

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	350.1 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	153.3V x 152.2H
	At 50% of Imax	115.3V x 116.2H
	At 90% of Imax	55.6V x 56.2H

Beam Flux	Total	998.6 lumens per klm.
	To 10% of Imax	985.0 lumens per klm.
	To 50% of Imax	793.7 lumens per klm.
	To 90% of Imax	241.9 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

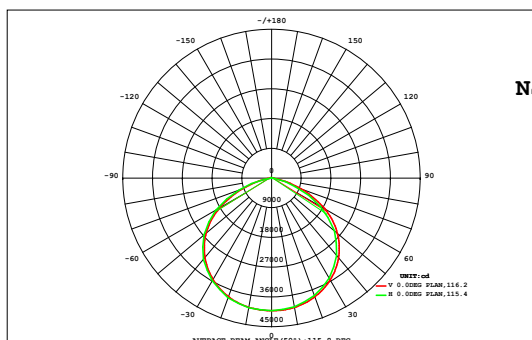
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 November 2019

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:120.09V I:6.5446A P:772.08W PF:0.9824 Freq:59.98Hz Lamp Flux:114598x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:800W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



DATA OF LAMP		Eff:148.43lm/W	
NJZ-MOHEB00-V01-RZ-120-TG-BL		Imax(cd)	40121
NOMINAL POWER(W)	800	AVAILABILITY(%)	98.7
RATED VOLTAGE(V)	120	Avai. FLUX(lm)	113083
NOMINAL FLUX(lm)	114598	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	114598
TEST VOLTAGE(V)	120	θ @50% (H,V)	116,115DEG

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	0.17	1.71	8.74	27.1	57.4	95.4	134	163	179	178	162	132	92.9	55.3	25.4	7.95	1.48	0.15	1322	896
70	0.26	4.98	29.1	84.7	167	261	348	414	449	449	412	345	256	162	81.4	27.5	4.43	0.21	3496	3393
60	0.44	11.4	61.6	163	298	440	565	657	705	705	654	561	434	292	158	59.0	10.5	0.37	5776	5723
50	0.74	19.6	97.7	239	414	588	736	840	895	894	838	733	584	409	235	94.5	18.4	0.63	7637	7603
40	1.09	28.2	131	304	504	696	856	972	1032	1031	970	853	692	499	298	127	26.6	0.95	9022	8997
30	1.43	35.6	157	350	566	770	942	1065	1129	1129	1063	939	767	563	346	154	34.1	1.27	10014	9994
	1.71	41.2	175	381	605	818	996	1123	1188	1188	1121	993	814	601	377	171	39.3	1.50	10636	10618
	1.82	43.6	183	395	622	838	1020	1148	1212	1212	1147	1018	836	620	392	180	42.3	1.67	10911	10893
	1.82	43.3	182	392	619	835	1015	1143	1207	1207	1142	1013	832	617	389	178	41.7	1.64	10860	10843
	1.61	39.6	170	373	595	805	982	1109	1174	1173	1108	981	804	593	371	168	38.7	1.49	10489	10470
	1.33	33.8	151	338	550	750	919	1040	1104	1103	1039	918	748	547	335	148	32.5	1.17	9759	9737
-30	0.89	25.5	122	285	479	665	822	935	994	994	935	821	664	478	284	121	25.2	0.83	8649	8622
-40	0.54	17.1	87.5	218	381	546	687	789	841	841	788	686	545	380	216	85.9	16.5	0.49	7126	7089
-50	0.29	9.28	52.0	140	261	389	507	591	635	635	589	504	387	258	138	50.6	8.75	0.27	5156	5095
-60	0.16	3.56	22.1	66.4	134	212	287	342	374	374	342	284	209	131	64.6	21.2	3.26	0.15	2871	2740
-70	0.10	0.77	4.32	14.8	34.4	60.7	87.7	109	120	120	109	87.4	60.5	34.2	14.6	4.18	0.74	0.10	864	369
-80	0.03	0.10	0.11	0.20	0.44	0.84	1.26	1.64	1.87	1.87	1.62	1.23	0.82	0.44	0.19	0.10	0.10	0.04	12.9	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	14.4	359	1633	3772	6288	8770	10905	12443	13241	13234	12420	10870	8726	6240	3726	1598	345	12.9	114598	---
Φ a	0.00	225	1536	3680	6210	8697	10817	12354	13150	13144	12330	10784	8653	6161	3632	1498	212	0.00	---	113083

one-half-peak spread: U:56.2,D:59.6 , L:58.5,R:58.2

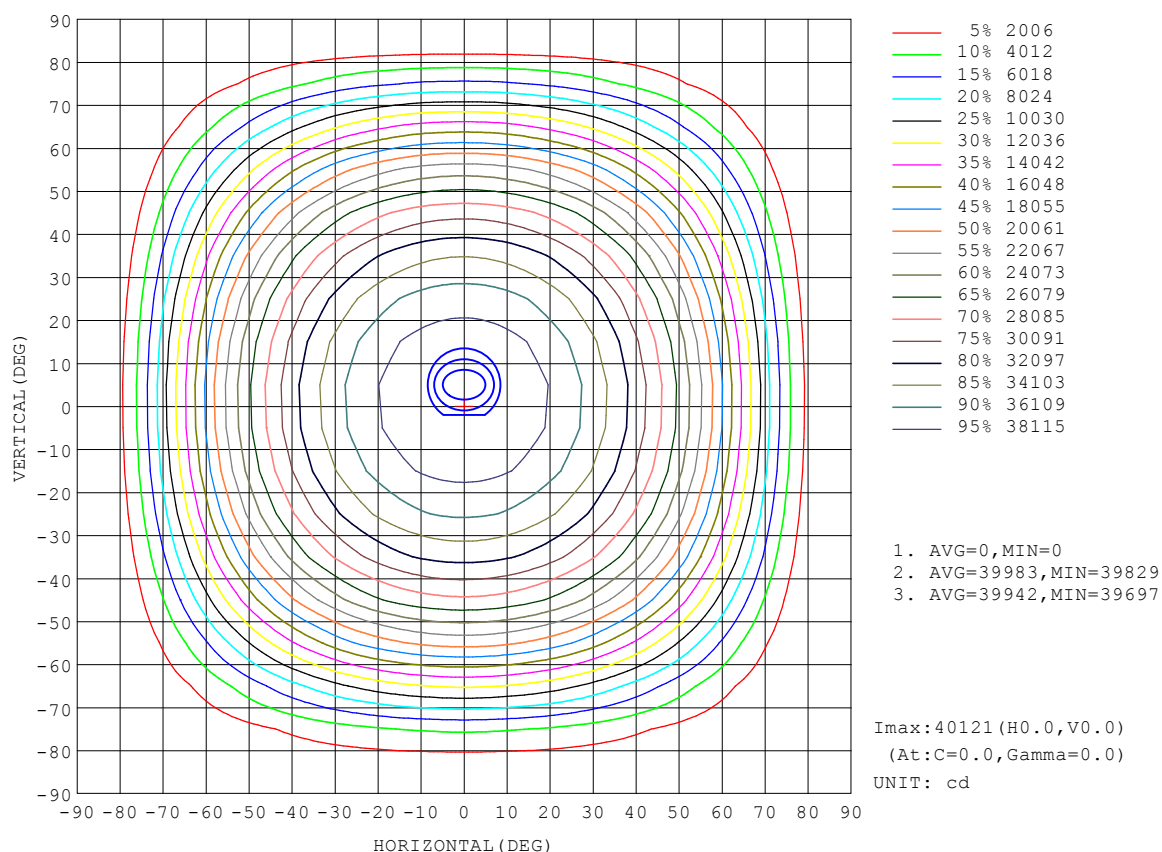
NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 November 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:120.09V I:6.5446A P:772.08W PF:0.9824 Freq:59.98Hz Lamp Flux:114598x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:800W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

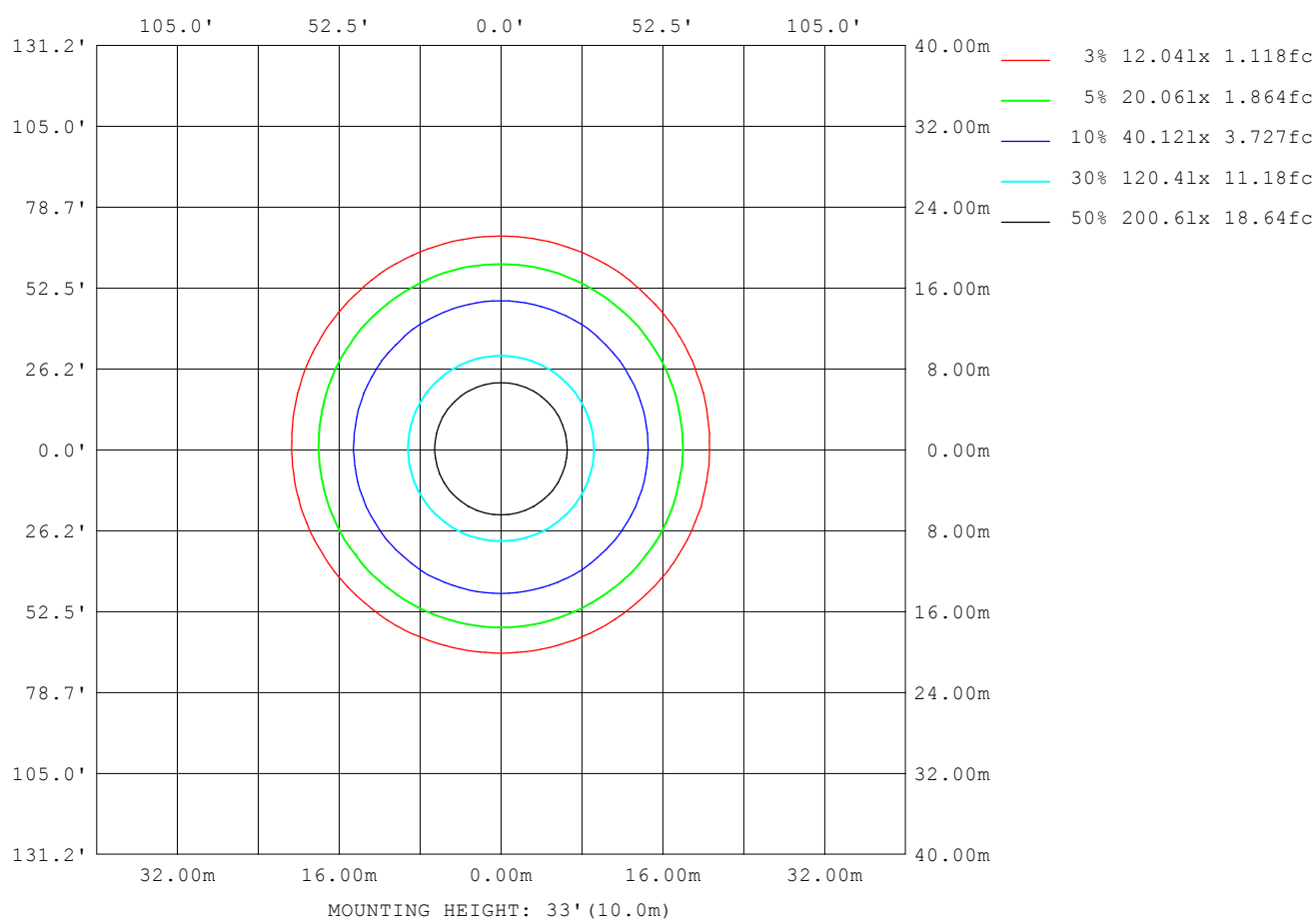


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 November 2019

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

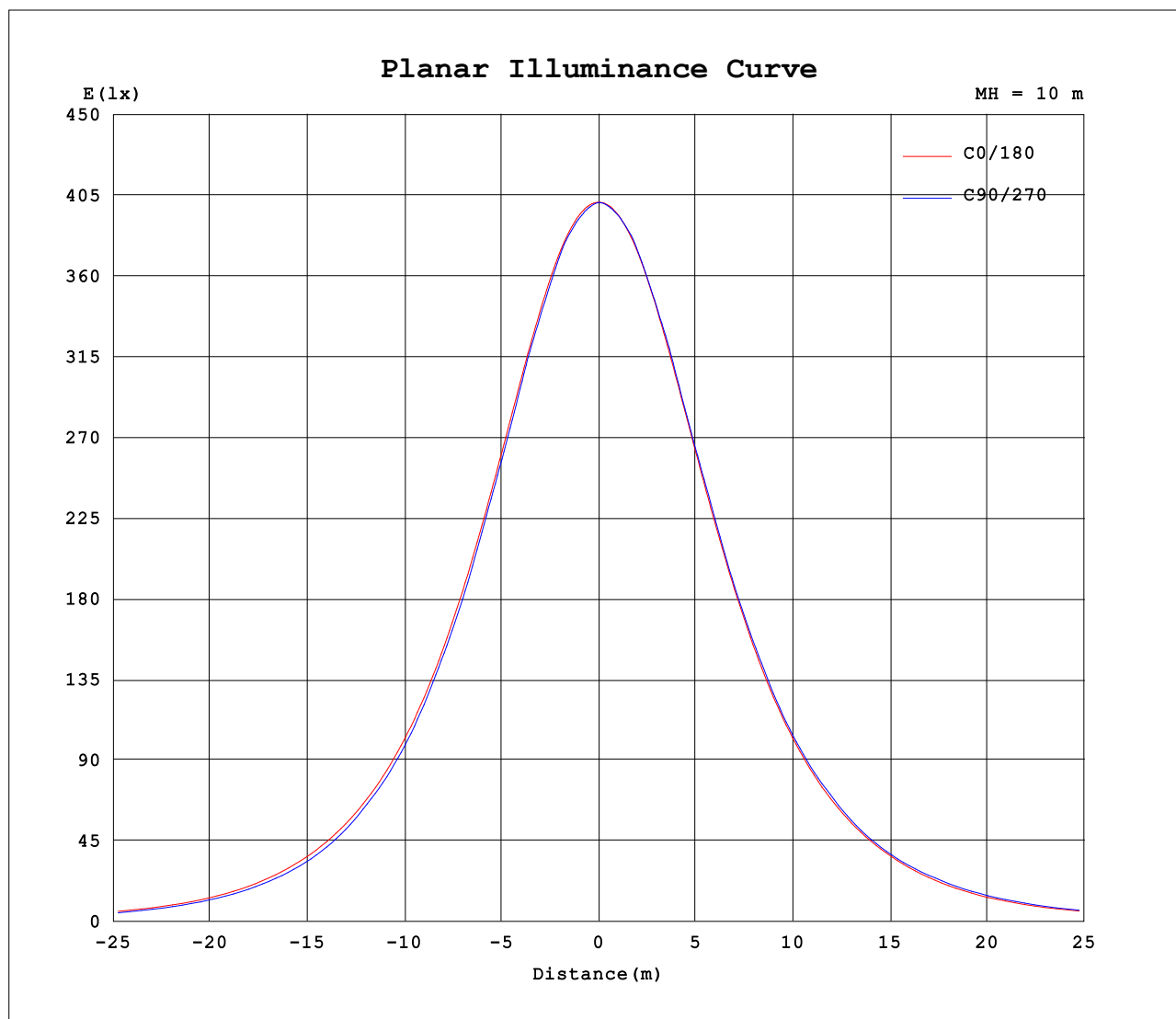
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SPEC.:800W	DIM.: N/A	SERIAL No.:N/A
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 November 2019

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



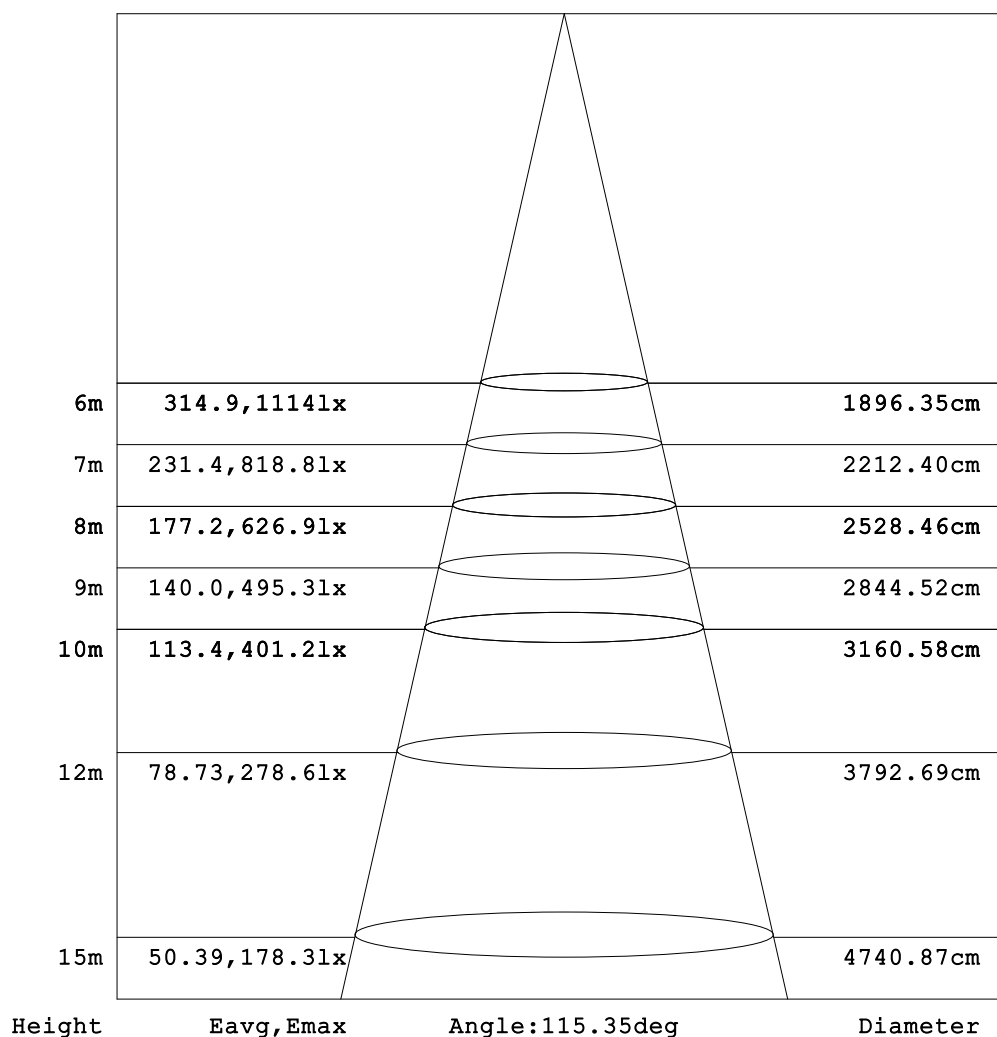
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 November 2019

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:120.09V I:6.5446A P:772.08W PF:0.9824 Freq:59.98Hz Lamp Flux:114598x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:800W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:91222 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:08 November 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:120.09V I:6.5446A P:772.08W PF:0.9824 Freq:59.98Hz Lamp Flux:114598x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:800W	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	2.25	2.52	3.59	5.80	8.17	10.8	14.5	19.7	26.8	35.6	45.4	55.8	65.2	73.3	80.9	87.8	92.3	95.1	96.6
-75	2.28	3.01	5.57	12.1	25.5	45.4	72.7	107	147	190	233	276	316	351	380	404	418	429	434
-70	2.31	3.49	7.56	18.4	42.8	80.0	131	195	268	344	421	496	567	628	680	721	744	763	772
-65	2.36	4.23	12.4	41.4	95.1	171	270	383	503	624	741	848	950	1033	1102	1157	1196	1221	1230
-60	2.41	4.97	17.2	64.4	147	263	410	571	738	903	1060	1199	1333	1439	1524	1592	1647	1679	1688
-55	2.48	5.95	28.4	103	225	392	586	794	1000	1200	1384	1545	1694	1817	1913	1986	2040	2073	2083
-50	2.54	6.94	39.6	141	302	521	762	1016	1261	1497	1709	1891	2054	2196	2301	2379	2434	2467	2478
-45	2.62	7.80	55.7	187	394	657	941	1229	1503	1753	1981	2173	2337	2477	2586	2668	2725	2760	2771
-40	2.70	8.65	71.8	233	485	793	1120	1442	1744	2008	2253	2454	2619	2759	2871	2956	3016	3052	3064
-35	2.76	10.4	90.1	280	573	914	1272	1614	1931	2207	2449	2655	2825	2967	3081	3169	3230	3266	3278
-30	2.83	12.1	108	327	661	1034	1424	1785	2119	2405	2645	2855	3030	3175	3291	3381	3444	3481	3493
-25	2.88	16.3	127	373	735	1136	1535	1917	2253	2539	2784	2996	3174	3321	3438	3528	3592	3629	3641
-20	2.92	20.5	146	419	810	1239	1647	2048	2386	2673	2923	3137	3318	3467	3585	3676	3739	3778	3790
-15	2.96	20.8	154	444	853	1291	1720	2124	2462	2753	3005	3220	3402	3553	3672	3762	3826	3862	3874
-10	3.00	21.0	161	470	896	1344	1793	2200	2538	2832	3086	3303	3487	3639	3759	3849	3912	3947	3959
-5	3.03	22.2	169	486	921	1371	1825	2231	2569	2864	3119	3337	3521	3672	3792	3882	3943	3976	3985
0	3.06	23.3	177	502	946	1397	1856	2262	2601	2895	3152	3371	3555	3706	3825	3915	3974	4005	4012
5	3.09	22.5	172	493	931	1382	1839	2246	2584	2879	3135	3353	3537	3688	3808	3897	3958	3991	4000
10	3.13	21.7	166	483	917	1367	1821	2230	2567	2862	3117	3335	3519	3671	3790	3879	3942	3977	3988
15	3.15	20.8	160	461	880	1324	1760	2169	2505	2798	3051	3268	3451	3601	3720	3810	3873	3909	3921
20	3.18	19.9	154	439	844	1281	1699	2108	2443	2733	2985	3201	3383	3532	3651	3741	3804	3841	3854
25	3.21	17.9	137	397	777	1191	1600	1992	2329	2616	2864	3078	3257	3405	3523	3613	3676	3713	3725
30	3.24	16.0	120	356	711	1101	1501	1875	2215	2499	2742	2954	3132	3278	3395	3485	3548	3585	3596
35	3.27	15.2	104	310	628	988	1364	1718	2043	2324	2568	2774	2947	3091	3206	3293	3355	3391	3403
40	3.29	14.5	87.3	265	545	875	1227	1560	1871	2149	2394	2593	2762	2904	3017	3102	3163	3198	3209
45	3.32	12.4	70.5	216	450	739	1050	1356	1645	1909	2142	2340	2510	2648	2756	2839	2898	2932	2943
50	3.34	10.3	53.7	168	354	603	874	1151	1419	1670	1891	2087	2257	2392	2495	2575	2633	2666	2677
55	3.35	8.98	40.0	126	272	469	693	927	1161	1380	1580	1755	1913	2038	2138	2219	2275	2307	2317
60	3.36	7.68	26.2	84.5	189	335	512	702	903	1089	1269	1424	1569	1684	1781	1863	1918	1948	1958
65	3.37	6.32	19.1	56.9	128	229	356	498	650	794	938	1063	1181	1279	1358	1424	1472	1496	1502
70	3.38	4.96	12.0	29.3	66.9	124	200	294	396	498	607	702	794	875	935	985	1027	1043	1047
75	3.39	4.22	8.94	19.1	40.1	72.1	116	171	232	293	359	418	477	528	568	599	625	635	638
80	3.40	3.49	5.92	8.96	13.3	20.4	32.4	47.6	67.6	88.6	111	135	160	182	200	213	222	227	229
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:08 November 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:120.09V I:6.5446A P:772.08W PF:0.9824 Freq:59.98Hz Lamp Flux:114598x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:800W	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	95.2	91.8	86.6	80.1	72.3	64.2	54.9	45.2	35.2	26.5	19.4	14.2	10.5	7.82	5.65	3.78	3.09	2.32	
-75	429	417	402	379	349	313	274	231	188	145	106	71.0	43.8	24.3	11.3	5.62	3.44	2.35	
-70	762	743	717	678	625	563	494	418	340	264	192	128	77.1	40.9	17.0	7.45	3.80	2.38	
-65	1220	1193	1153	1098	1027	940	839	731	614	493	375	263	165	90.1	37.9	11.3	4.37	2.44	
-60	1677	1644	1589	1518	1429	1316	1185	1043	887	722	558	398	254	139	58.7	15.2	4.94	2.49	
-55	2072	2038	1982	1906	1808	1682	1534	1370	1185	988	782	574	381	217	96.4	25.2	5.55	2.55	
-50	2466	2432	2375	2295	2187	2047	1883	1697	1483	1254	1007	750	508	294	134	35.3	6.16	2.62	
-45	2759	2723	2665	2582	2472	2333	2167	1973	1744	1495	1219	929	644	385	181	51.3	7.15	2.68	
-40	3051	3015	2954	2869	2757	2618	2451	2249	2005	1735	1431	1107	780	477	228	67.4	8.13	2.74	
-35	3266	3229	3167	3079	2965	2823	2651	2445	2202	1923	1604	1261	904	566	275	86.1	9.52	2.80	
-30	3481	3443	3379	3290	3173	3027	2851	2642	2400	2112	1776	1415	1029	654	323	105	10.9	2.86	
-25	3628	3590	3526	3435	3317	3169	2989	2776	2530	2241	1901	1520	1117	719	361	119	12.5	2.90	
-20	3776	3737	3672	3580	3461	3310	3127	2911	2661	2371	2027	1625	1206	783	398	132	14.0	2.95	
-15	3861	3823	3759	3667	3547	3396	3212	2995	2742	2450	2107	1701	1271	835	430	146	16.2	2.98	
-10	3946	3910	3846	3754	3634	3482	3297	3079	2824	2530	2188	1776	1337	887	462	159	18.3	3.00	
-5	3975	3940	3878	3787	3666	3513	3329	3109	2853	2557	2214	1803	1351	900	470	160	18.5	3.04	
0	4003	3971	3910	3819	3697	3544	3360	3139	2882	2585	2241	1829	1365	913	478	162	18.6	3.08	
5	3989	3955	3892	3801	3680	3527	3342	3122	2866	2569	2226	1814	1358	905	473	161	18.4	3.12	
10	3975	3939	3875	3784	3663	3510	3325	3105	2849	2554	2212	1799	1352	897	468	161	18.3	3.16	
15	3908	3869	3804	3712	3591	3439	3255	3036	2782	2488	2145	1732	1298	852	441	149	16.9	3.20	
20	3840	3800	3734	3641	3520	3369	3185	2967	2714	2423	2079	1666	1243	807	414	137	15.6	3.25	
25	3711	3672	3606	3514	3394	3244	3063	2847	2599	2309	1964	1572	1162	749	377	124	15.7	3.28	
30	3583	3544	3479	3386	3268	3120	2941	2728	2484	2196	1848	1477	1080	690	341	111	15.8	3.32	
35	3389	3351	3286	3196	3079	2934	2759	2550	2304	2019	1688	1332	960	603	293	93.8	13.4	3.35	
40	3196	3157	3094	3006	2890	2747	2576	2373	2124	1843	1528	1186	840	516	245	76.5	11.0	3.39	
45	2930	2893	2832	2747	2636	2495	2322	2122	1886	1621	1329	1019	712	428	202	61.1	9.90	3.41	
50	2665	2628	2569	2488	2382	2243	2068	1871	1648	1399	1131	853	584	340	159	45.6	8.76	3.42	
55	2305	2270	2211	2128	2026	1897	1736	1555	1355	1137	904	671	450	258	117	33.2	7.53	3.43	
60	1946	1911	1852	1767	1670	1551	1403	1240	1062	874	677	490	317	176	75.7	20.8	6.30	3.44	
65	1495	1467	1415	1348	1267	1165	1046	915	773	628	479	340	216	118	50.1	15.5	5.20	3.44	
70	1044	1023	978	929	865	779	690	591	484	382	282	189	116	60.1	24.5	10.3	4.09	3.43	
75	635	622	594	563	521	467	410	349	284	222	162	109	66.3	35.9	16.2	7.49	3.71	3.43	
80	227	221	211	197	177	154	129	106	83.7	61.9	42.6	27.7	17.0	11.7	7.88	4.66	3.32	3.42	
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:08 November 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: