

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	580.0 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	122.1V x 127.9H
	At 50% of Imax	79.3V x 79.8H
	At 90% of Imax	45.6V x 45.0H

Beam Flux	Total	999.0 lumens per klm.
	To 10% of Imax	925.0 lumens per klm.
	To 50% of Imax	668.2 lumens per klm.
	To 90% of Imax	270.8 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

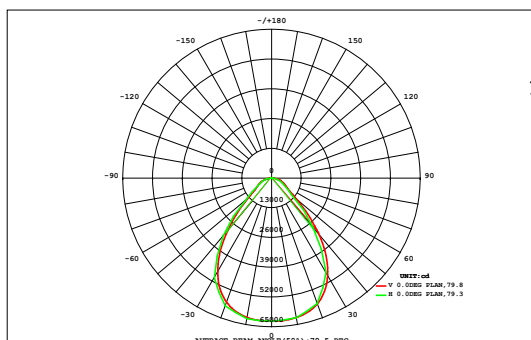
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 November 2019

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:120.07V I:6.5842A P:776.63W PF:0.9824 Freq:59.98Hz Lamp Flux:107917x1 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:138.95lm/W	
NJZMODEL800-V01-RZ-90-PC-BL		Imax(cd)	62589
NOMINAL POWER(W)	800	AVAILABILITY(%)	92.5
RATED VOLTAGE(V)	120	Avai. FLUX(lm)	99772
NOMINAL FLUX(lm)	107917	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	107917
TEST VOLTAGE(V)	120	θ @50%(H,V)	80,79DEG

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	0.32	5.02	17.1	34.2	54.2	74.7	92.8	104	109	109	105	93.5	75.2	54.6	34.6	17.2	5.05	0.32	985	0.00
70	0.81	10.6	31.9	59.5	89.2	120	146	163	171	171	165	148	121	90.5	60.3	32.3	10.5	0.77	1592	233
60	1.47	16.4	46.1	83.4	125	169	216	264	296	299	269	221	173	127	84.6	46.4	16.1	1.37	2455	1905
50	2.03	20.6	56.4	102	159	246	386	547	653	655	552	396	255	163	104	56.9	20.3	1.92	4376	4066
40	2.49	23.9	64.5	119	209	425	765	1079	1249	1245	1070	762	433	217	122	65.1	23.6	2.36	7876	7657
30	2.82	26.2	70.7	135	298	694	1167	1517	1678	1674	1501	1150	692	309	140	71.6	26.1	2.73	11154	10977
20	3.06	27.9	75.3	152	404	909	1405	1726	1859	1856	1710	1383	895	408	158	76.2	27.7	2.94	13078	12923
10	3.14	28.6	77.5	164	467	1003	1487	1780	1897	1896	1773	1474	992	469	171	78.7	28.7	3.07	13793	13647
0	3.14	28.6	77.5	165	463	991	1471	1764	1883	1886	1768	1467	982	462	169	78.4	28.6	3.04	13689	13542
-10	2.96	27.5	74.7	151	393	873	1357	1678	1821	1828	1688	1358	868	394	155	75.6	27.7	2.88	12775	12617
-20	2.65	25.8	69.9	134	289	655	1100	1443	1613	1617	1447	1097	649	290	135	70.4	25.8	2.49	10666	10481
-30	2.18	23.0	63.1	116	197	393	702	994	1159	1158	989	697	392	201	117	63.5	23.2	1.96	7294	7060
-40	1.70	19.6	54.7	99.3	150	218	337	481	577	574	475	333	217	149	99.0	54.4	19.2	1.38	3861	3498
-50	1.14	15.0	43.7	79.5	118	154	182	204	221	222	205	182	154	118	79.2	43.4	14.6	0.90	2039	1166
-60	0.66	9.52	29.5	54.9	82.7	110	132	144	145	145	142	131	109	82.1	54.3	28.8	8.71	0.46	1411	0.00
-70	0.25	3.77	13.1	26.2	42.1	58.0	71.9	79.8	83.0	83.0	79.7	71.7	57.8	41.8	25.8	12.5	3.22	0.17	754	0.00
-80	0.03	0.32	1.36	3.37	6.08	8.86	12.1	14.5	15.4	15.3	14.4	11.7	8.26	5.52	2.84	1.05	0.18	0.02	121	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	30.8	312	867	1679	3547	7101	11031	13981	15428	15432	13952	10978	7073	3582	1711	872	309	28.8	107917	---
Φ a	0.00	0.00	143	1127	3043	6614	10529	13479	14936	14940	13465	10504	6574	3090	1169	159	0.00	0.00	---	99772

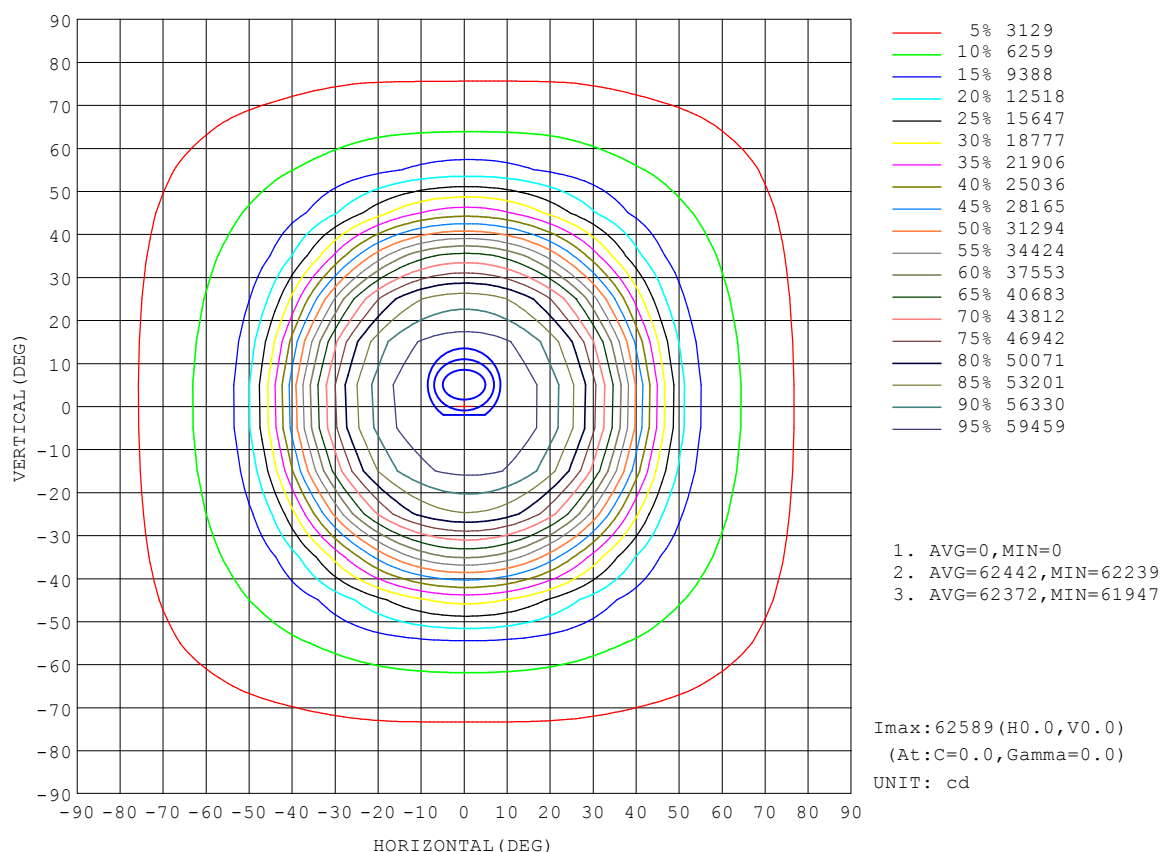
one-half-peak spread: U:38.5,D:41.1 , L:40.7,R:39.5 NEMA Beam Type: Type 6

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:120.07V I:6.5842A P:776.63W PF:0.9824 Freq:59.98Hz Lamp Flux:107917x1 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

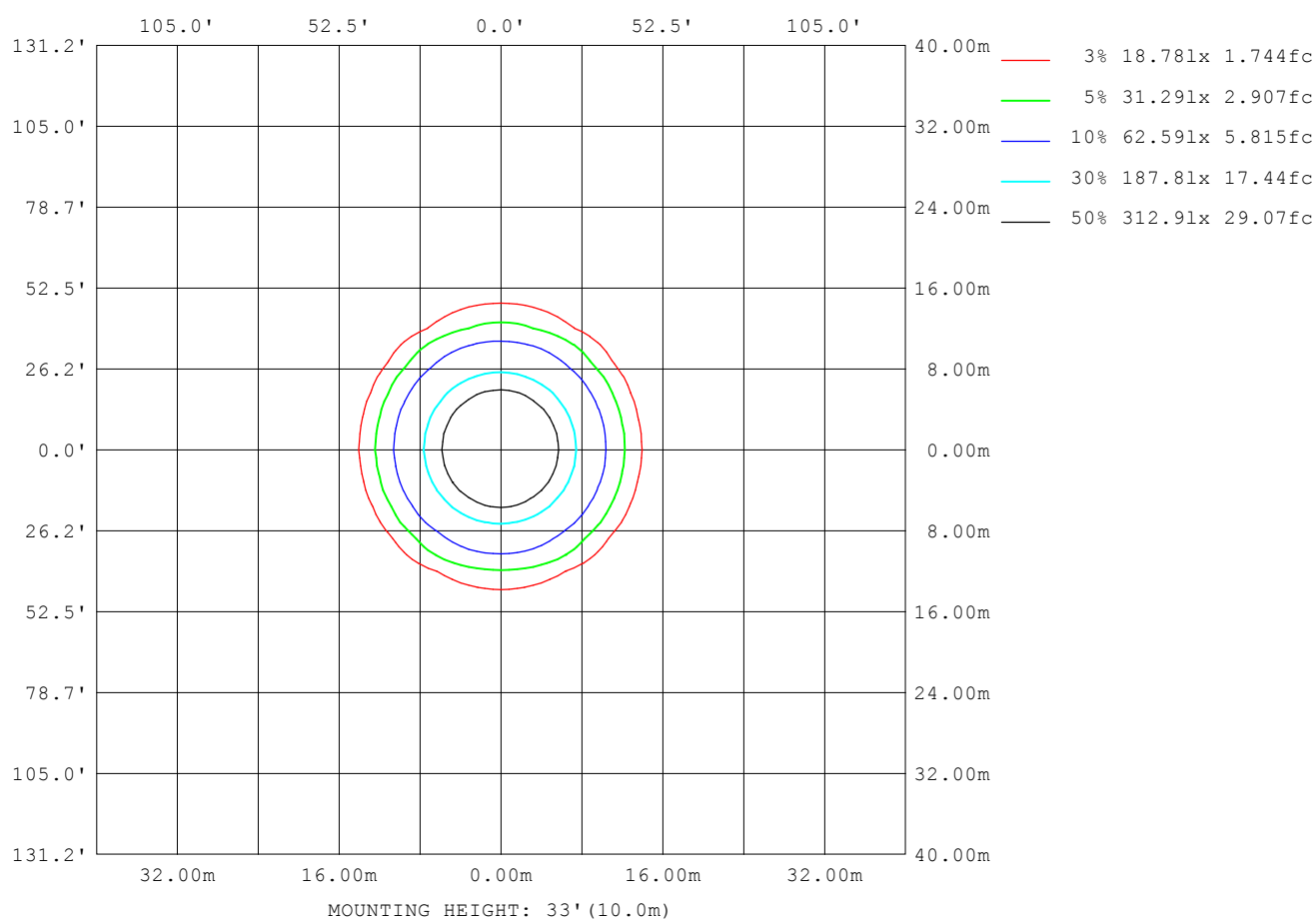


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 November 2019

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

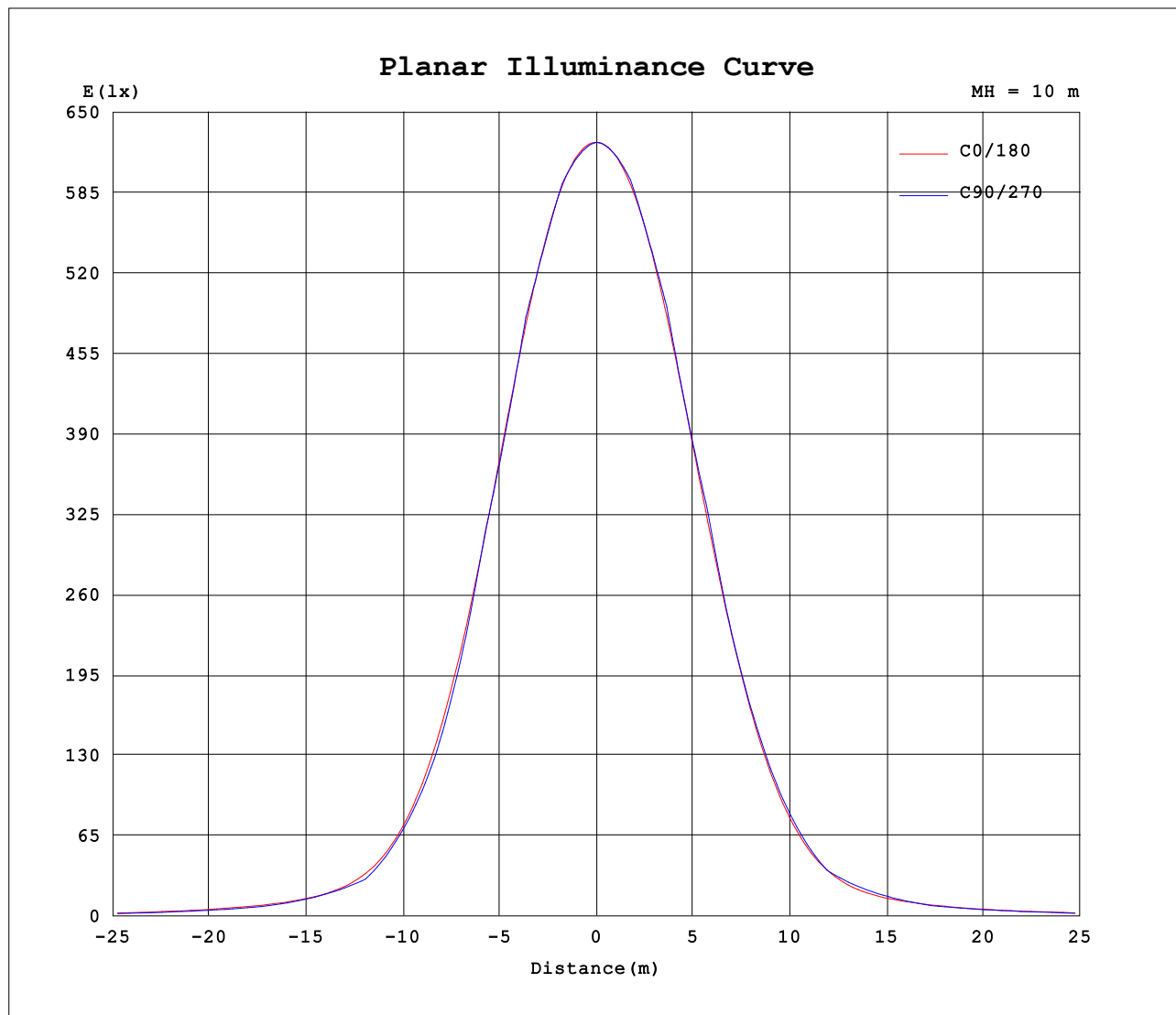
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NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:800W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



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:

Planar Illuminance Curve



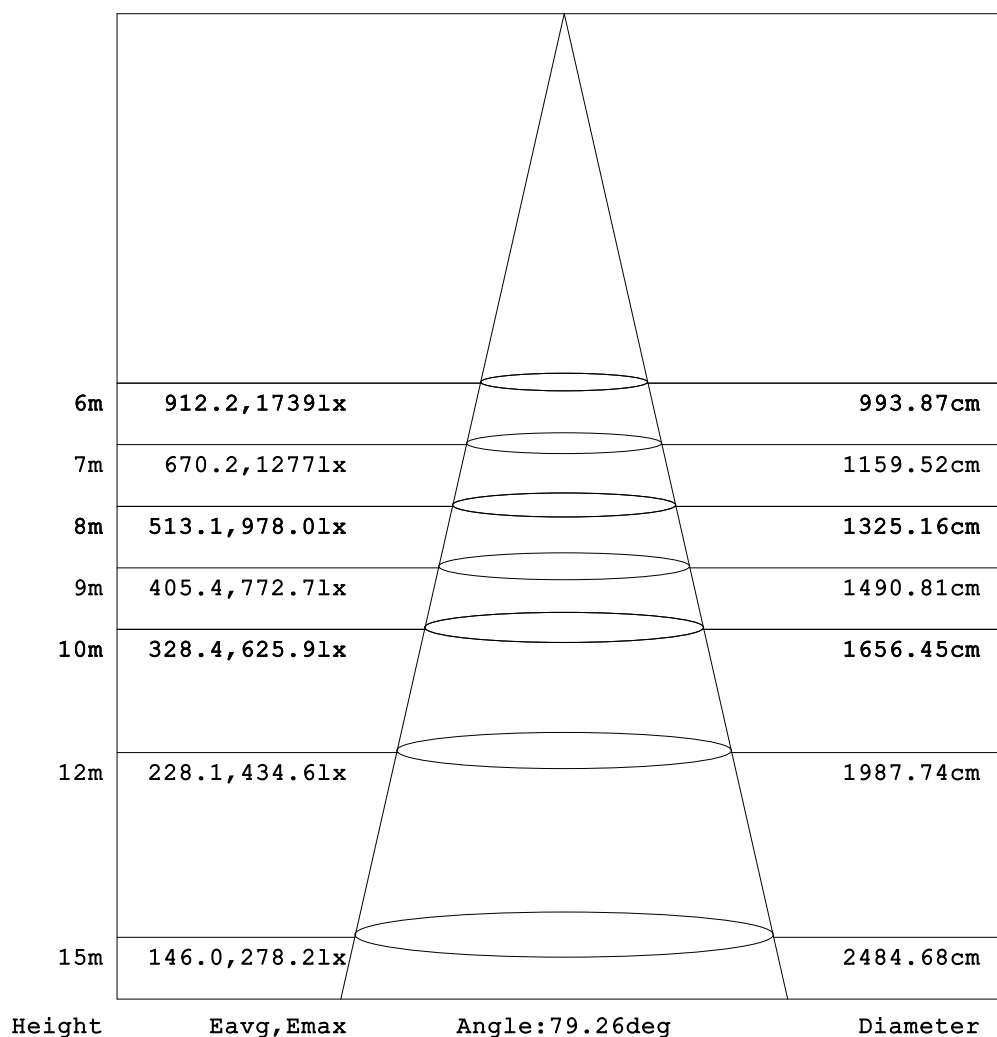
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 November 2019

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:120.07V I:6.5842A P:776.63W PF:0.9824 Freq:59.98Hz Lamp Flux:107917x1 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:72640 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:120.07V I:6.5842A P:776.63W PF:0.9824 Freq:59.98Hz Lamp Flux:107917x1 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	1.85	2.74	7.48	18.5	32.3	46.4	60.8	74.4	88.8	102	113	123	135	145	152	157	159	159	159
-75	1.79	3.66	17.7	42.2	71.4	99.1	123	147	172	192	211	229	245	259	268	272	274	275	275
-70	1.88	7.16	36.8	77.0	122	162	195	229	264	290	316	341	362	377	385	389	389	391	392
-65	1.75	8.16	45.9	104	166	218	262	303	343	377	408	437	463	484	498	506	509	510	511
-60	1.94	18.3	76.2	156	231	292	346	394	436	476	511	544	574	598	615	625	629	630	630
-55	1.70	15.1	78.8	169	258	327	389	446	497	544	590	635	679	724	768	811	847	873	884
-50	2.04	30.3	114	221	314	388	456	519	577	631	686	743	802	867	939	1013	1078	1123	1139
-45	1.69	24.3	112	224	330	411	486	557	625	697	783	906	1073	1270	1480	1676	1834	1939	1979
-40	2.21	46.4	151	275	380	464	546	623	702	793	921	1129	1418	1757	2103	2409	2641	2781	2820
-35	1.79	34.5	140	267	384	475	564	650	746	889	1140	1516	1976	2456	2904	3279	3556	3726	3788
-30	2.41	60.7	176	313	426	521	616	712	836	1065	1490	2078	2726	3342	3870	4277	4555	4712	4756
-25	1.92	46.5	163	300	425	524	626	735	896	1227	1782	2483	3206	3864	4405	4810	5080	5237	5297
-20	2.69	77.6	196	348	463	568	677	808	1053	1573	2339	3180	3964	4623	5125	5471	5685	5801	5840
-15	2.03	58.2	177	325	453	560	673	809	1079	1657	2478	3360	4167	4830	5327	5660	5863	5974	6019
-10	2.83	87.1	203	366	485	596	715	884	1281	2039	2970	3881	4660	5263	5686	5949	6098	6174	6202
-5	2.10	65.0	184	339	468	580	700	861	1229	1966	2908	3840	4642	5265	5702	5975	6127	6202	6229
0	2.91	91.3	209	376	495	609	738	933	1419	2254	3229	4145	4903	5470	5852	6078	6195	6247	6259
5	2.02	66.2	185	341	469	581	703	866	1245	2000	2953	3889	4691	5311	5745	6013	6158	6226	6247
10	3.20	88.8	206	370	487	599	721	896	1319	2113	3062	3979	4756	5355	5770	6022	6157	6220	6235
15	1.92	63.7	180	331	456	565	679	821	1114	1741	2603	3507	4320	4980	5467	5784	5966	6058	6088
20	3.22	84.7	201	355	468	574	686	825	1101	1688	2508	3381	4174	4829	5317	5637	5824	5918	5940
25	2.03	58.0	170	310	431	532	636	750	930	1315	1944	2704	3463	4136	4675	5062	5307	5441	5486
30	3.08	74.6	185	325	434	531	629	730	871	1155	1671	2338	3039	3682	4213	4606	4859	4995	5030
35	2.19	49.3	152	280	394	485	576	666	773	944	1257	1713	2247	2790	3277	3671	3948	4111	4167
40	3.01	63.3	165	289	390	476	560	641	727	833	1004	1295	1675	2104	2517	2866	3120	3265	3301
45	2.33	37.8	128	240	343	424	502	576	649	728	835	1000	1221	1481	1749	1993	2186	2309	2354
50	2.87	46.2	133	238	330	404	474	539	600	660	720	788	867	966	1084	1207	1314	1384	1406
55	2.47	24.5	97.0	189	276	346	409	468	522	573	622	674	729	791	860	930	991	1034	1051
60	2.73	27.9	95.1	177	252	314	369	419	464	507	545	581	614	643	664	679	689	695	697
65	2.56	12.4	60.2	124	188	243	289	336	376	411	444	477	505	529	547	558	564	568	570
70	2.68	10.5	49.4	98.2	149	192	228	271	302	328	357	384	407	424	435	439	440	442	443
75	2.60	4.97	25.3	57.8	93.3	126	155	186	212	235	257	279	298	312	323	328	330	331	332
80	2.64	3.83	13.4	31.8	51.9	72.8	94.1	112	132	150	166	181	195	205	213	217	219	220	221
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:120.07V I:6.5842A P:776.63W PF:0.9824 Freq:59.98Hz Lamp Flux:107917x1 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	159	159	156	151	143	133	121	110	99.9	86.5	71.8	57.7	43.0	28.8	14.9	5.19	2.63	1.74	
-75	275	274	272	268	261	248	232	214	196	176	152	126	102	74.6	44.4	18.5	4.51	1.88	
-70	391	389	387	383	374	358	336	311	285	257	221	185	151	108	62.6	23.7	4.39	1.70	
-65	511	509	506	500	487	468	442	413	382	349	310	268	224	173	111	48.2	10.0	1.88	
-60	630	628	623	613	595	569	537	503	466	426	383	334	277	214	132	52.0	9.01	1.69	
-55	879	859	826	785	741	695	648	602	555	507	456	400	339	271	185	86.4	19.2	1.88	
-50	1123	1078	1014	941	869	802	741	682	624	568	508	443	373	298	198	86.3	15.4	1.58	
-45	1952	1860	1712	1526	1322	1124	953	818	720	642	573	501	426	346	247	124	30.1	1.90	
-40	2755	2591	2341	2030	1693	1372	1104	910	782	689	610	530	447	359	248	118	22.4	1.58	
-35	3744	3593	3334	2978	2548	2080	1625	1238	963	788	678	586	496	404	297	160	44.0	1.97	
-30	4690	4508	4200	3764	3218	2601	1977	1441	1059	837	708	606	509	411	291	152	33.3	1.59	
-25	5265	5132	4881	4495	3973	3333	2626	1932	1360	980	777	655	550	448	334	186	60.6	2.08	
-20	5803	5676	5430	5039	4488	3790	2990	2173	1476	1019	791	662	551	443	316	170	44.4	1.69	
-15	6005	5921	5735	5417	4938	4292	3507	2644	1825	1213	873	709	589	477	359	199	76.9	2.19	
-10	6186	6110	5936	5629	5155	4500	3685	2772	1886	1228	873	706	582	468	338	181	58.9	1.75	
-5	6222	6167	6027	5769	5353	4753	3978	3074	2146	1387	940	740	610	494	372	205	85.6	2.28	
0	6245	6184	6036	5770	5341	4722	3925	2999	2060	1312	902	718	591	474	341	182	62.4	1.83	
5	6234	6173	6030	5776	5370	4781	4013	3110	2176	1401	945	743	612	495	373	205	86.0	2.48	
10	6207	6119	5943	5647	5194	4561	3758	2844	1940	1251	881	710	585	470	338	181	62.2	1.70	
15	6063	5971	5785	5479	5023	4400	3625	2753	1901	1246	885	716	594	481	360	199	82.3	2.64	
20	5896	5766	5526	5154	4630	3953	3153	2309	1554	1047	803	670	556	447	317	171	56.5	1.83	
25	5448	5317	5071	4699	4190	3552	2824	2080	1442	1012	793	665	558	453	336	187	74.6	2.65	
30	4965	4789	4489	4063	3514	2871	2193	1572	1118	862	724	617	517	417	291	158	49.8	1.91	
35	4120	3964	3698	3325	2862	2341	1816	1353	1020	817	698	601	508	413	301	168	63.2	2.60	
40	3230	3051	2774	2416	2007	1597	1238	978	820	717	632	548	461	371	254	134	38.0	2.09	
45	2323	2211	2030	1798	1539	1282	1055	879	759	672	598	522	443	359	257	141	48.5	2.54	
50	1383	1308	1201	1080	966	870	791	723	659	597	533	465	392	313	211	108	26.6	2.21	
55	1045	1009	954	888	819	754	697	644	593	540	485	425	360	290	202	107	31.9	2.49	
60	696	692	683	667	645	615	582	545	505	461	413	360	302	235	153	73.3	13.4	2.36	
65	570	568	564	555	539	516	488	456	422	387	348	300	254	199	133	66.4	15.5	2.47	
70	443	443	443	438	425	406	382	354	326	299	265	222	186	138	85.1	36.1	5.30	2.40	
75	332	332	331	327	317	302	284	262	240	218	192	161	132	99.2	62.5	28.2	5.84	2.49	
80	221	221	218	212	204	192	178	162	146	126	107	88.8	66.1	45.7	25.8	8.70	3.16	2.47	
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: