

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	523.2 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	131.2V x 151.2H
	At 50% of Imax	48.3V x 134.7H
	At 90% of Imax	11.6V x 131.3H

Beam Flux	Total	999.3 lumens per klm.
	To 10% of Imax	965.5 lumens per klm.
	To 50% of Imax	631.5 lumens per klm.
	To 90% of Imax	96.1 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

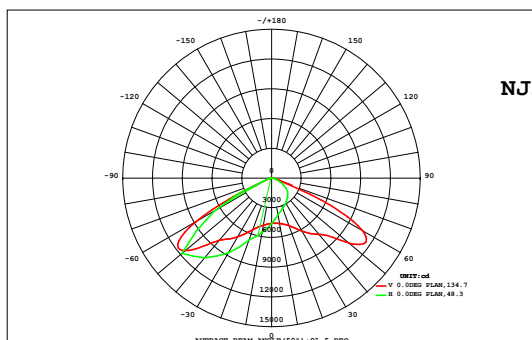
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:25 October 2019

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:220.12V I:0.8690A P:187.58W PF:0.9807 Freq:49.99Hz Lamp Flux:26065.8x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:200W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



DATA OF LAMP		Eff:138.96lm/W	
NJZ-LED200-V01-RZ-T3-PC-U-GR		Imax(cd)	13639
NOMINAL POWER(W)	200	AVAILABILITY(%)	96.6
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	25170
NOMINAL FLUX(lm)	26065.8	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	26066
TEST VOLTAGE(V)	220	θ @50% (H,V)	135,48DEG

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	0.07	0.63	1.79	3.43	5.49	8.09	11.0	12.3	12.8	12.7	12.2	10.8	8.11	5.45	3.38	1.75	0.61	0.07	111	0.00
70	0.14	1.14	3.20	6.97	21.1	70.9	107	104	94.0	91.8	98.6	102	72.9	23.8	7.11	3.13	1.08	0.12	808	684
60	0.23	1.71	4.95	18.1	108	251	315	307	290	289	304	304	233	106	21.2	4.89	1.62	0.20	2560	2521
50	0.30	2.31	7.47	67.5	249	333	345	357	363	364	359	344	322	231	66.1	7.72	2.19	0.27	3421	3393
40	0.38	2.89	14.7	157	283	292	298	298	295	295	300	299	291	271	141	16.1	2.70	0.34	3258	3238
30	0.45	3.36	35.8	212	277	270	262	245	235	237	250	268	274	274	198	33.0	3.15	0.40	3080	3063
	0.51	3.78	61.5	226	253	234	213	191	183	185	197	222	244	259	218	52.6	3.55	0.45	2746	2732
	0.55	4.19	73.9	210	213	193	175	159	154	156	164	184	205	225	210	63.6	3.91	0.48	2395	2382
	0.58	4.64	71.3	177	165	154	141	130	126	128	135	150	165	180	180	60.2	4.07	0.50	1971	1959
	0.59	4.60	56.4	138	127	123	116	108	106	107	112	123	132	138	141	47.5	4.00	0.50	1583	1571
	0.57	4.32	38.3	102	104	102	98.9	94.7	93.0	93.8	97.8	105	108	111	104	29.9	3.79	0.48	1292	1277
-30	0.51	4.00	21.3	70.9	88.2	87.5	86.3	84.1	82.3	83.1	86.5	90.1	91.3	92.4	69.8	15.3	3.57	0.42	1058	1039
-40	0.43	3.61	11.1	40.3	68.1	75.0	74.7	72.7	71.0	71.6	74.4	77.2	78.0	70.3	35.1	7.82	3.27	0.33	835	807
-50	0.32	2.99	7.11	16.4	37.8	52.5	56.3	55.2	54.4	54.8	56.5	58.1	53.5	35.2	12.4	6.15	2.69	0.23	562	497
-60	0.21	1.93	4.84	7.54	11.1	19.8	26.4	28.5	29.9	30.0	29.1	26.4	17.8	9.24	6.66	4.38	1.59	0.12	255	6.56
-70	0.10	0.74	1.96	3.92	5.90	7.26	9.32	11.6	13.1	13.0	11.4	8.94	6.93	5.52	3.54	1.70	0.54	0.06	105	0.00
-80	0.04	0.21	0.46	0.81	1.39	2.08	2.82	2.76	2.68	2.62	2.76	2.51	1.75	1.09	0.59	0.29	0.09	0.01	25.0	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	5.96	47.0	416	1457	2020	2276	2337	2262	2206	2215	2290	2375	2303	2037	1418	356	42.4	4.98	26066	---
Φ a	0.00	1.16	352	1406	1977	2228	2279	2195	2136	2144	2224	2318	2259	1992	1368	289	0.00	0.00	---	25170

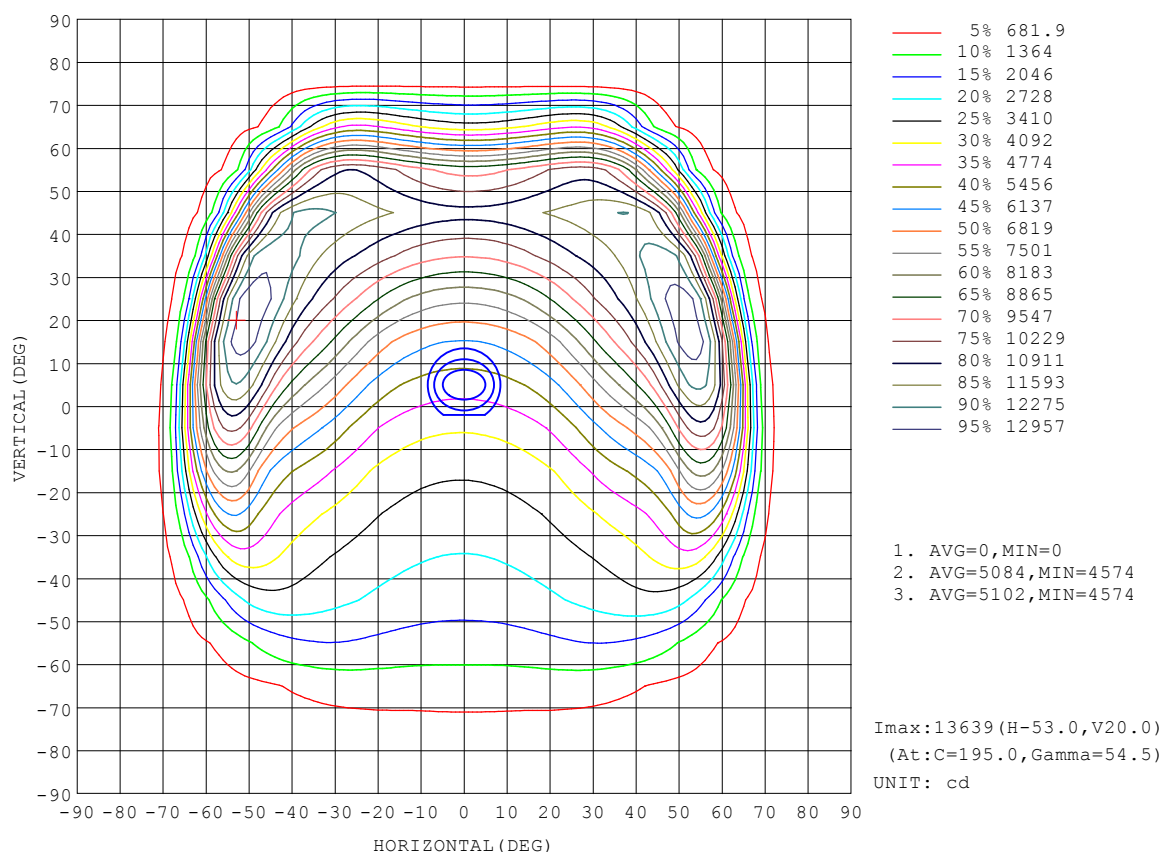
one-half-peak spread: U:37.3,D:11.6 , L:12.9,R:12.9 NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:25 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:220.12V I:0.8690A P:187.58W PF:0.9807 Freq:49.99Hz Lamp Flux:26065.8x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:200W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

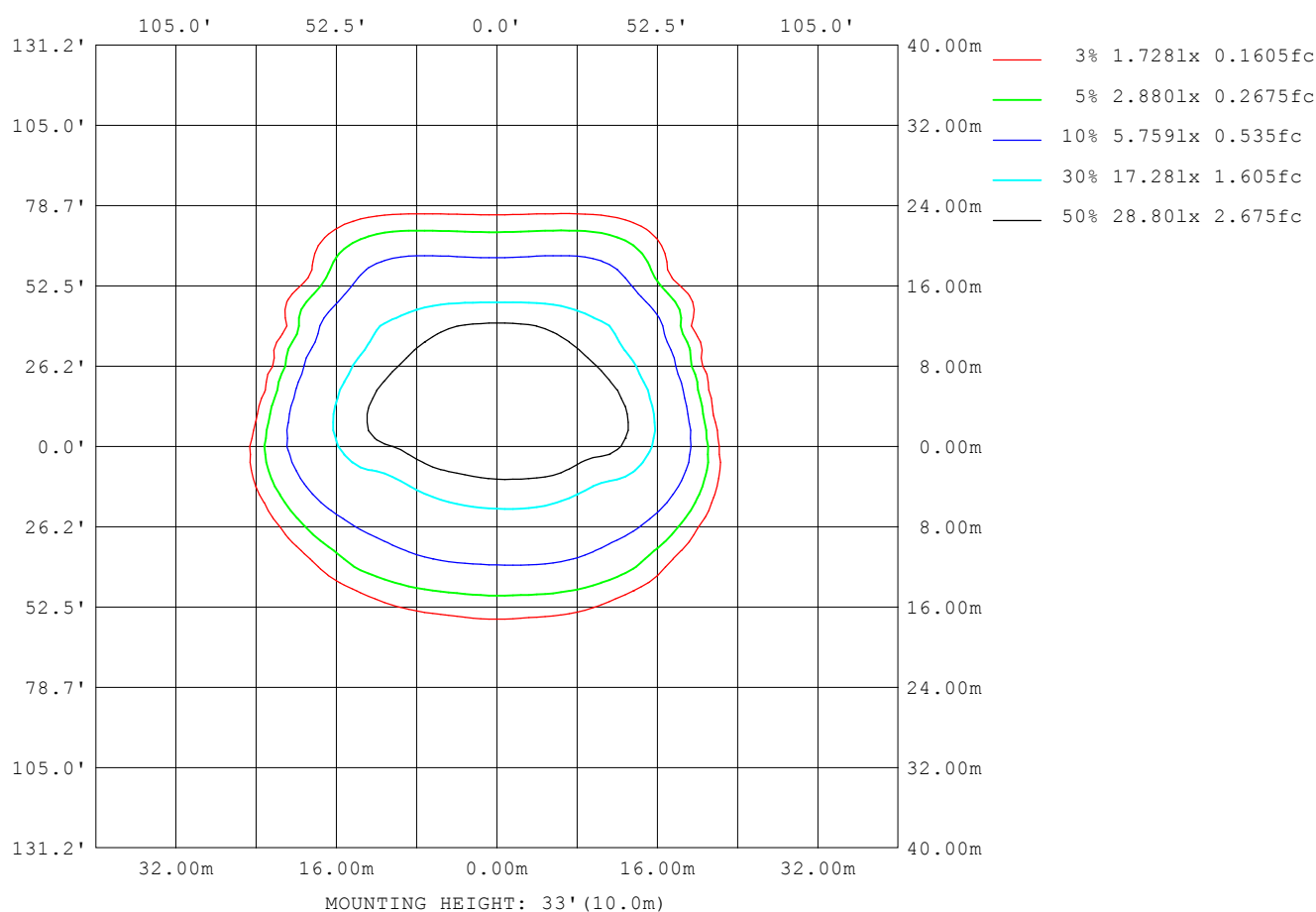


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:25 October 2019

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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

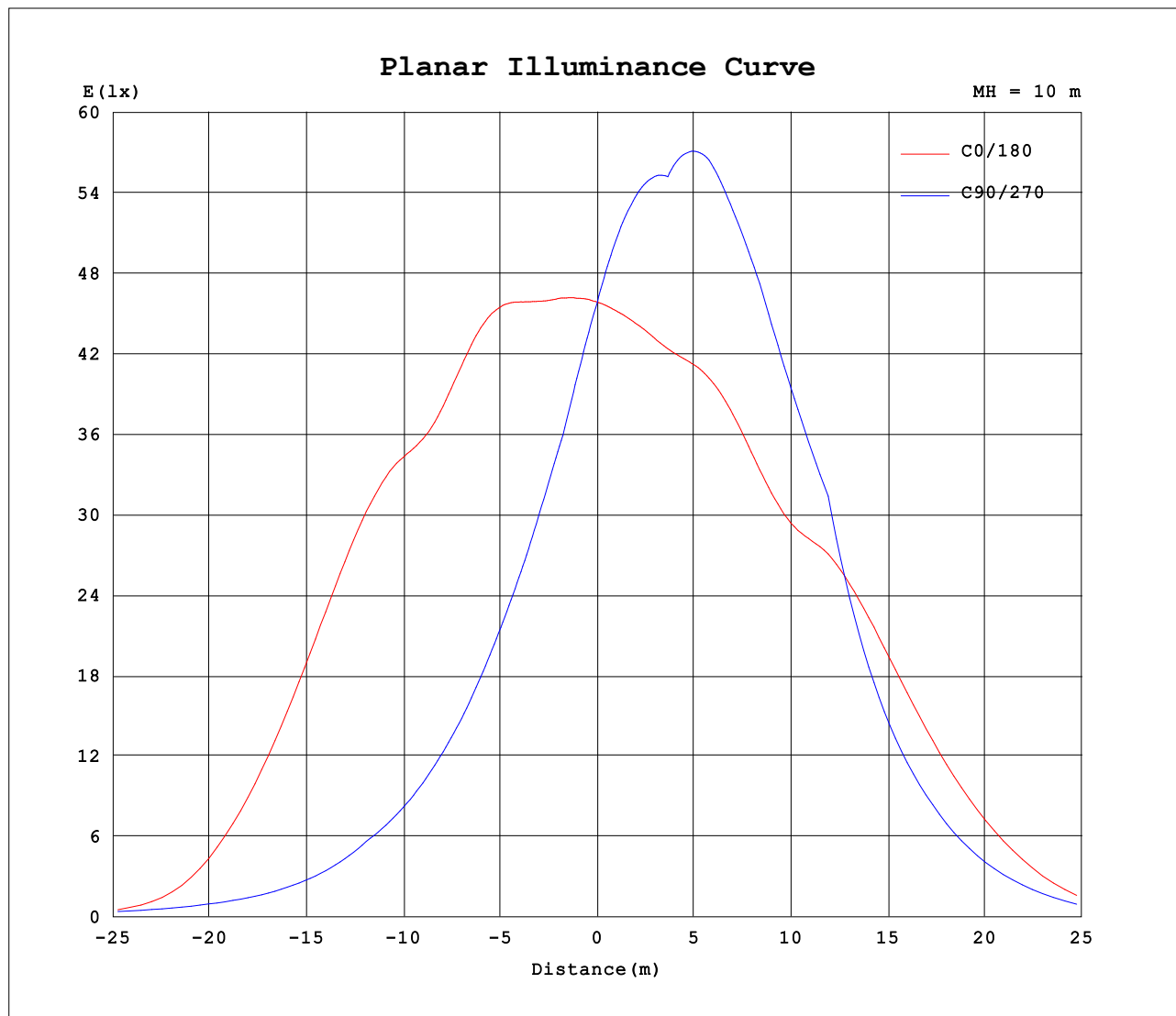
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SPEC.:200W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:25 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



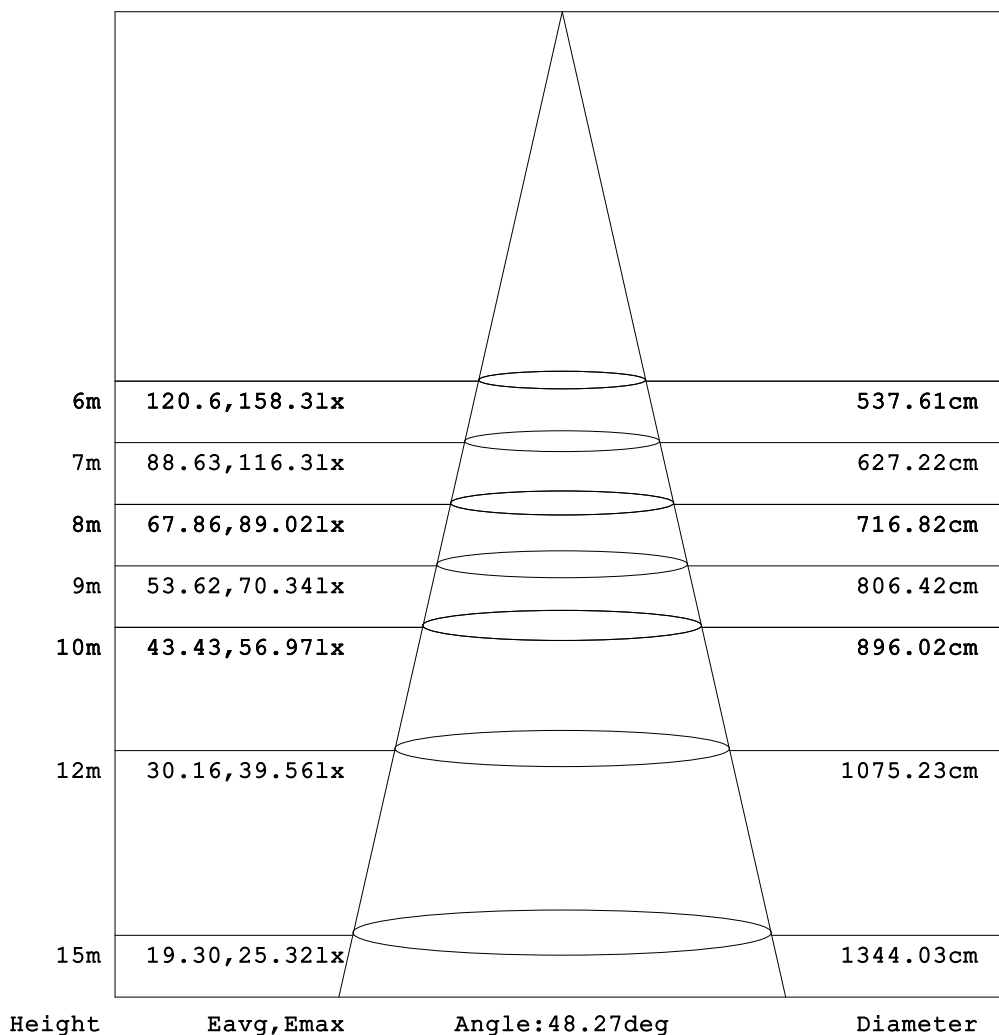
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:25 October 2019

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:220.12V I:0.8690A P:187.58W PF:0.9807 Freq:49.99Hz Lamp Flux:26065.8x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:200W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:2834 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:25 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:220.12V I:0.8690A P:187.58W PF:0.9807 Freq:49.99Hz Lamp Flux:26065.8x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:200W	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	1.61	2.33	4.72	6.55	8.16	9.86	11.7	13.5	15.9	18.3	20.6	22.6	25.1	27.4	27.9	27.2	27.2	27.4	27.3
-75	1.23	2.33	5.39	9.25	12.5	15.6	18.9	22.3	26.0	29.1	32.2	34.7	37.5	40.5	43.2	44.2	45.6	46.8	47.0
-70	1.73	3.75	9.49	14.6	19.4	23.8	29.0	34.1	38.7	42.3	45.9	48.8	52.3	55.9	59.8	62.2	65.1	66.5	66.7
-65	1.03	3.10	10.9	20.7	28.7	34.5	40.3	46.1	52.8	61.6	74.3	85.8	95.2	99.0	99.8	99.3	99.3	100	101
-60	1.86	6.41	20.9	33.8	43.1	49.8	56.4	62.9	73.2	90.5	112	132	142	143	140	136	134	135	135
-55	0.74	4.05	18.2	34.2	45.1	53.4	65.1	90.6	130	166	190	201	203	199	191	183	177	174	174
-50	1.96	9.61	29.8	44.7	53.6	64.9	89.2	149	218	264	279	275	262	248	236	225	217	213	213
-45	0.43	5.13	24.6	42.5	53.5	69.6	125	214	287	317	318	305	290	274	261	249	240	234	232
-40	2.06	13.5	35.6	50.2	62.5	104	229	346	389	376	348	324	305	289	276	265	256	252	252
-35	0.00	6.48	28.9	46.7	59.8	111	268	409	449	423	387	358	336	318	301	288	278	272	270
-30	2.16	16.8	38.3	53.0	78.0	224	439	530	497	440	400	374	352	333	316	303	293	289	289
-25	0.00	8.66	31.1	48.5	67.9	204	470	613	583	503	452	420	393	367	344	327	315	308	307
-20	2.25	18.9	39.7	54.9	112	403	657	711	598	518	476	444	413	382	357	340	330	326	326
-15	0.00	10.7	31.8	48.7	76.7	321	675	822	753	611	547	509	471	432	397	374	359	352	350
-10	2.30	19.1	39.1	55.2	144	561	869	926	773	641	586	544	498	452	417	395	382	376	377
-5	0.00	11.3	31.2	47.7	80.5	402	854	1037	972	787	687	633	581	525	478	447	429	419	417
0	2.34	18.9	37.8	53.9	161	664	1055	1146	1020	831	742	682	619	557	511	483	466	458	459
5	0.00	10.8	29.6	45.5	74.5	383	953	1208	1184	1010	871	790	720	649	588	547	523	510	507
10	2.91	17.5	35.2	50.4	112	609	1134	1304	1228	1056	928	843	764	687	628	590	567	557	557
15	0.00	10.0	27.2	42.4	63.4	270	900	1270	1322	1198	1051	952	871	791	719	666	633	615	610
20	2.84	16.0	32.1	46.3	77.2	408	1052	1339	1342	1212	1086	996	913	833	762	712	681	666	665
25	0.00	8.93	24.1	38.2	54.0	145	638	1158	1337	1298	1182	1087	1017	953	888	834	796	773	766
30	2.70	13.6	27.8	40.9	58.3	166	720	1194	1336	1295	1193	1119	1069	1020	968	921	889	872	869
35	0.00	7.65	20.2	32.8	45.8	75.2	291	808	1183	1288	1254	1180	1127	1088	1051	1015	985	966	959
40	2.57	11.3	23.0	34.6	47.2	72.7	244	801	1164	1276	1255	1193	1152	1127	1104	1081	1064	1053	1051
45	0.00	6.32	16.1	26.5	36.9	50.9	97.9	341	741	1071	1223	1253	1228	1196	1173	1154	1136	1122	1116
50	2.42	8.72	17.5	26.7	35.8	48.8	73.7	192	629	1025	1237	1299	1277	1246	1227	1211	1196	1185	1182
55	0.00	4.71	12.0	19.7	27.3	35.9	49.4	84.1	253	528	779	979	1074	1090	1061	1016	975	943	928
60	2.28	6.48	12.5	19.0	24.9	32.4	42.3	61.1	101	233	504	758	899	918	860	787	725	685	672
65	0.10	2.72	8.21	13.2	18.2	23.6	30.1	39.1	55.5	101	214	359	458	494	477	441	407	382	369
70	1.22	2.49	7.88	11.6	15.4	20.0	23.8	27.9	33.1	38.9	45.6	53.4	61.2	65.2	67.0	67.1	66.8	65.6	65.1
75	0.70	1.39	4.21	7.18	9.75	12.7	16.0	18.5	21.4	24.8	28.5	32.5	37.4	40.9	42.8	43.3	43.0	43.0	42.6
80	1.02	1.28	3.34	4.83	6.29	8.17	10.2	11.2	12.4	13.6	14.5	15.6	17.0	18.4	19.4	19.2	19.4	20.1	20.0
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:25 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:220.12V I:0.8690A P:187.58W PF:0.9807 Freq:49.99Hz Lamp Flux:26065.8x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:200W	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	27.1	26.9	27.3	27.6	25.8	23.1	20.9	18.6	16.4	13.9	11.8	9.95	7.99	6.18	4.35	2.28	1.31	0.80	
-75	46.9	45.8	44.3	43.4	40.7	37.7	34.6	31.9	28.7	25.6	22.1	18.7	15.2	12.1	8.73	5.25	1.99	1.00	
-70	66.0	63.5	60.6	57.3	53.2	49.7	46.2	42.7	38.6	34.6	29.7	24.6	19.9	15.4	10.4	5.17	1.70	0.74	
-65	100	99.8	99.9	101	99.7	95.3	85.6	73.4	60.5	51.6	44.9	39.3	33.8	28.4	21.0	12.2	3.45	1.07	
-60	134	136	140	144	144	134	115	93.8	74.2	63.1	55.7	49.6	43.4	36.0	24.8	11.2	2.25	0.68	
-55	174	177	184	192	200	205	203	192	169	133	92.1	64.3	52.1	44.5	35.4	21.7	5.82	1.14	
-50	216	223	234	247	261	276	284	275	237	171	101	67.4	54.3	46.6	36.0	18.5	3.05	0.58	
-45	234	240	250	263	277	293	309	321	322	294	225	133	71.0	52.7	43.6	28.8	8.53	1.19	
-40	256	265	276	290	306	324	345	372	394	373	275	136	68.3	51.6	41.1	23.5	3.84	0.36	
-35	272	280	291	306	323	343	364	390	423	453	427	299	131	61.3	47.2	32.8	11.7	1.25	
-30	293	303	317	335	356	379	402	432	480	535	501	321	111	56.5	43.8	26.7	5.16	0.19	
-25	309	317	331	349	375	404	432	460	502	580	632	521	257	76.8	49.1	34.8	14.6	1.32	
-20	331	341	358	383	417	452	483	516	575	697	718	535	201	64.0	44.3	27.8	7.54	0.03	
-15	354	363	379	404	440	484	525	562	615	746	845	747	413	98.2	49.9	35.3	15.9	1.38	
-10	383	396	418	451	498	550	596	641	732	911	949	742	298	68.2	44.1	28.1	8.48	0.00	
-5	421	433	453	485	533	593	651	705	791	965	1067	945	524	109	49.3	34.6	16.0	1.43	
0	467	483	510	553	614	684	749	821	971	1139	1155	882	315	70.1	42.6	27.1	8.39	0.02	
5	512	527	552	593	653	728	804	882	1001	1172	1245	1064	528	98.7	47.4	33.0	15.4	1.58	
10	566	587	621	675	750	834	919	1020	1170	1305	1269	901	253	61.1	40.5	25.6	8.14	0.00	
15	616	635	668	720	792	875	957	1045	1171	1305	1315	1028	398	79.4	44.3	30.5	14.3	1.70	
20	678	706	751	816	898	983	1062	1160	1289	1360	1222	703	140	52.7	37.3	22.9	7.53	0.00	
25	774	796	834	887	952	1017	1080	1157	1261	1331	1228	787	212	61.6	40.3	27.2	12.6	1.68	
30	883	913	956	1008	1058	1103	1154	1234	1310	1280	971	353	79.1	46.0	33.2	19.9	6.52	0.02	
35	965	983	1012	1048	1084	1118	1158	1217	1265	1211	919	398	98.0	48.8	35.1	23.0	10.5	1.58	
40	1058	1073	1096	1118	1138	1162	1206	1250	1215	979	458	109	54.6	38.8	27.5	16.1	5.37	0.19	
45	1119	1131	1147	1165	1183	1204	1226	1215	1105	833	434	126	57.1	38.9	28.4	18.3	8.37	1.42	
50	1188	1200	1214	1226	1243	1264	1252	1125	823	363	106	57.6	40.4	30.2	21.3	12.4	3.91	0.36	
55	932	954	988	1026	1056	1052	981	819	582	326	113	54.9	38.5	28.8	21.1	13.5	6.25	1.31	
60	690	733	792	854	876	802	605	333	143	74.5	48.6	35.8	28.1	21.2	14.8	8.81	2.26	0.42	
65	372	389	417	449	470	453	375	244	118	62.7	41.6	31.2	25.0	19.1	14.0	9.03	3.50	1.17	
70	65.7	66.4	66.3	65.4	62.2	56.9	48.6	41.0	34.8	29.7	24.9	21.2	17.1	12.8	9.05	5.39	1.23	0.66	
75	42.7	42.8	42.6	42.4	40.8	37.9	33.5	28.9	25.1	21.9	18.7	16.1	13.3	10.2	7.42	4.76	1.42	0.98	
80	19.8	18.9	19.0	18.6	17.3	15.9	14.6	13.6	12.7	11.5	10.3	8.99	6.87	5.21	3.76	1.74	0.94	0.83	
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:25 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: