

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	332.1 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	159.1V x 152.3H
	At 50% of Imax	122.4V x 115.9H
	At 90% of Imax	61.2V x 56.3H

Beam Flux	Total	997.9 lumens per klm.
	To 10% of Imax	986.0 lumens per klm.
	To 50% of Imax	800.4 lumens per klm.
	To 90% of Imax	254.7 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.8 %

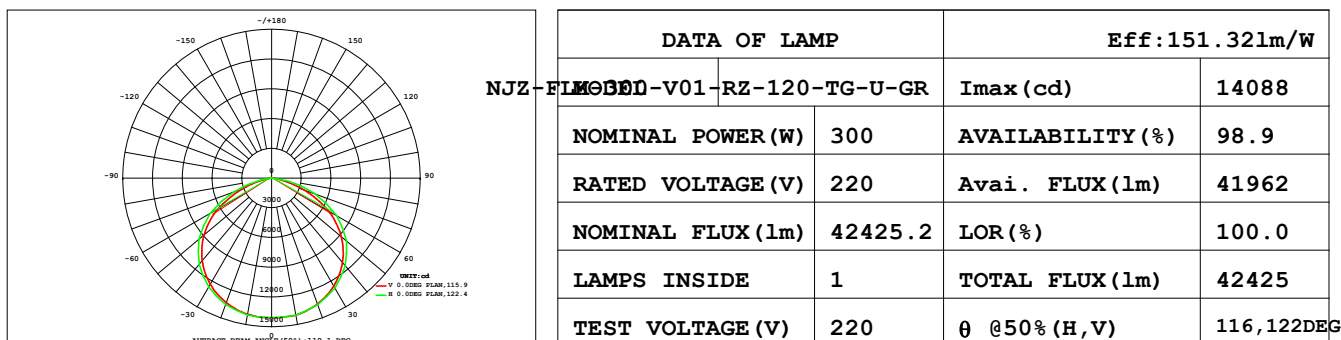
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 October 2019

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:219.91V I:1.2927A P:280.36W PF:0.9862 Freq:49.99Hz Lamp Flux:42425.2x1 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



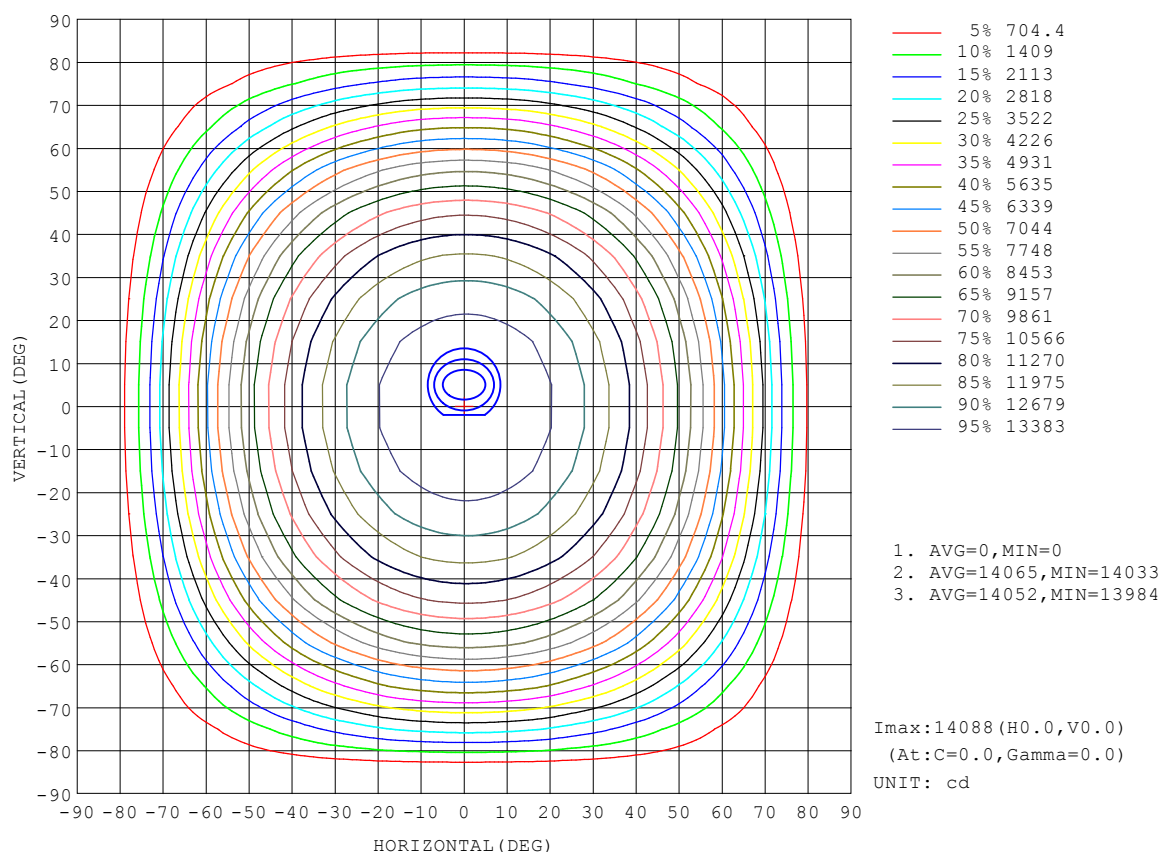
VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.09	0.83	3.68	10.9	22.9	37.9	53.4	65.3	71.6	71.6	65.5	53.4	37.8	22.7	10.8	3.55	0.77	0.07	533	403
70	0.14	1.97	10.9	31.2	61.5	95.9	128	154	167	167	154	129	96.1	61.4	31.0	10.7	1.87	0.12	1300	1267
60	0.20	4.18	22.0	58.1	106	158	203	237	255	255	237	203	158	106	57.8	21.8	4.03	0.19	2085	2067
50	0.31	6.94	34.3	84.1	146	208	260	298	318	318	298	260	208	146	83.8	34.0	6.77	0.28	2710	2698
40	0.44	9.85	45.5	106	176	244	302	343	365	365	343	301	244	176	105	45.1	9.61	0.40	3182	3173
30	0.55	12.4	54.3	122	197	270	331	375	398	398	375	331	270	197	122	54.1	12.1	0.51	3520	3513
	0.65	14.3	60.4	132	211	286	350	395	419	419	395	350	286	211	132	59.9	13.9	0.59	3734	3727
	0.70	15.2	63.3	137	217	294	358	404	427	427	404	358	293	217	137	63.0	14.9	0.63	3830	3824
	0.70	15.2	63.3	137	217	294	358	404	426	425	403	357	293	216	136	62.8	14.8	0.63	3822	3816
	0.65	14.2	60.2	132	210	286	349	395	418	419	395	350	286	211	132	60.0	14.0	0.59	3732	3725
	0.57	12.6	54.6	122	198	270	332	376	399	399	376	332	270	198	122	54.3	12.2	0.50	3530	3522
-30	0.45	10.2	46.5	107	178	246	305	347	369	369	347	305	247	179	108	46.5	9.96	0.40	3220	3212
-40	0.32	7.51	36.1	87.3	150	213	266	304	325	325	305	266	213	151	87.4	35.8	7.14	0.27	2779	2767
-50	0.20	4.70	24.4	62.9	113	167	213	247	265	265	248	214	168	114	63.0	24.2	4.47	0.17	2198	2182
-60	0.12	2.43	13.2	37.1	71.3	110	145	173	187	187	173	145	110	71.1	36.7	12.7	2.16	0.10	1476	1447
-70	0.07	0.89	4.77	14.5	30.7	50.4	69.4	84.8	92.7	92.7	84.8	69.1	50.1	30.3	14.1	4.37	0.75	0.06	695	618
-80	0.03	0.16	0.43	1.25	2.96	5.55	8.54	10.8	12.1	11.9	10.3	7.73	4.77	2.34	0.86	0.25	0.09	0.02	80.0	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	6.17	133	598	1382	2310	3233	4031	4613	4913	4913	4613	4030	3233	2308	1379	593	129	5.52	42425	---
Φ a	0.00	83.9	562	1349	2284	3209	4008	4594	4894	4894	4594	4010	3212	2283	1347	557	80.9	0.00	---	41962

one-half-peak spread: U:62.2,D:60.6 , L:58.8,R:57.6 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:219.91V I:1.2927A P:280.36W PF:0.9862 Freq:49.99Hz Lamp Flux:42425.2x1 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

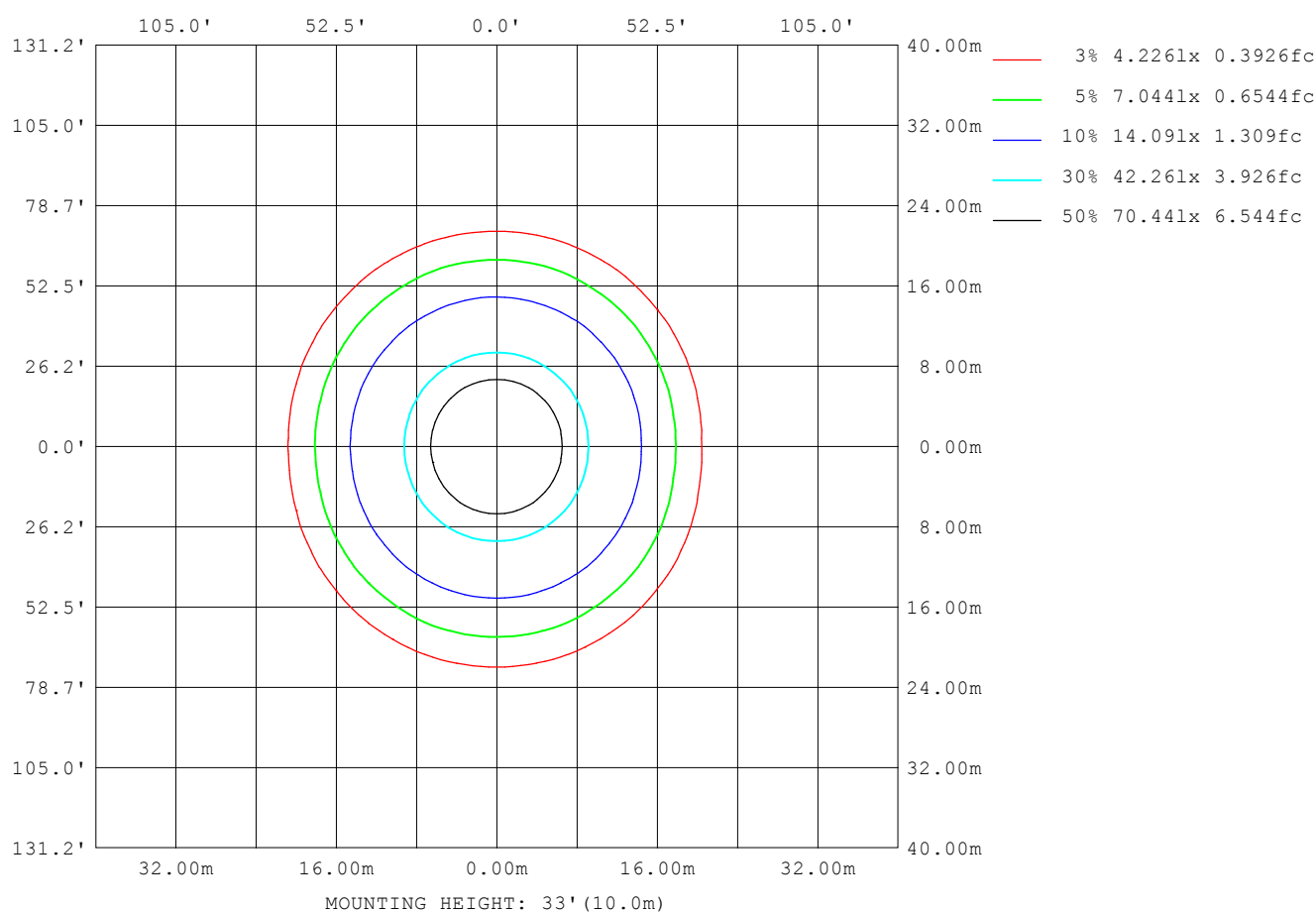


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 October 2019

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

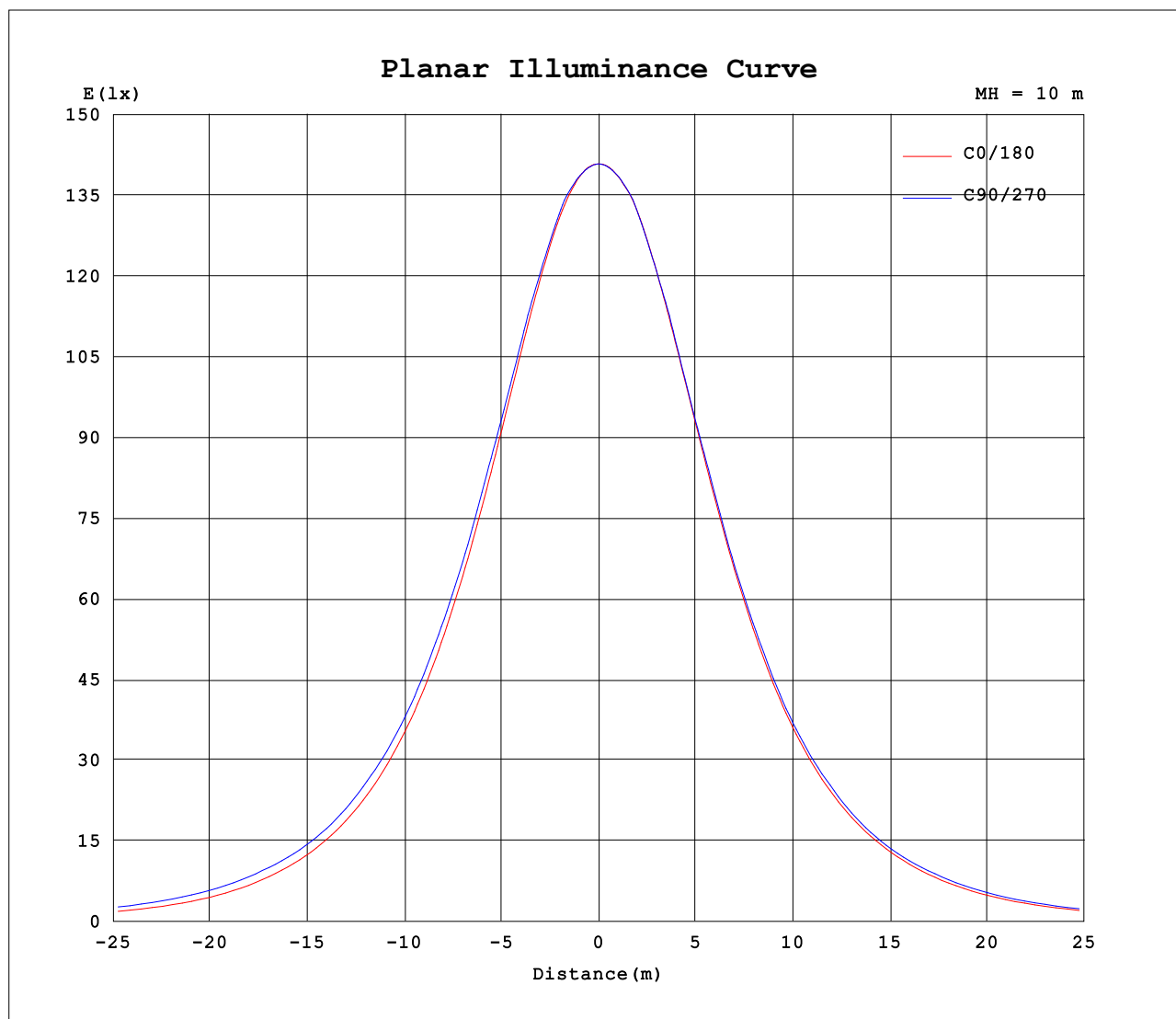
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H(β) Range:-90 - 90DEG
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Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 October 2019

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



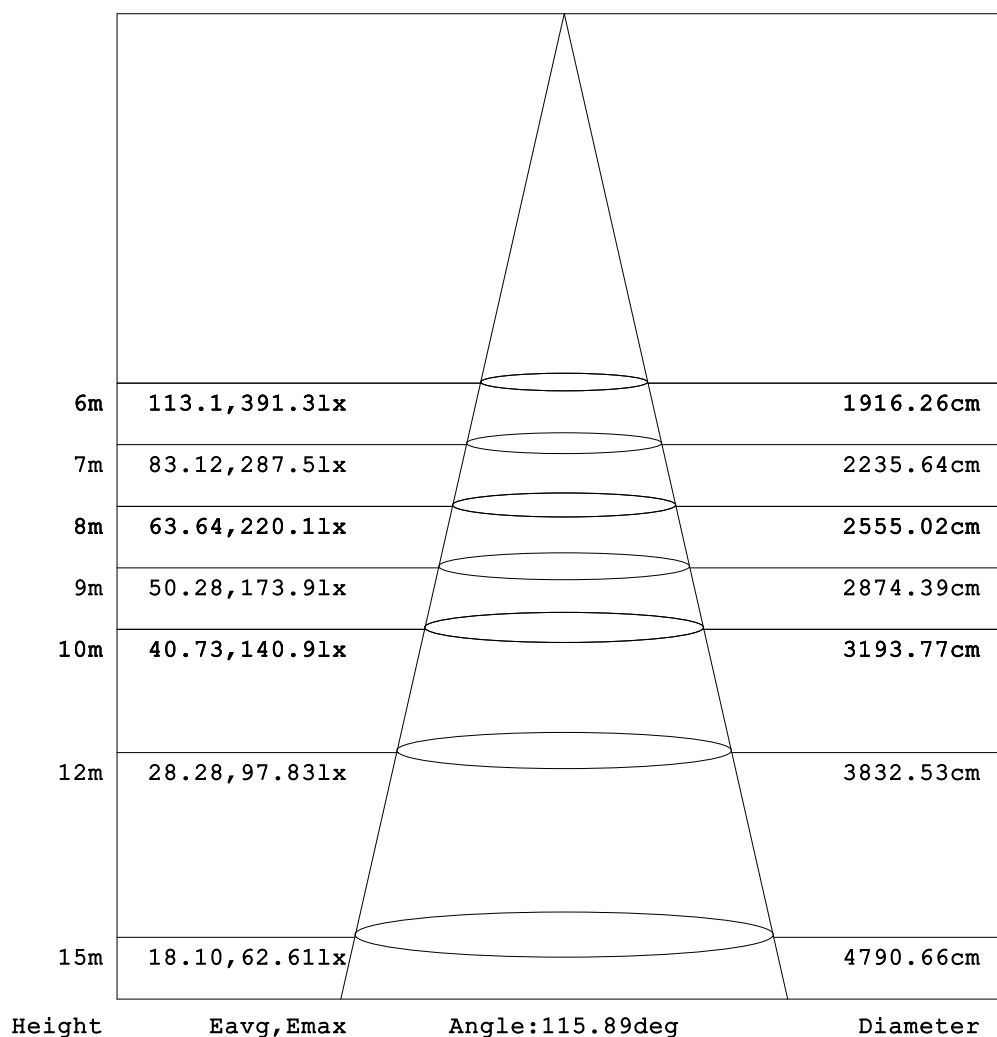
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:19 October 2019

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:219.91V I:1.2927A P:280.36W PF:0.9862 Freq:49.99Hz Lamp Flux:42425.2x1 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:32769 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:219.91V I:1.2927A P:280.36W PF:0.9862 Freq:49.99Hz Lamp Flux:42425.2x1 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	0.72	1.20	3.73	5.98	9.56	16.0	24.5	36.0	49.7	64.9	80.4	96.2	112	124	137	145	151	155	156
-75	0.74	1.32	4.29	9.94	19.8	35.8	57.1	83.0	111	142	171	201	228	250	272	288	298	306	309
-70	0.73	2.34	6.61	17.1	35.6	63.3	99.0	141	186	231	274	318	354	384	415	436	449	458	461
-65	0.76	2.15	8.04	23.9	52.1	93.2	145	203	263	321	378	431	476	515	551	578	595	607	611
-60	0.75	3.28	14.3	40.2	83.6	143	212	288	363	435	504	563	614	661	700	728	747	758	762
-55	0.80	2.89	14.8	46.6	99.8	173	257	345	433	513	590	657	714	762	803	833	855	869	874
-50	0.79	4.40	25.0	70.8	143	235	336	437	536	623	704	776	833	880	919	949	970	983	987
-45	0.84	3.77	24.1	74.2	156	259	371	481	587	683	767	841	903	954	996	1028	1052	1066	1071
-40	0.84	6.48	38.2	106	209	326	450	570	679	779	862	933	994	1046	1087	1118	1140	1153	1156
-35	0.89	5.29	33.8	102	211	336	468	595	712	814	901	977	1042	1096	1139	1174	1198	1212	1218
-30	0.89	9.68	50.4	138	262	400	537	670	788	886	973	1048	1112	1165	1207	1240	1263	1276	1279
-25	0.93	6.90	42.7	128	256	398	542	681	801	904	994	1073	1140	1195	1240	1274	1299	1314	1319
-20	0.93	11.8	60.9	165	305	456	603	743	858	960	1050	1127	1192	1245	1288	1320	1342	1355	1359
-15	0.96	8.03	49.6	147	288	440	593	738	858	963	1056	1135	1203	1259	1304	1338	1362	1376	1382
-10	0.97	12.4	67.3	182	333	487	645	783	901	1005	1095	1173	1239	1293	1335	1367	1388	1401	1404
-5	0.95	8.54	53.5	158	305	461	622	766	887	994	1087	1167	1235	1291	1336	1369	1393	1403	1406
0	1.07	13.8	70.6	189	345	500	661	799	918	1022	1113	1190	1256	1309	1352	1383	1403	1407	1409
5	0.95	8.61	53.7	159	306	462	623	767	888	995	1088	1168	1236	1292	1336	1370	1393	1403	1407
10	1.07	12.6	67.7	183	334	489	647	785	903	1007	1097	1175	1240	1294	1336	1368	1389	1402	1405
15	1.00	8.21	50.0	148	289	442	595	739	859	965	1057	1137	1204	1260	1304	1338	1362	1376	1382
20	1.07	12.0	61.2	166	306	457	604	744	860	962	1051	1127	1192	1245	1287	1319	1341	1354	1358
25	1.04	7.29	42.9	128	255	397	541	679	800	902	993	1071	1137	1192	1236	1270	1294	1309	1314
30	1.07	9.63	50.2	136	260	397	534	665	783	881	967	1042	1106	1158	1200	1232	1254	1267	1270
35	1.08	6.42	33.6	101	207	330	462	588	704	804	892	967	1031	1084	1128	1161	1185	1199	1204
40	1.08	7.88	37.7	103	203	317	440	559	666	765	848	918	979	1030	1070	1101	1123	1135	1138
45	1.09	5.58	23.7	71.7	150	249	358	467	570	665	748	820	882	933	974	1006	1028	1042	1047
50	1.09	6.42	24.1	67.2	135	224	320	418	514	601	679	749	807	854	892	920	941	953	957
55	1.11	4.72	14.5	43.7	93.2	161	241	323	408	486	559	624	681	727	765	796	818	831	836
60	1.09	5.04	13.6	36.5	75.4	129	194	263	335	401	466	524	575	617	653	683	702	712	716
65	1.11	3.54	8.34	21.6	46.3	81.9	128	179	234	287	340	387	431	468	499	525	543	553	557
70	1.10	3.73	6.87	14.7	29.5	51.9	81.8	117	155	194	233	268	303	332	356	377	390	397	398
75	1.11	1.95	4.91	8.89	16.6	28.6	45.4	65.7	88.9	113	138	160	184	204	220	234	243	248	250
80	1.11	1.37	4.15	5.63	7.55	11.3	16.7	23.6	32.3	41.6	51.5	62.2	73.0	82.5	90.0	95.1	98.7	101	102
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:219.91V I:1.2927A P:280.36W PF:0.9862 Freq:49.99Hz Lamp Flux:42425.2x1 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	155	150	144	135	122	109	93.4	77.4	61.5	45.8	32.6	21.8	13.8	7.93	5.30	3.21	1.04	0.75	
-75	307	301	291	276	255	234	208	179	149	118	88.7	61.7	39.1	21.9	11.0	4.94	1.91	0.76	
-70	457	448	434	410	379	349	311	269	223	178	134	91.9	56.6	30.3	13.7	5.20	1.94	0.73	
-65	609	599	583	558	524	486	443	391	335	276	216	156	103	58.6	27.5	9.59	2.88	0.76	
-60	757	745	724	694	653	607	554	493	422	351	274	199	129	72.1	32.0	9.71	2.62	0.77	
-55	871	860	840	811	773	726	672	607	532	453	365	275	190	113	54.3	18.5	3.78	0.80	
-50	982	968	946	915	875	826	766	692	611	521	420	319	218	127	58.6	18.3	3.28	0.82	
-45	1068	1056	1035	1005	965	916	857	786	704	610	506	394	281	175	86.3	29.8	5.26	0.83	
-40	1151	1137	1113	1080	1037	984	921	847	761	659	547	425	299	183	86.1	26.8	4.00	0.88	
-35	1214	1202	1180	1148	1107	1055	993	919	834	736	623	496	363	235	120	42.0	7.15	0.87	
-30	1274	1260	1235	1201	1157	1103	1037	959	870	770	648	515	372	236	115	36.4	5.14	0.92	
-25	1316	1303	1280	1248	1206	1153	1089	1013	925	825	708	571	427	282	149	53.1	8.76	0.90	
-20	1354	1339	1314	1280	1235	1180	1113	1033	941	836	716	571	422	271	135	43.4	6.29	0.96	
-15	1378	1366	1344	1312	1269	1216	1151	1073	983	880	763	624	470	316	170	61.0	10.3	0.92	
-10	1399	1386	1362	1328	1283	1227	1160	1080	987	880	759	615	455	298	151	49.1	6.87	0.99	
-5	1404	1393	1372	1341	1298	1244	1179	1102	1011	908	789	652	490	335	181	64.8	11.0	0.94	
0	1406	1394	1371	1337	1293	1237	1170	1090	996	890	767	627	461	304	155	50.4	6.94	1.01	
5	1405	1394	1373	1341	1298	1245	1179	1102	1011	908	789	652	490	335	181	64.7	10.9	0.97	
10	1400	1387	1363	1329	1285	1228	1160	1080	988	881	760	615	455	298	151	48.8	6.87	1.04	
15	1378	1366	1344	1312	1269	1216	1150	1073	983	881	763	623	469	316	169	60.5	10.6	1.00	
20	1353	1338	1313	1279	1235	1179	1111	1032	940	836	715	569	420	270	134	42.8	6.97	1.06	
25	1311	1298	1276	1243	1201	1149	1084	1008	920	820	703	566	422	278	146	51.8	9.05	1.03	
30	1265	1250	1226	1192	1149	1094	1028	950	862	761	638	506	365	230	111	34.8	5.78	1.09	
35	1200	1188	1166	1135	1093	1042	980	906	821	722	609	483	352	226	114	39.9	7.47	1.06	
40	1133	1118	1095	1062	1019	966	904	830	743	641	530	409	287	173	80.9	24.9	5.10	1.12	
45	1044	1031	1010	981	941	893	833	762	680	586	485	376	265	163	79.8	27.2	6.13	1.08	
50	951	937	915	885	846	797	736	662	582	493	396	297	201	115	52.8	16.2	4.42	1.13	
55	833	821	801	772	735	691	636	570	498	421	336	253	171	100	47.6	16.1	4.82	1.09	
60	711	699	677	645	607	564	511	450	383	316	243	175	112	61.7	26.8	8.54	3.39	1.13	
65	554	546	530	504	473	438	395	347	294	241	185	133	85.9	48.5	22.4	8.43	3.50	1.10	
70	395	388	374	351	326	296	260	224	183	144	106	71.2	43.4	23.2	10.5	5.27	1.69	1.12	
75	249	244	236	222	206	186	163	140	115	90.8	67.1	46.4	28.9	16.6	8.71	4.56	1.90	1.11	
80	101	97.7	93.4	87.3	79.0	68.5	57.6	46.7	36.9	28.0	19.6	13.5	8.77	6.15	4.56	2.60	1.08	1.12	
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: