

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	322.9 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	161.4V x 152.0H
	At 50% of Imax	125.5V x 115.8H
	At 90% of Imax	64.5V x 56.4H

Beam Flux	Total	997.4 lumens per klm.
	To 10% of Imax	986.7 lumens per klm.
	To 50% of Imax	805.8 lumens per klm.
	To 90% of Imax	265.7 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.7 %

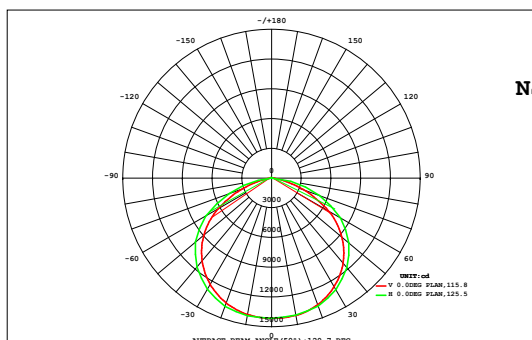
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 October 2019

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:219.85V I:1.2941A P:280.59W PF:0.9862 Freq:49.99Hz Lamp Flux:43782.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



DATA OF LAMP		Eff:156.04lm/W	
NJZ-MODEB00-V01-RZ-120-TG-GR		Imax(cd)	14137
NOMINAL POWER(W)	300	AVAILABILITY(%)	99.1
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	43373
NOMINAL FLUX(lm)	43782.4	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	43782
TEST VOLTAGE(V)	220	θ @50% (H,V)	116,125DEG

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	0.12	1.07	4.98	14.5	29.7	48.4	66.8	80.7	87.4	86.7	78.3	63.3	44.2	26.1	12.0	3.75	0.76	0.07	649	558
70	0.17	2.50	13.4	37.3	71.6	110	145	172	185	184	168	140	104	66.2	33.0	11.0	1.80	0.11	1444	1413
60	0.25	5.01	25.4	65.2	117	172	219	253	271	270	250	214	165	111	59.6	22.1	3.89	0.17	2222	2205
50	0.37	7.94	37.9	91.1	156	220	273	311	331	330	309	269	214	149	85.2	33.9	6.52	0.24	2826	2814
40	0.50	10.9	49.0	112	185	254	312	354	375	374	351	308	248	178	106	44.6	9.14	0.34	3271	3263
30	0.61	13.3	57.5	127	204	277	339	383	405	405	380	335	272	199	121	53.1	11.5	0.44	3585	3578
	0.71	15.1	63.1	137	216	292	355	400	423	422	398	352	287	210	131	58.4	13.1	0.51	3773	3766
	0.75	15.8	65.5	140	221	297	361	406	428	428	405	358	293	216	135	61.0	13.9	0.55	3845	3839
	0.75	15.8	65.2	140	221	297	361	406	427	426	403	356	291	214	134	60.6	13.8	0.54	3833	3827
	0.70	15.0	62.7	136	215	290	353	398	420	421	397	350	286	210	131	58.5	13.2	0.52	3756	3749
	0.62	13.5	57.9	128	204	278	339	383	406	404	380	335	272	199	122	53.7	11.7	0.45	3588	3581
-30	0.49	11.1	49.7	113	185	254	313	355	376	375	352	309	250	180	108	46.0	9.66	0.37	3287	3279
-40	0.36	8.29	39.2	93.2	158	222	275	314	334	333	312	272	217	153	88.4	35.9	7.09	0.26	2862	2851
-50	0.23	5.36	27.2	68.9	122	178	225	259	277	276	257	221	173	118	64.8	24.8	4.57	0.17	2301	2286
-60	0.14	2.89	15.5	42.5	80.1	121	159	187	201	200	185	155	117	75.9	39.3	13.7	2.37	0.10	1597	1571
-70	0.08	1.13	6.14	18.3	37.6	60.5	82.6	99.4	108	108	97.7	79.8	57.8	35.2	16.6	5.30	0.92	0.07	815	754
-80	0.03	0.18	0.64	2.01	4.84	8.93	13.4	16.6	18.3	18.2	16.1	12.6	8.15	4.17	1.61	0.48	0.15	0.02	126	39.7
-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	6.87	145	641	1465	2429	3379	4192	4778	5071	5059	4738	4129	3300	2346	1388	587	124	4.96	43782	---
Φ a	0.00	93.9	606	1434	2405	3359	4178	4767	5063	5051	4725	4113	3278	2322	1356	550	71.7	0.00	---	43373

one-half-peak spread: U:63.6,D:62.3 , L:56.8,R:58.5

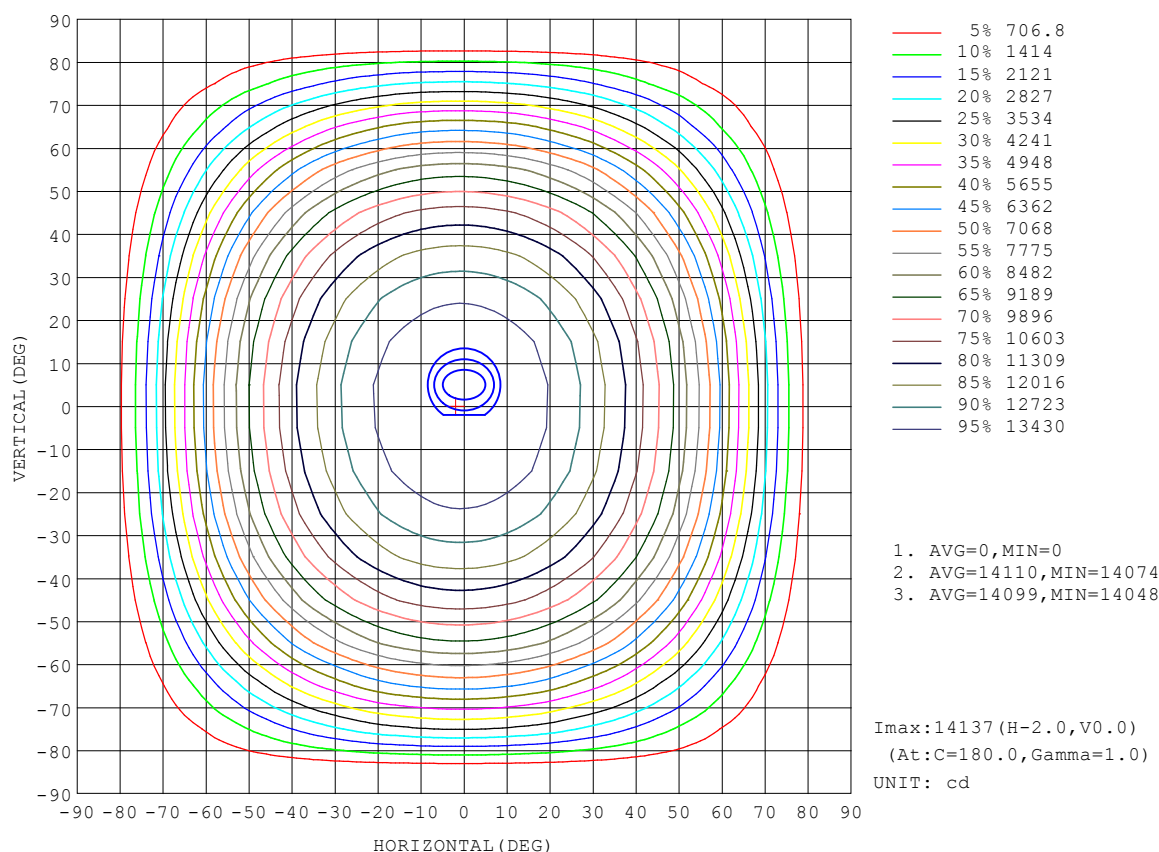
NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 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:219.85V I:1.2941A P:280.59W PF:0.9862 Freq:49.99Hz Lamp Flux:43782.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

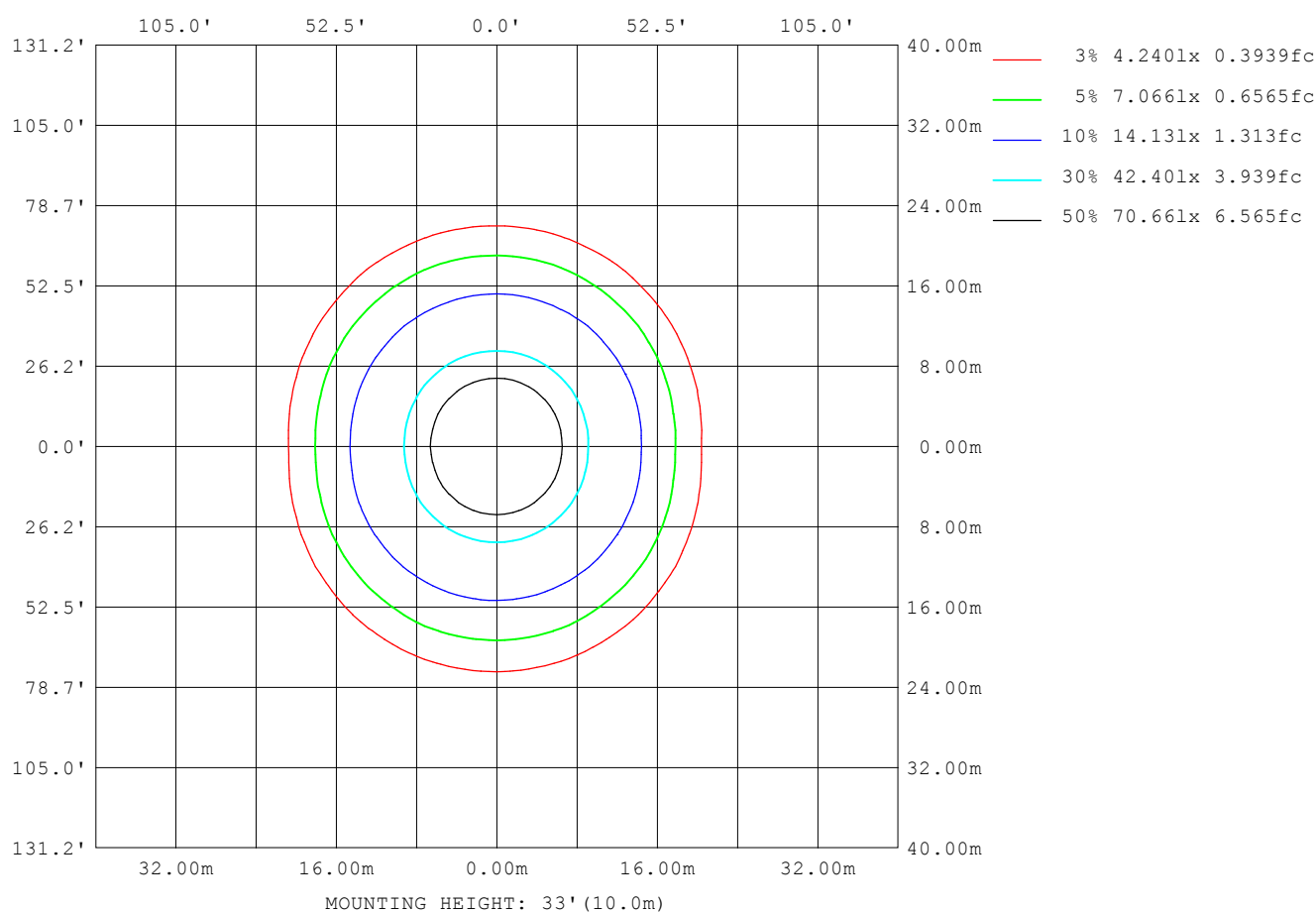


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 October 2019

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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

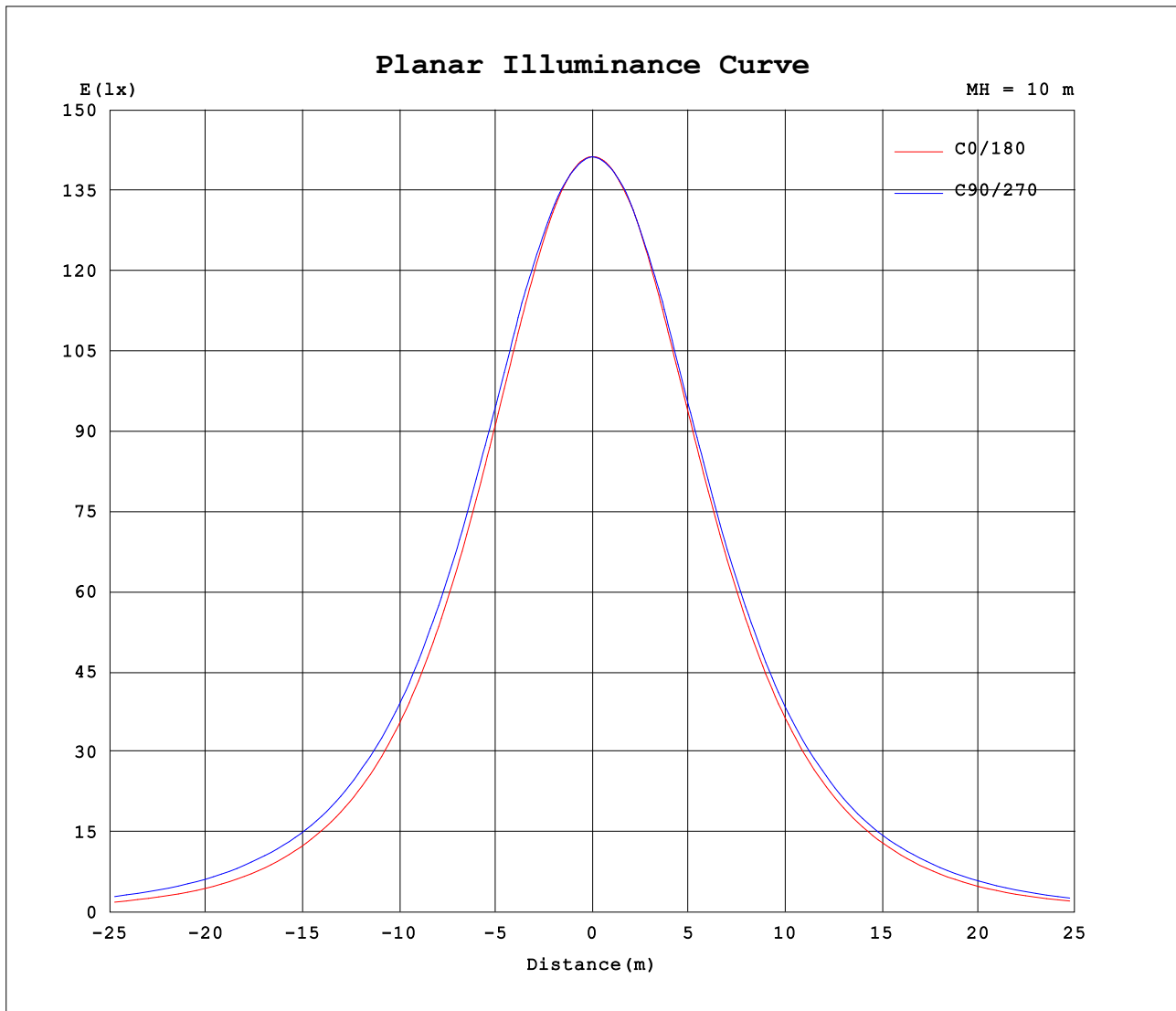
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 October 2019

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



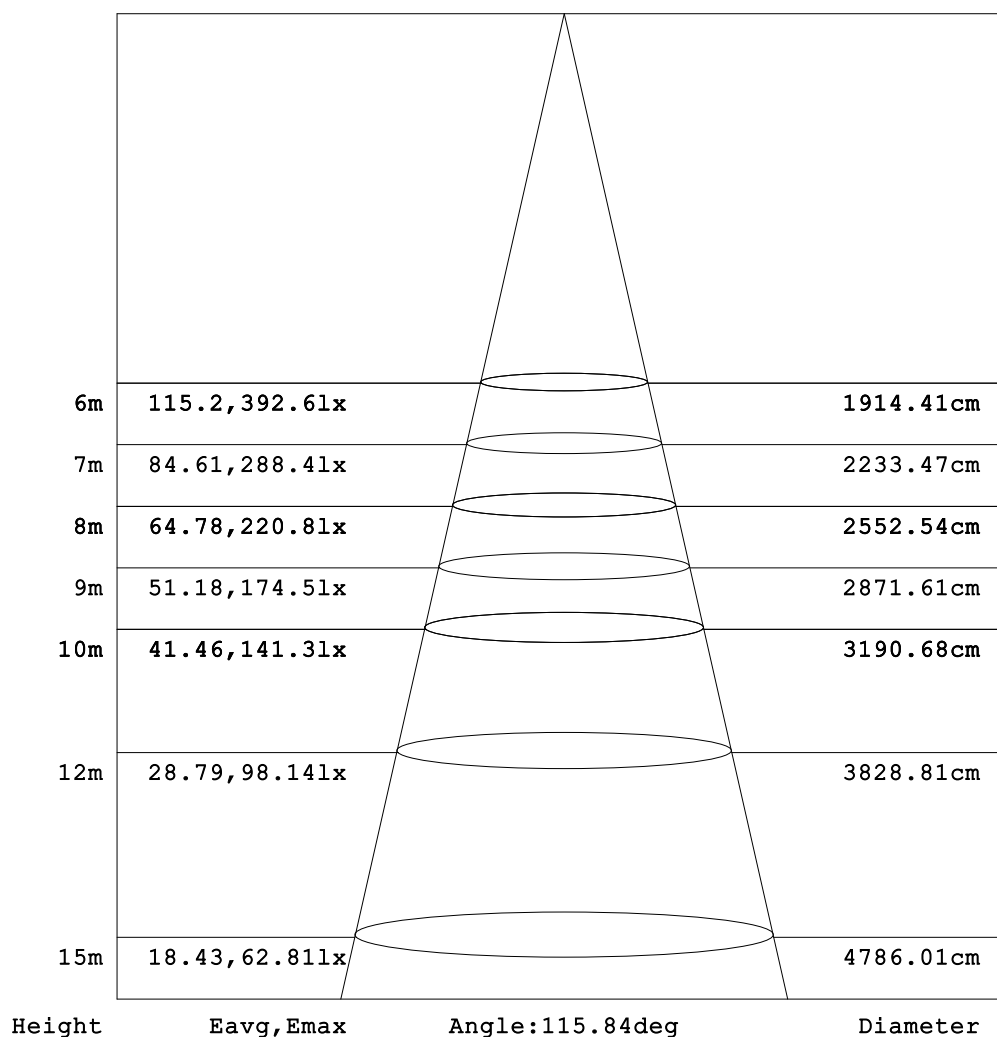
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:19 October 2019

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:219.85V I:1.2941A P:280.59W PF:0.9862 Freq:49.99Hz Lamp Flux:43782.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:33356 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:19 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:219.85V I:1.2941A P:280.59W PF:0.9862 Freq:49.99Hz Lamp Flux:43782.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	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	0.75	1.61	4.36	7.40	13.1	22.3	34.9	50.2	69.1	88.5	109	130	147	165	178	187	196	199	198
-75	0.76	2.14	6.01	13.9	28.0	49.0	76.0	107	143	177	212	245	273	300	322	336	348	355	356
-70	0.77	2.67	7.65	20.4	43.0	75.8	117	164	217	266	315	360	399	434	466	486	500	511	514
-65	0.78	3.10	11.7	32.4	67.8	117	175	240	306	368	429	482	527	569	604	628	645	656	658
-60	0.80	3.52	15.7	44.3	92.6	158	233	315	395	471	543	603	655	704	742	770	789	800	803
-55	0.82	4.04	20.7	59.3	122	204	295	389	480	563	640	706	761	809	848	876	896	908	910
-50	0.84	4.57	25.7	74.3	152	251	357	463	565	654	737	809	867	915	954	983	1004	1015	1018
-45	0.86	5.27	32.1	90.8	184	294	413	527	634	730	813	885	944	994	1034	1064	1085	1097	1100
-40	0.88	5.98	38.5	107	215	338	468	591	704	805	889	961	1022	1073	1114	1145	1166	1178	1181
-35	0.89	7.17	43.8	123	242	374	511	640	756	857	942	1017	1079	1130	1172	1203	1225	1237	1240
-30	0.91	8.36	49.2	139	268	410	554	688	809	909	996	1072	1136	1188	1229	1261	1283	1296	1299
-25	0.92	9.29	54.4	152	288	437	584	724	843	945	1033	1109	1173	1226	1268	1299	1321	1334	1336
-20	0.94	10.2	59.6	165	308	464	615	759	878	980	1070	1147	1211	1264	1306	1338	1359	1372	1374
-15	0.95	10.5	62.0	170	318	476	631	774	893	996	1085	1162	1227	1280	1322	1353	1375	1386	1389
-10	0.96	10.8	64.4	176	328	487	648	788	907	1011	1101	1178	1243	1296	1337	1369	1390	1401	1403
-5	0.97	11.1	65.5	180	333	493	655	796	917	1021	1111	1188	1253	1307	1348	1379	1398	1407	1408
0	0.98	11.3	66.6	183	339	498	662	805	926	1030	1121	1199	1264	1317	1359	1390	1405	1413	1413
5	0.99	11.2	65.8	180	335	494	657	799	919	1023	1114	1191	1256	1310	1351	1382	1400	1410	1411
10	1.01	11.0	64.9	177	331	490	652	793	912	1015	1106	1184	1248	1302	1343	1375	1395	1407	1409
15	1.02	10.6	62.3	170	319	477	633	776	895	998	1089	1166	1231	1284	1326	1357	1378	1390	1393
20	1.03	10.3	59.6	164	308	463	613	760	879	981	1071	1148	1213	1266	1308	1339	1362	1374	1377
25	1.04	9.53	54.0	150	287	435	582	722	843	944	1033	1109	1173	1226	1268	1300	1322	1334	1337
30	1.05	8.78	48.4	137	265	406	552	685	807	908	994	1070	1134	1186	1228	1260	1282	1294	1297
35	1.05	8.15	42.9	121	238	369	506	634	752	853	939	1013	1075	1127	1168	1199	1221	1233	1236
40	1.06	7.53	37.4	105	210	332	461	584	696	798	884	956	1016	1067	1108	1139	1160	1171	1174
45	1.07	7.00	31.1	88.3	177	286	403	516	622	719	802	874	935	985	1024	1053	1074	1086	1089
50	1.08	6.47	24.9	71.9	145	240	345	448	549	641	721	793	854	902	939	968	989	1000	1003
55	1.08	5.92	19.9	56.2	115	192	281	370	460	542	616	684	741	786	824	853	873	884	887
60	1.08	5.36	14.9	40.6	84.5	144	217	293	372	442	512	574	628	670	708	738	758	768	770
65	1.08	4.83	11.3	29.0	59.9	104	158	217	278	336	393	444	490	527	559	586	602	610	612
70	1.08	4.29	7.66	17.4	35.3	63.2	98.9	141	185	230	275	314	352	384	409	433	446	452	454
75	1.09	2.98	6.22	12.0	22.3	39.2	60.8	86.9	115	144	174	200	227	249	266	281	290	294	296
80	1.09	1.66	4.78	6.60	9.41	15.2	22.8	33.2	45.4	58.3	72.5	86.6	101	113	123	129	134	136	138
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:19 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:219.85V I:1.2941A P:280.59W PF:0.9862 Freq:49.99Hz Lamp Flux:43782.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	DIM.: N/A	SERIAL No.:N/A
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	198	193	183	173	157	140	121	101	80.5	61.7	43.8	29.3	18.4	10.3	6.33	3.77	1.15	0.80	
-75	353	344	331	314	289	263	234	201	165	131	98.1	67.4	42.3	23.1	11.3	4.94	1.70	0.81	
-70	508	495	480	455	421	386	346	300	250	201	152	106	66.2	35.9	16.2	6.11	2.24	0.82	
-65	653	639	621	593	555	513	466	411	349	288	223	160	103	57.5	26.2	8.67	2.59	0.84	
-60	798	784	762	731	688	640	587	522	448	374	295	215	140	79.1	36.2	11.2	2.94	0.86	
-55	905	891	869	838	795	746	689	619	541	457	366	274	184	107	49.9	15.5	3.31	0.87	
-50	1013	999	976	944	903	853	792	716	634	541	437	333	229	135	63.6	19.8	3.68	0.89	
-45	1094	1079	1056	1023	981	929	867	791	707	608	500	385	270	163	77.4	24.7	4.14	0.91	
-40	1175	1160	1136	1102	1059	1006	942	867	780	675	562	438	310	190	91.2	29.5	4.59	0.93	
-35	1234	1219	1194	1160	1117	1063	998	921	833	729	610	482	345	216	105	34.5	5.36	0.95	
-30	1293	1277	1252	1218	1174	1119	1053	975	886	784	658	525	381	242	119	39.5	6.13	0.96	
-25	1330	1315	1290	1256	1211	1156	1089	1010	920	816	692	552	405	259	129	42.9	6.88	0.97	
-20	1368	1353	1328	1294	1249	1193	1125	1046	954	849	726	578	429	277	139	46.3	7.63	0.99	
-15	1386	1372	1347	1313	1268	1212	1144	1064	972	867	744	596	442	287	146	48.7	7.34	0.99	
-10	1404	1390	1367	1333	1288	1231	1163	1083	990	884	762	613	455	297	154	51.1	7.06	1.00	
-5	1407	1394	1370	1336	1292	1235	1167	1087	994	888	766	619	459	300	154	51.5	7.73	1.01	
0	1410	1397	1374	1340	1296	1239	1171	1091	998	892	770	624	462	302	154	51.9	8.41	1.02	
5	1407	1397	1373	1339	1294	1238	1170	1090	996	890	768	620	460	301	154	51.6	7.75	1.03	
10	1405	1396	1372	1338	1293	1237	1168	1088	995	888	766	616	458	300	154	51.2	7.08	1.05	
15	1388	1375	1351	1316	1272	1215	1147	1066	974	868	745	596	442	287	146	48.0	7.28	1.06	
20	1371	1355	1330	1295	1250	1194	1126	1045	953	848	724	577	425	275	137	44.8	7.48	1.08	
25	1331	1315	1290	1255	1211	1155	1088	1008	917	812	687	547	399	256	126	41.1	6.84	1.09	
30	1291	1276	1251	1216	1171	1116	1050	971	882	777	651	518	373	237	114	37.3	6.20	1.11	
35	1230	1214	1190	1155	1111	1056	991	914	823	720	599	471	336	209	99.9	32.0	5.81	1.12	
40	1168	1153	1129	1095	1050	996	933	858	765	664	547	423	298	181	85.8	26.6	5.41	1.13	
45	1083	1068	1044	1011	969	916	851	776	688	590	481	368	256	152	71.2	21.8	5.02	1.14	
50	997	982	959	927	887	835	769	694	611	516	416	312	213	123	56.7	16.9	4.63	1.15	
55	881	866	843	809	769	720	658	589	512	429	339	250	168	95.5	42.9	12.9	4.22	1.15	
60	764	750	726	692	652	606	548	484	413	341	262	189	122	68.0	29.1	8.90	3.81	1.15	
65	607	595	575	545	511	471	421	369	310	253	191	135	86.1	46.9	20.2	7.21	2.93	1.15	
70	450	440	424	398	370	335	295	254	208	165	121	81.1	49.6	25.8	11.2	5.52	2.05	1.15	
75	292	285	273	257	237	213	185	157	128	100	72.7	48.8	29.9	16.2	8.00	4.25	1.57	1.15	
80	135	130	123	116	104	90.9	75.6	60.6	47.7	35.8	24.5	16.5	10.1	6.66	4.79	2.98	1.10	1.16	
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:19 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: