

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	352.5 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	153.3V x 151.9H
	At 50% of Imax	115.2V x 115.5H
	At 90% of Imax	54.8V x 55.4H

Beam Flux	Total	998.7 lumens per klm.
	To 10% of Imax	984.8 lumens per klm.
	To 50% of Imax	791.3 lumens per klm.
	To 90% of Imax	236.9 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

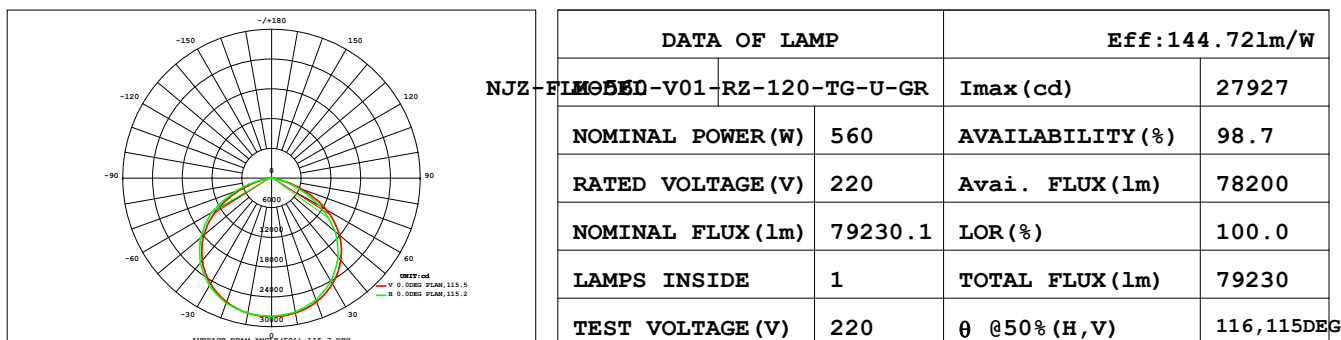
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:29 October 2019

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:220.04V I:2.5247A P:547.46W PF:0.9854 Freq:49.99Hz Lamp Flux:79230.1x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	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	0.11	1.21	6.60	20.6	43.8	73.0	102	125	137	138	126	103	73.6	44.4	21.0	6.85	1.32	0.14	1024	760
70	0.17	3.48	20.8	60.8	120	187	250	299	324	325	299	251	188	121	61.3	21.0	3.58	0.19	2536	2468
60	0.30	7.80	43.2	114	209	311	399	465	500	500	465	400	312	211	115	43.4	7.86	0.32	4104	4069
50	0.49	13.3	67.6	166	288	409	512	586	625	626	588	514	411	290	167	68.0	13.4	0.51	5347	5323
40	0.72	19.1	89.9	210	349	482	596	678	721	721	679	597	484	350	210	90.1	19.0	0.72	6295	6277
30	0.94	24.0	107	241	390	533	654	742	787	788	743	656	535	392	242	108	24.0	0.94	6969	6954
	1.11	27.7	119	262	417	565	691	781	828	828	782	692	567	418	262	119	27.4	1.10	7388	7375
	1.18	29.1	124	270	428	579	707	798	844	844	799	708	581	429	271	125	29.2	1.19	7567	7555
	1.16	28.7	123	267	425	575	702	793	839	839	794	704	577	426	268	123	28.6	1.17	7516	7504
	1.03	26.0	114	253	406	553	677	766	813	813	768	679	555	408	254	115	26.2	1.06	7231	7218
-30	0.84	22.0	100	228	374	513	631	716	761	761	717	632	514	375	229	99.9	21.8	0.86	6698	6682
-40	0.60	16.5	80.2	191	324	452	561	640	681	682	641	562	453	324	192	80.2	16.5	0.61	5898	5878
-50	0.38	10.9	57.0	144	256	368	465	535	572	572	536	466	369	255	143	56.4	10.7	0.38	4816	4789
-60	0.19	5.69	32.9	90.5	171	258	338	396	427	427	396	338	260	172	91.1	33.0	5.79	0.21	3442	3397
-70	0.09	2.15	13.4	41.4	85.0	136	186	224	246	246	224	186	136	84.8	41.2	13.4	2.22	0.11	1869	1770
-80	0.05	0.46	2.43	8.42	20.1	36.0	52.6	66.7	74.2	74.3	66.7	52.8	36.3	20.4	8.70	2.60	0.59	0.07	523	180
-90	0.02	0.03	0.05	0.11	0.23	0.42	0.65	0.88	1.02	1.02	0.89	0.68	0.44	0.25	0.14	0.09	0.08	0.03	7.04	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	9.36	238	1102	2569	4305	6033	7526	8613	9181	9184	8624	7544	6052	4321	2577	1105	238	9.61	79230	---
Φ a	0.00	145	1032	2504	4252	5980	7466	8558	9127	9130	8568	7484	5998	4267	2511	1034	145	0.00	---	78200

one-half-peak spread: U:55.3,D:60.3 , L:58.0,R:58.0

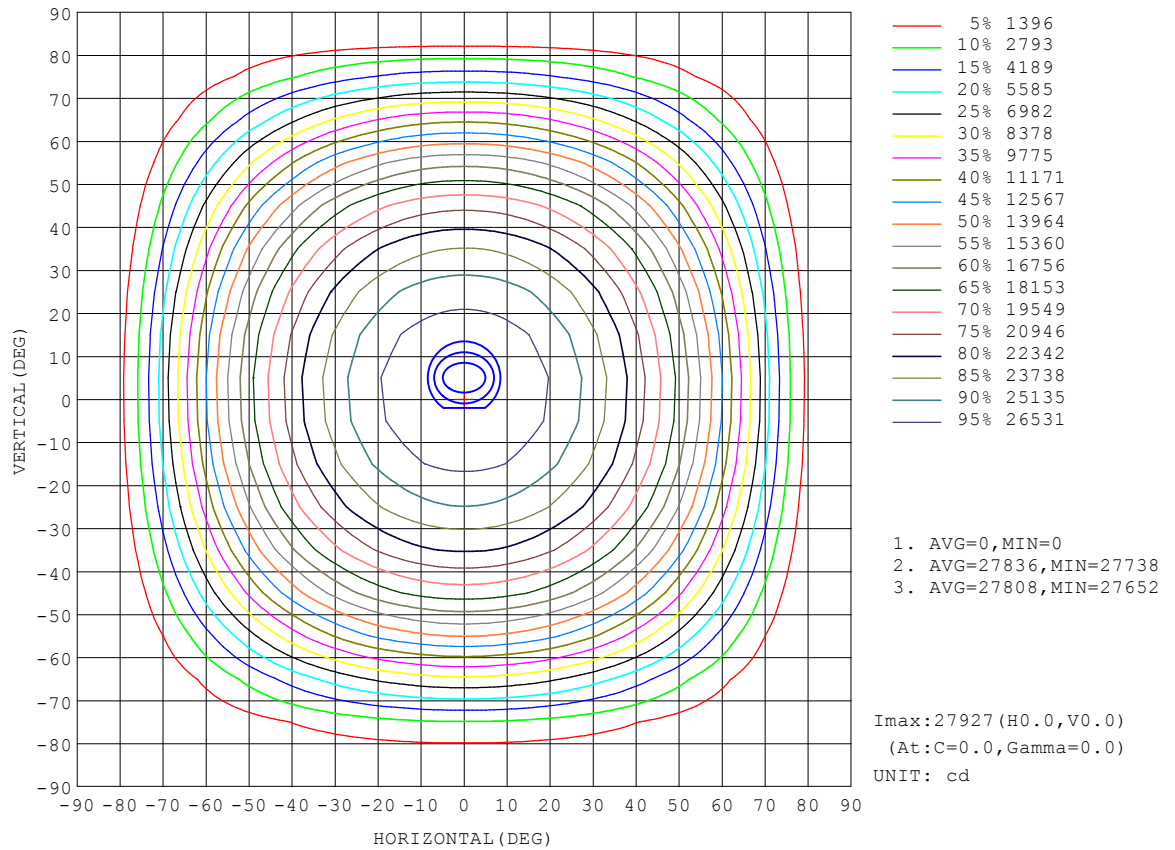
NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:29 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:220.04V I:2.5247A P:547.46W PF:0.9854 Freq:49.99Hz Lamp Flux:79230.1x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

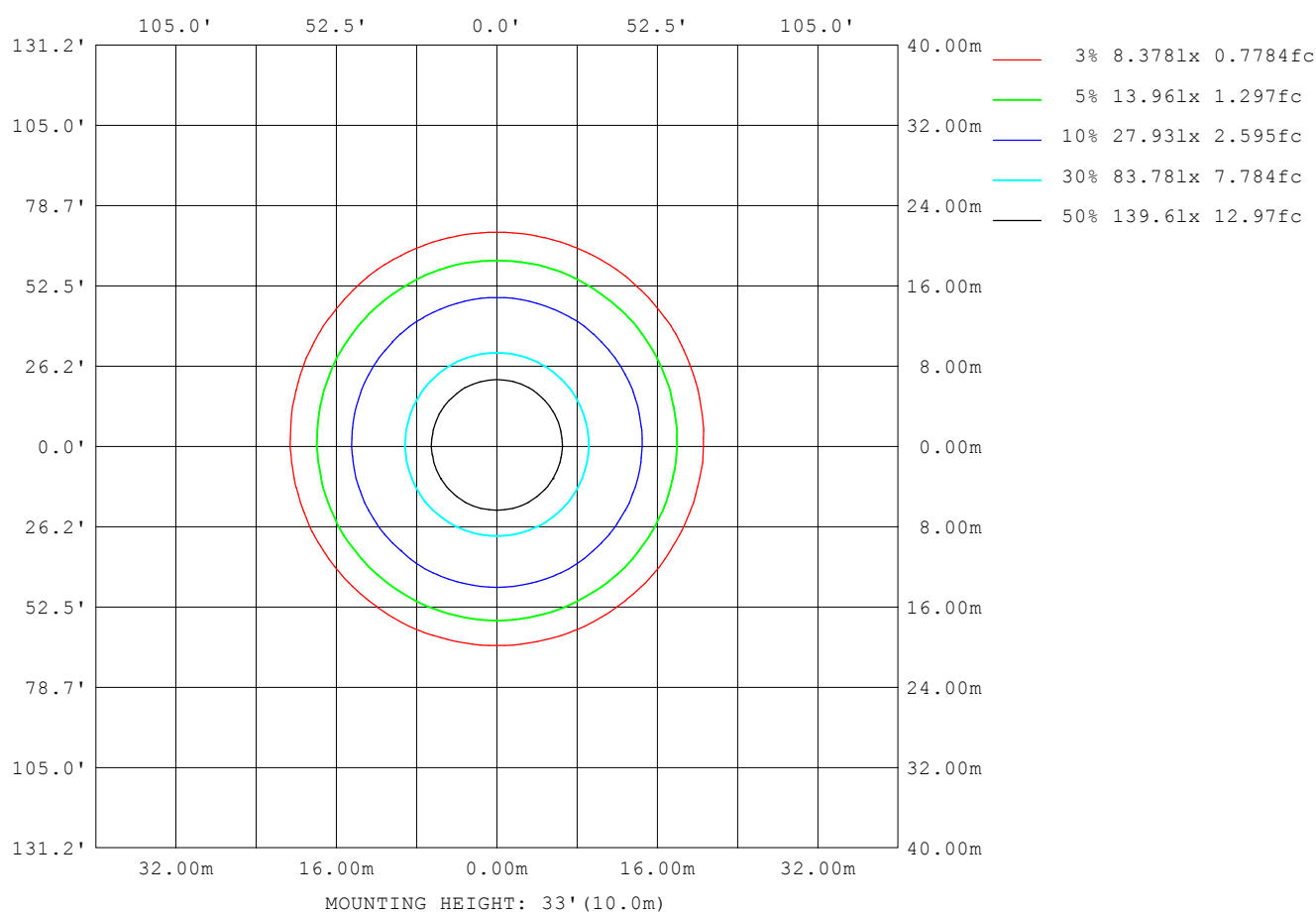


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:29 October 2019

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

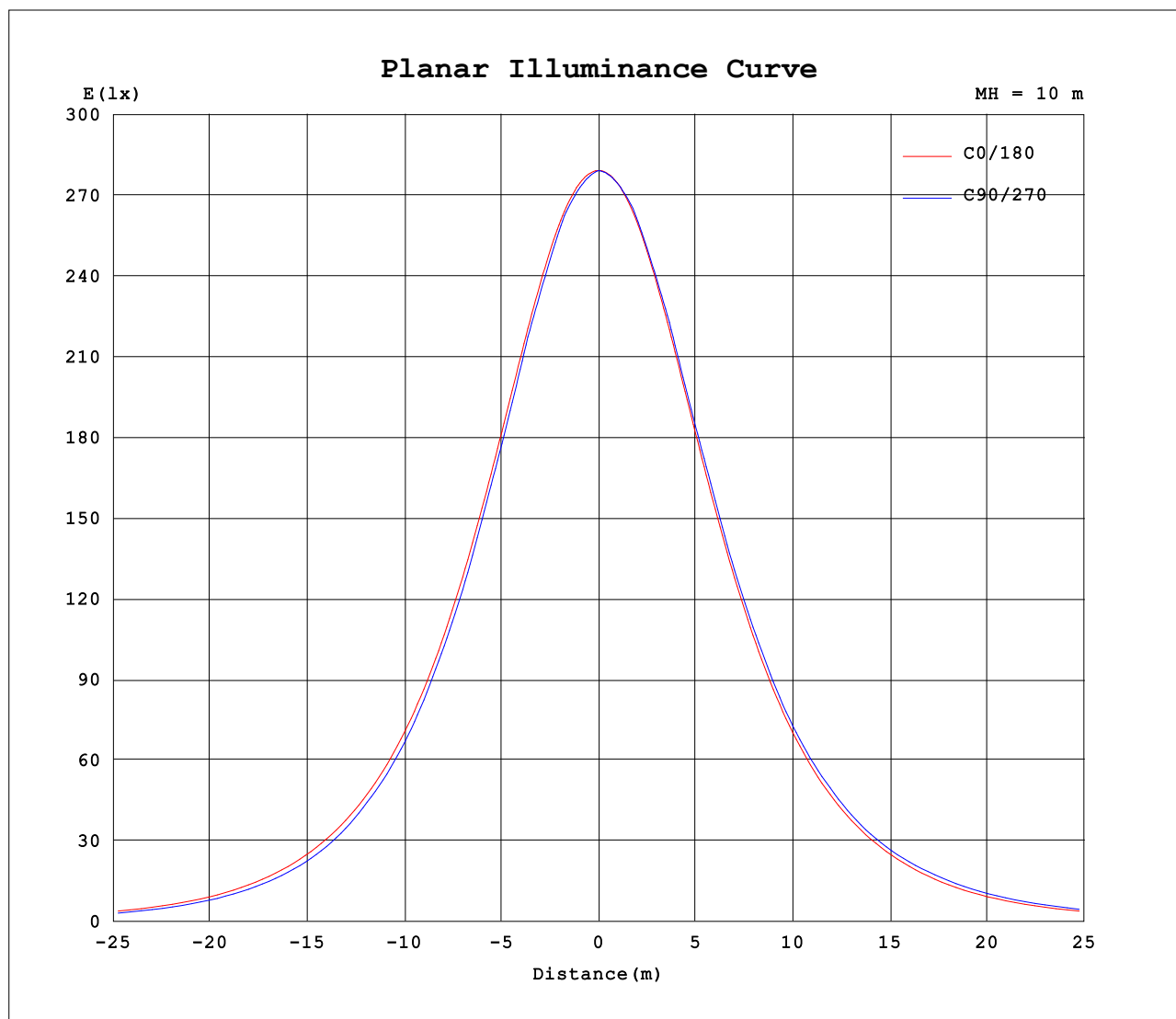
Test:U:220.04V I:2.5247A P:547.46W PF:0.9854 Freq:49.99Hz Lamp Flux:79230.1x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:29 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



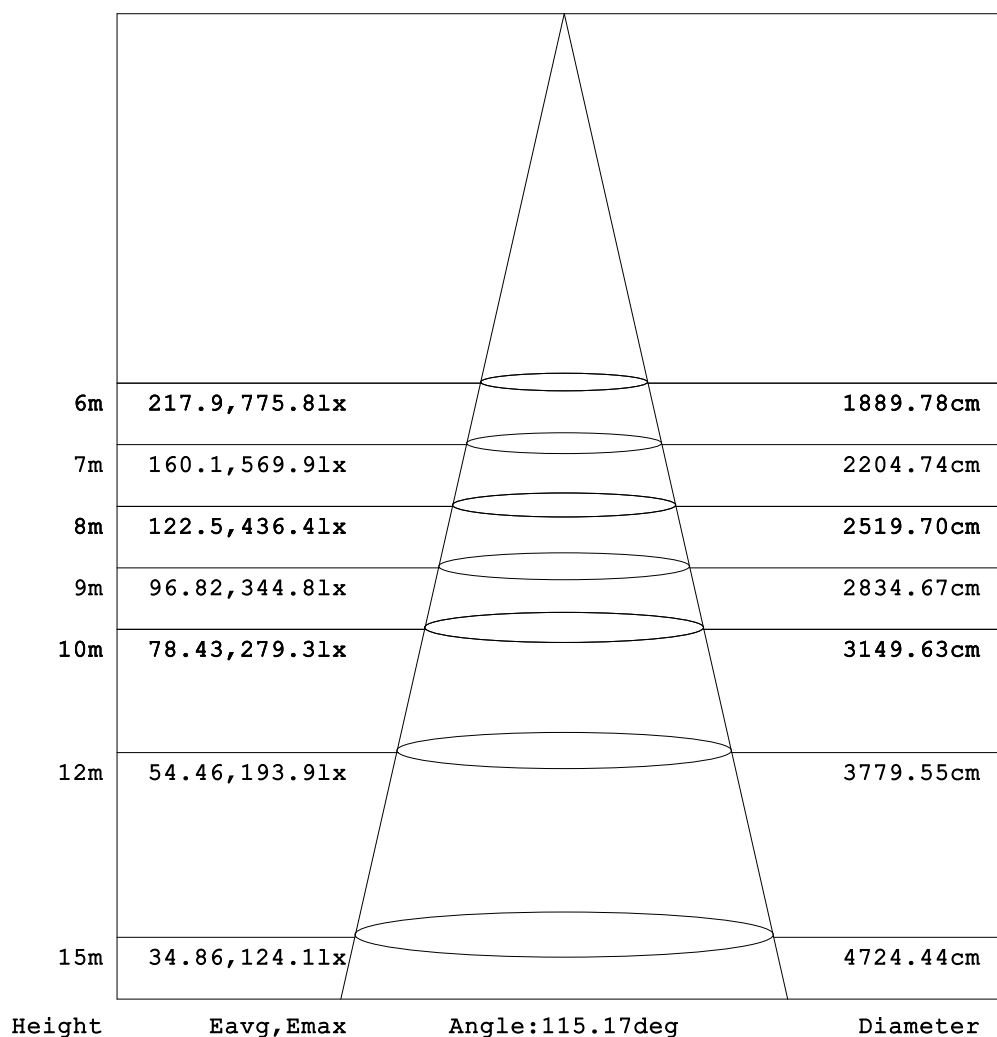
$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:29 October 2019

$V(B)$ 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:220.04V I:2.5247A P:547.46W PF:0.9854 Freq:49.99Hz Lamp Flux:79230.1x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:63100 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:29 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:220.04V I:2.5247A P:547.46W PF:0.9854 Freq:49.99Hz Lamp Flux:79230.1x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	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	1.46	1.58	1.98	2.71	3.91	6.12	8.50	11.7	15.6	20.2	25.2	30.3	36.0	41.2	46.0	49.9	53.6	55.1	55.9
-75	1.47	1.72	3.09	7.38	14.6	26.7	43.0	64.3	88.9	115	142	169	194	217	236	252	264	271	272
-70	1.49	1.86	4.20	12.0	25.3	47.2	77.6	117	162	210	260	308	353	392	426	454	475	486	489
-65	1.51	2.07	8.08	25.3	56.8	105	168	240	318	397	474	547	614	672	720	756	784	803	808
-60	1.54	2.28	12.0	38.5	88.3	163	258	363	474	583	688	787	875	952	1014	1058	1092	1119	1127
-55	1.56	2.85	19.2	62.6	139	248	377	512	652	786	912	1026	1126	1212	1281	1332	1369	1394	1402
-50	1.59	3.42	26.5	86.7	191	332	496	662	830	989	1136	1265	1377	1473	1549	1605	1645	1669	1676
-45	1.62	4.62	37.0	119	254	426	619	811	1001	1175	1328	1463	1578	1675	1752	1810	1852	1877	1885
-40	1.66	5.83	47.5	151	316	520	743	960	1173	1361	1520	1661	1779	1877	1955	2015	2058	2085	2093
-35	1.69	7.50	58.4	182	374	603	845	1081	1301	1495	1660	1804	1926	2027	2107	2169	2213	2239	2248
-30	1.73	9.17	69.2	213	432	687	948	1202	1430	1629	1801	1948	2072	2176	2259	2323	2368	2394	2403
-25	1.76	11.4	79.8	242	482	754	1032	1296	1525	1726	1899	2049	2176	2281	2365	2430	2476	2502	2511
-20	1.79	13.7	90.5	270	533	822	1116	1391	1619	1822	1998	2151	2279	2386	2471	2537	2583	2611	2620
-15	1.82	14.0	97.2	289	564	864	1165	1443	1675	1880	2058	2212	2342	2450	2536	2601	2647	2675	2684
-10	1.85	14.2	104	309	596	906	1213	1495	1732	1938	2118	2274	2405	2513	2600	2665	2711	2738	2748
-5	1.88	15.7	108	321	614	929	1241	1519	1757	1963	2145	2300	2431	2540	2627	2692	2737	2762	2770
0	1.91	17.2	113	334	631	952	1268	1544	1782	1989	2171	2326	2458	2567	2654	2719	2763	2786	2793
5	1.94	16.0	111	328	624	941	1256	1534	1772	1979	2160	2316	2447	2557	2643	2709	2753	2778	2785
10	1.97	14.9	109	323	617	930	1244	1525	1762	1969	2150	2305	2436	2546	2633	2699	2744	2769	2777
15	1.98	15.0	104	309	594	901	1208	1486	1720	1926	2105	2259	2390	2498	2585	2651	2697	2723	2732
20	2.00	15.1	99.0	296	570	872	1172	1447	1678	1882	2061	2214	2343	2451	2537	2603	2649	2677	2687
25	2.02	13.1	89.1	268	526	813	1100	1370	1602	1803	1978	2130	2258	2365	2450	2515	2562	2589	2599
30	2.04	11.2	79.3	241	481	753	1028	1293	1526	1723	1896	2046	2173	2278	2363	2428	2474	2502	2511
35	2.05	9.95	68.5	210	427	677	937	1187	1415	1608	1777	1922	2047	2150	2233	2296	2342	2369	2378
40	2.07	8.72	57.7	179	373	601	847	1081	1303	1493	1657	1798	1921	2022	2102	2165	2209	2236	2244
45	2.08	7.76	46.3	146	309	509	728	940	1147	1329	1489	1630	1749	1845	1923	1984	2027	2053	2061
50	2.09	6.79	34.9	114	245	418	608	800	991	1165	1320	1462	1577	1669	1744	1803	1845	1870	1878
55	2.10	5.73	26.6	86.1	189	327	486	649	817	968	1111	1240	1349	1436	1509	1568	1609	1632	1639
60	2.11	4.66	18.3	58.5	132	236	364	499	642	770	902	1018	1120	1202	1273	1332	1372	1395	1401
65	2.12	3.79	13.1	39.9	89.8	163	255	357	465	568	672	765	849	919	977	1027	1061	1080	1085
70	2.13	2.92	7.89	21.3	47.4	89.5	146	214	288	366	441	512	579	635	682	723	750	765	768
75	2.14	2.63	5.58	13.9	28.7	53.2	86.5	127	172	220	268	313	357	394	425	451	468	478	481
80	2.15	2.34	3.27	6.47	10.1	17.0	27.0	40.3	56.5	74.5	94.3	114	135	153	168	180	187	191	195
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:29 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:220.04V I:2.5247A P:547.46W PF:0.9854 Freq:49.99Hz Lamp Flux:79230.1x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	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	55.4	53.8	50.6	46.7	42.1	36.9	31.5	26.1	21.2	16.8	13.0	9.89	7.47	5.73	4.57	2.99	1.99	1.45	
-75	271	265	253	237	218	195	171	143	116	90.3	65.7	44.5	27.9	16.2	9.19	4.16	2.13	1.47	
-70	487	476	455	427	393	353	310	261	212	164	118	79.1	48.3	26.6	13.8	5.32	2.28	1.48	
-65	803	784	757	721	672	614	548	475	397	318	240	168	105	57.6	26.5	9.03	2.55	1.51	
-60	1119	1093	1060	1015	951	874	787	689	582	473	362	257	162	88.5	39.2	12.8	2.83	1.55	
-55	1394	1370	1334	1283	1213	1131	1030	917	789	654	514	376	247	140	63.3	20.1	3.43	1.59	
-50	1669	1646	1607	1551	1475	1387	1274	1144	996	836	666	496	332	192	87.4	27.5	4.03	1.63	
-45	1877	1853	1812	1754	1677	1584	1468	1333	1175	999	810	615	423	251	117	36.9	5.39	1.66	
-40	2085	2060	2017	1958	1879	1781	1662	1521	1355	1163	953	734	514	311	146	46.3	6.75	1.70	
-35	2240	2215	2172	2110	2029	1928	1807	1663	1494	1300	1081	844	602	371	180	57.9	8.21	1.73	
-30	2395	2370	2326	2263	2180	2076	1952	1806	1634	1436	1209	953	689	432	214	69.5	9.67	1.76	
-25	2503	2478	2433	2369	2286	2181	2055	1905	1731	1530	1297	1033	755	481	242	79.4	11.5	1.79	
-20	2612	2585	2540	2475	2391	2285	2157	2004	1827	1624	1385	1112	820	530	269	89.3	13.3	1.81	
-15	2676	2650	2605	2540	2456	2349	2220	2066	1887	1682	1444	1170	869	566	292	97.5	15.1	1.82	
-10	2740	2714	2669	2605	2520	2414	2283	2127	1947	1740	1502	1227	918	602	314	106	16.8	1.84	
-5	2763	2739	2696	2632	2546	2439	2308	2152	1971	1763	1524	1245	933	614	322	108	16.3	1.87	
0	2787	2765	2722	2658	2573	2465	2333	2177	1995	1786	1546	1262	949	627	330	110	15.7	1.89	
5	2778	2755	2712	2648	2562	2454	2323	2167	1986	1778	1538	1258	944	624	328	110	16.4	1.92	
10	2770	2746	2702	2637	2551	2443	2313	2157	1976	1769	1530	1254	940	620	326	109	17.2	1.95	
15	2724	2699	2654	2589	2504	2396	2266	2112	1932	1727	1488	1211	904	593	308	103	15.6	1.98	
20	2678	2651	2606	2541	2456	2349	2219	2066	1889	1684	1447	1168	868	566	291	96.1	13.9	2.01	
25	2591	2564	2519	2455	2370	2265	2137	1986	1811	1609	1375	1103	815	526	267	87.9	13.0	2.03	
30	2503	2477	2432	2368	2285	2180	2054	1905	1733	1534	1304	1038	762	486	243	79.7	12.0	2.06	
35	2370	2344	2300	2238	2156	2053	1930	1784	1615	1417	1191	941	682	428	210	68.9	10.6	2.08	
40	2236	2211	2168	2107	2027	1926	1806	1663	1497	1301	1078	844	602	371	177	58.1	9.21	2.11	
45	2053	2029	1987	1928	1851	1754	1636	1498	1337	1152	945	729	513	310	146	47.0	8.28	2.12	
50	1870	1847	1807	1750	1675	1582	1467	1334	1176	1004	812	615	423	249	115	36.0	7.35	2.14	
55	1632	1609	1569	1512	1440	1351	1243	1119	975	823	657	490	330	191	87.4	27.4	6.50	2.15	
60	1395	1371	1332	1274	1204	1120	1019	905	775	642	501	364	237	132	59.8	18.8	5.65	2.16	
65	1080	1061	1028	980	921	851	768	675	573	467	360	257	164	91.0	41.1	13.9	5.02	2.16	
70	766	751	724	686	639	581	517	445	371	293	218	150	92.2	49.7	22.4	8.91	4.40	2.16	
75	479	469	452	427	396	358	316	270	223	175	130	89.1	55.2	30.4	14.8	6.85	3.74	2.16	
80	192	187	180	169	154	136	116	95.7	75.7	57.6	41.6	28.1	18.2	11.2	7.23	4.79	3.07	2.16	
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:29 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: