	102	94.0	83.7	70.6	55.9	41.4	28.2	16.3	5.68	0.64	
60	114	110	105	101	96.4	92.6	89.2	85.3	80.1	72.9	63.3	53.4	42.5	31.5	21.2	11.6	2.57	0.65	
65	119	109	99.1	90.6	84.1	79.1	75.2	71.4	66.7	60.5	52.9	44.8	36.2	27.3	18.8	10.8	3.36	0.67	
70	120	104	89.0	77.5	69.6	64.0	59.8	55.9	51.0	45.1	39.2	32.9	26.3	19.6	13.1	6.94	1.41	0.68	
75	117	103	84.5	69.2	59.0	51.7	46.9	43.1	39.1	34.4	29.6	24.9	20.0	15.0	10.2	5.58	1.61	0.70	
80	110	93.9	73.1	56.1	45.0	37.2	32.3	28.8	25.3	21.7	18.2	14.9	11.6	8.40	5.33	2.50	0.81	0.71	
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: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: