

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	645.1 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	131.7V x 153.0H
	At 50% of Imax	26.7V x 142.5H
	At 90% of Imax	5.9V x 139.0H

Beam Flux	Total	999.5 lumens per klm.
	To 10% of Imax	962.8 lumens per klm.
	To 50% of Imax	446.9 lumens per klm.
	To 90% of Imax	15.6 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

Luminaire Efficiency (Light Output Ratio)	100.0 %
---	---------

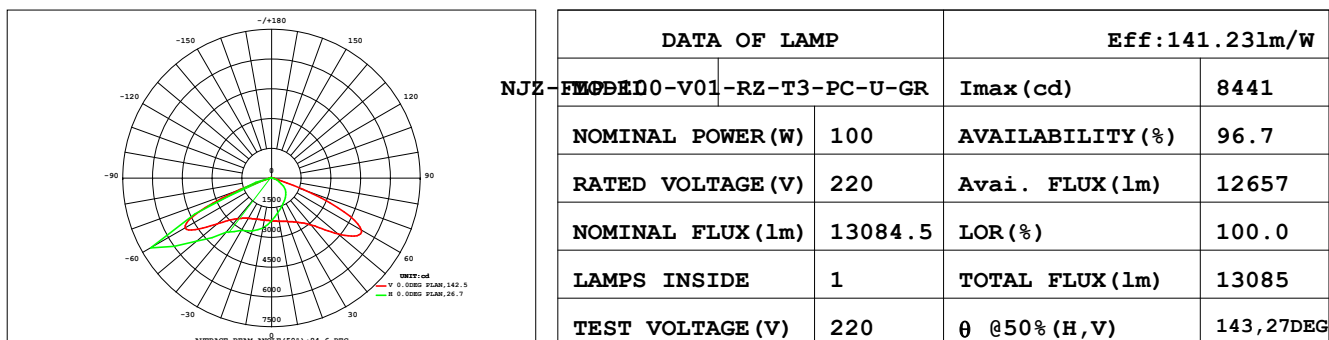
---

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:15 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:219.96V I:0.4282A P:92.646W PF:0.9837 Freq:49.99Hz Lamp Flux:13084.5x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:100W	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	0.05	0.35	0.99	2.19	6.34	21.7	34.0	28.9	22.6	21.2	23.8	28.0	20.8	6.90	2.18	0.96	0.30	0.03	221	178
70	0.07	0.57	1.74	9.20	53.8	114	144	132	118	114	118	126	110	57.1	10.4	1.85	0.54	0.05	1112	1091
60	0.10	0.83	3.73	39.9	144	207	214	213	213	210	204	199	196	147	44.7	4.55	0.85	0.09	2041	2028
50	0.13	1.12	11.3	89.3	149	142	131	129	128	126	122	118	122	139	94.4	13.3	1.19	0.12	1516	1507
40	0.16	1.46	27.5	111	130	117	108	103	98.9	96.5	95.3	95.5	98.5	112	110	29.7	1.59	0.15	1335	1329
30	0.18	1.99	43.2	113	117	106	98.3	92.6	89.3	87.5	87.0	87.5	89.8	97.5	107	45.3	2.22	0.18	1266	1261
20	0.20	2.84	52.3	106	105	94.2	87.5	84.6	83.2	81.9	80.5	79.8	80.9	86.3	97.3	53.2	3.16	0.21	1179	1174
10	0.21	3.76	53.0	94.7	88.4	78.1	74.5	73.5	72.9	71.8	70.4	69.0	68.7	72.9	84.2	53.6	4.00	0.23	1034	1030
0	0.21	4.08	47.8	79.1	69.0	62.1	60.7	60.4	60.1	59.3	58.1	56.7	55.7	58.2	69.5	47.5	4.24	0.24	853	849
-10	0.21	3.54	38.5	62.4	53.4	50.2	49.7	49.9	49.7	49.2	48.2	46.7	45.4	46.1	54.7	38.3	3.73	0.24	690	686
-20	0.19	2.60	27.8	47.8	43.9	42.6	42.6	43.0	43.0	42.5	41.6	40.2	38.8	38.7	42.8	27.5	2.79	0.23	568	563
-30	0.17	1.79	16.7	36.1	37.6	37.1	37.3	37.4	37.1	36.6	36.2	35.4	34.2	33.8	33.5	16.7	2.03	0.20	470	462
-40	0.15	1.39	7.64	24.0	31.0	32.0	32.0	31.7	30.9	30.6	30.6	30.5	30.0	29.2	23.6	7.56	1.65	0.17	375	362
-50	0.11	1.09	2.88	10.7	19.7	23.7	24.3	23.4	22.9	22.6	22.7	23.5	22.9	19.7	11.0	2.94	1.31	0.12	256	138
-60	0.07	0.67	1.68	2.46	5.87	10.4	12.3	12.1	12.4	12.3	12.1	12.5	10.7	5.99	2.35	1.80	0.74	0.06	116	0.00
-70	0.04	0.28	0.77	1.42	1.89	2.54	3.94	5.17	5.77	5.78	5.10	3.84	2.43	1.86	1.40	0.70	0.23	0.02	43.2	0.00
-80	0.01	0.06	0.17	0.30	0.47	0.67	0.87	0.81	0.78	0.78	0.79	0.82	0.60	0.43	0.26	0.13	0.04	0.01	8.00	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
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	2.27	28.4	338	830	1056	1142	1156	1121	1089	1068	1055	1052	1028	952	789	346	30.6	2.35	13085	---
Φ a	0.00	6.65	314	810	1032	1118	1126	1089	1054	1031	1023	1022	1004	928	770	322	6.87	0.00	---	12657

one-half-peak spread: U:21.1,D:6.2 , L:13.3,R:11.3

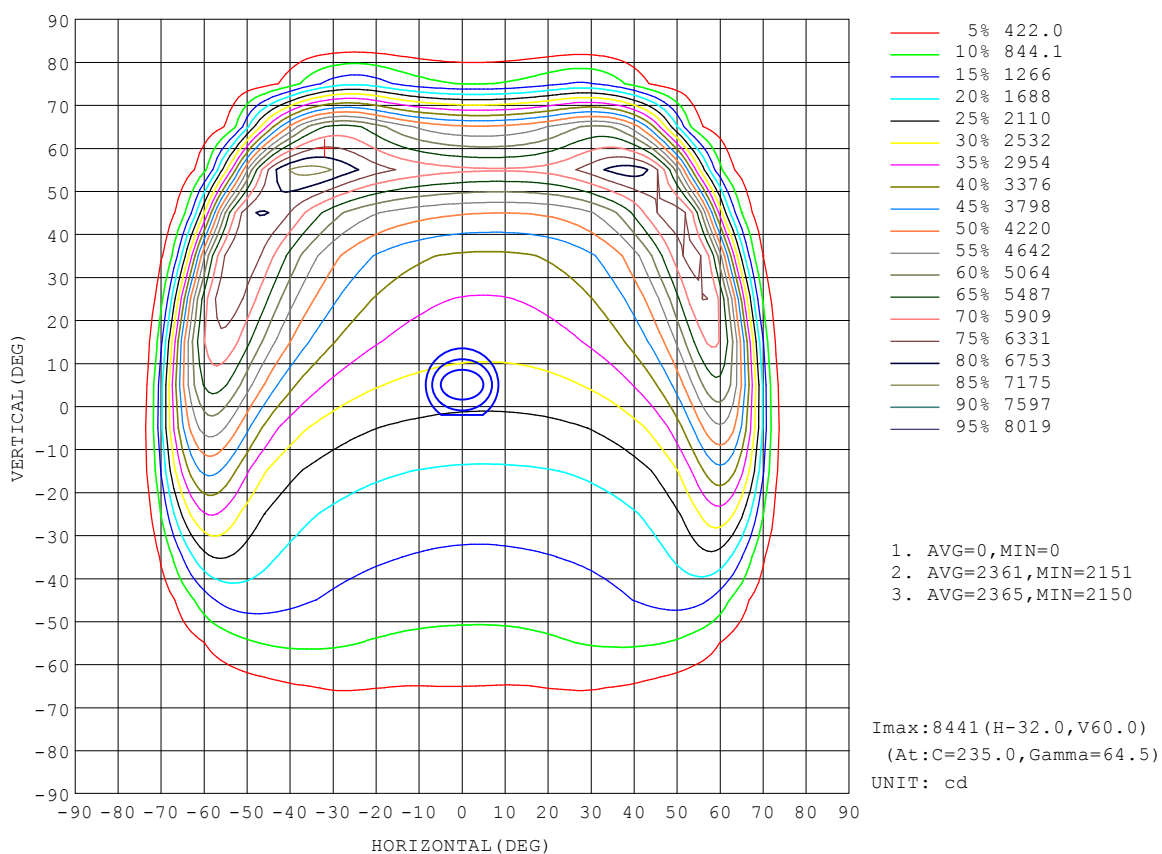
NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:15 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:219.96V I:0.4282A P:92.646W PF:0.9837 Freq:49.99Hz Lamp Flux:13084.5x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:100W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

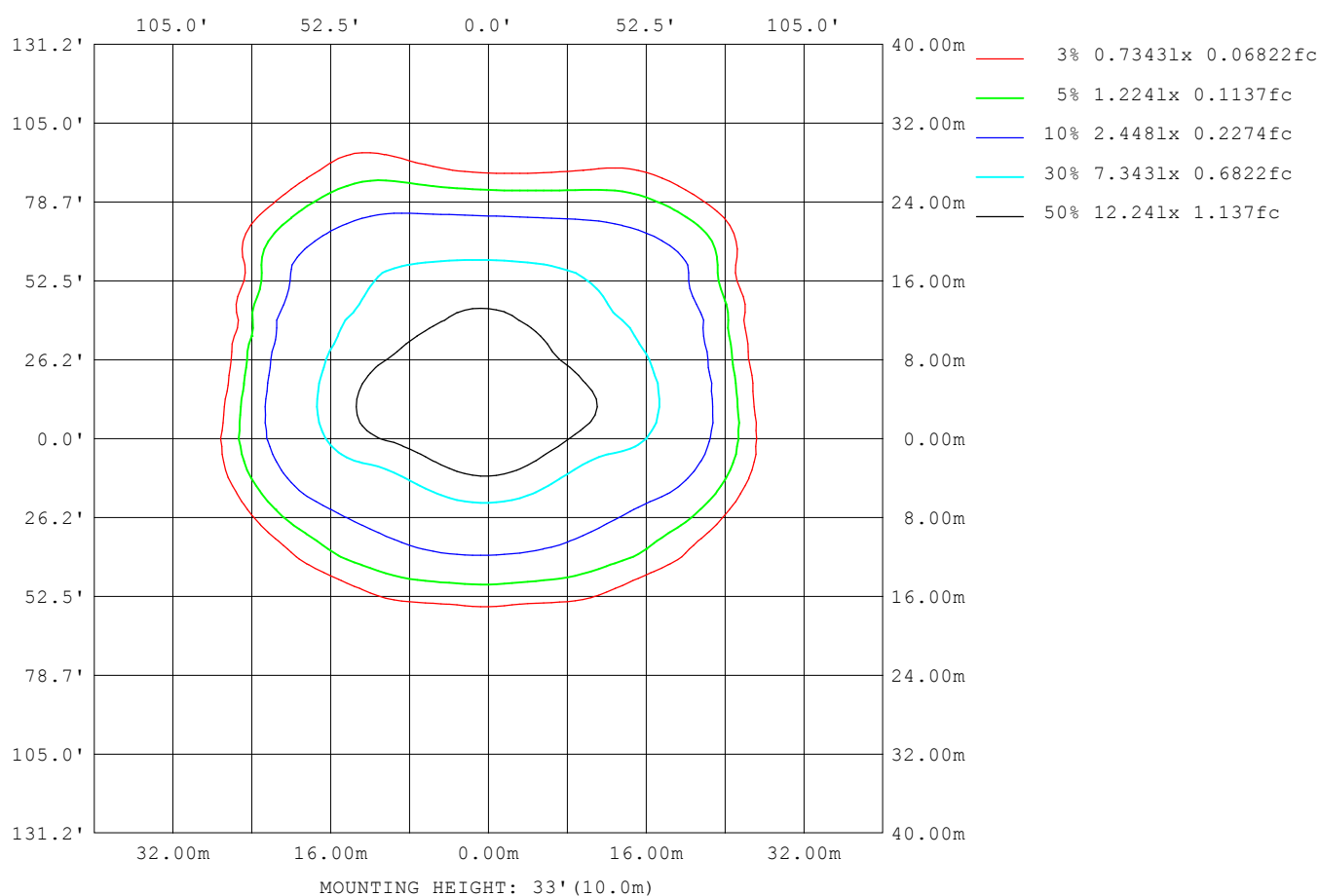


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:15 October 2019

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

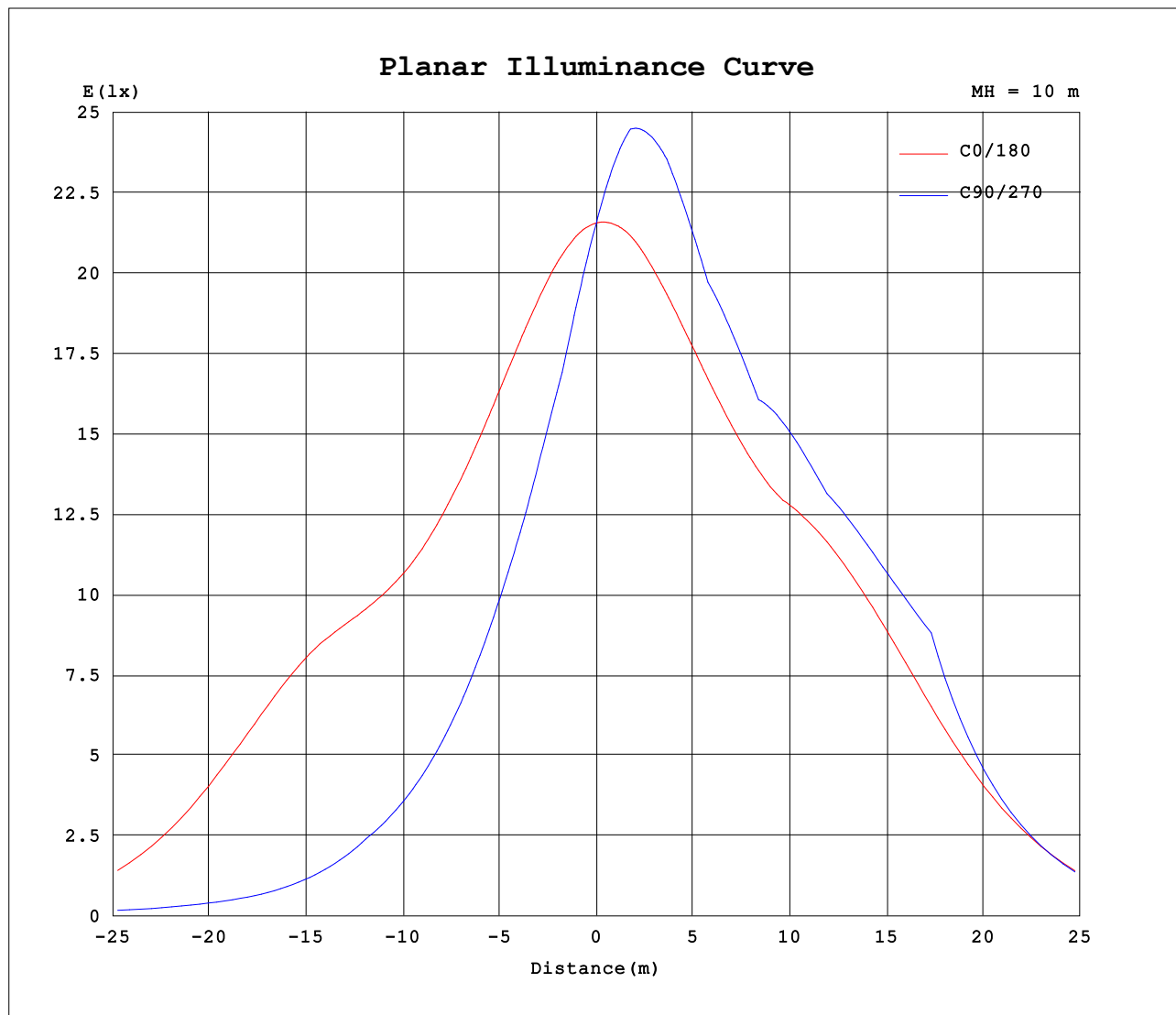
Test:U:219.96V I:0.4282A P:92.646W PF:0.9837 Freq:49.99Hz Lamp Flux:13084.5x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:100W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:15 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



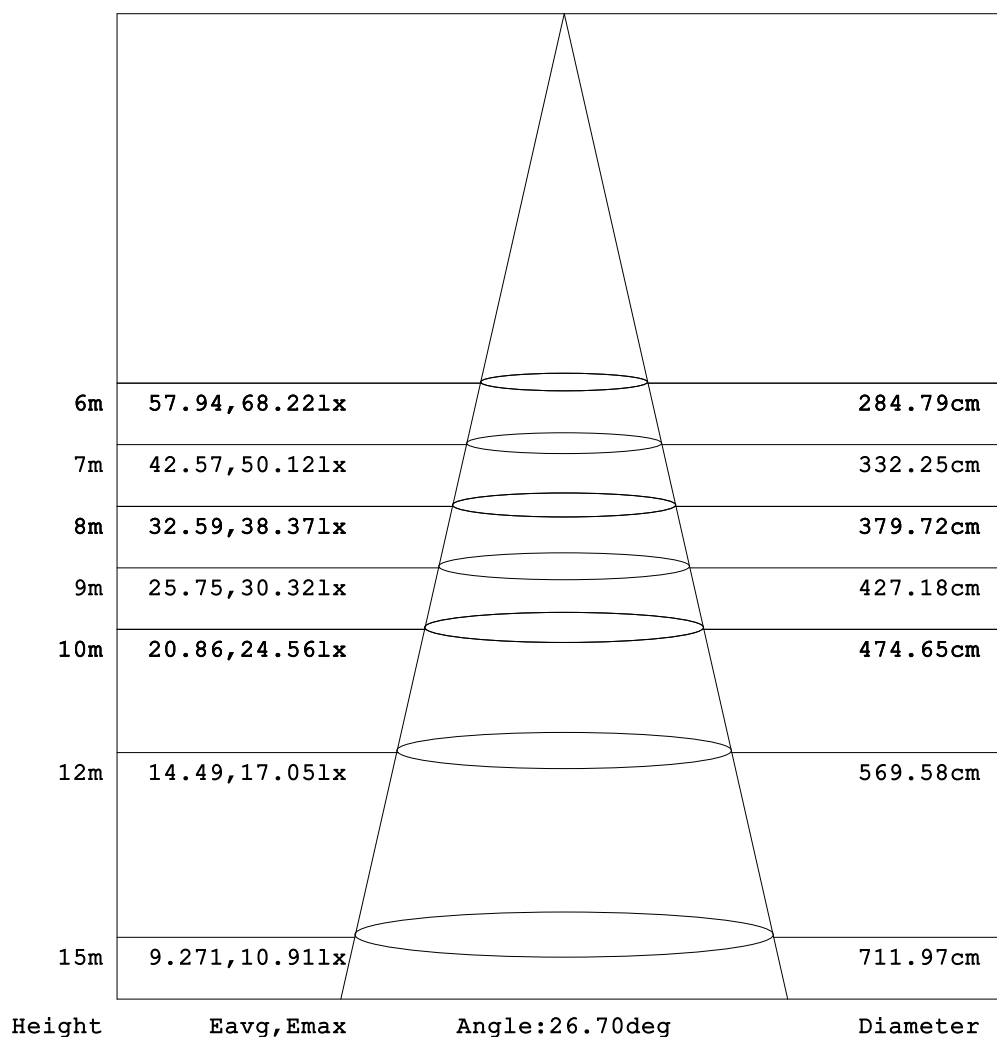
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:15 October 2019

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:219.96V I:0.4282A P:92.646W PF:0.9837 Freq:49.99Hz Lamp Flux:13084.5x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:100W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:377.7 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:15 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:219.96V I:0.4282A P:92.646W PF:0.9837 Freq:49.99Hz Lamp Flux:13084.5x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:100W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Table--1

UNIT: cd

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	3.35	6.90	14.4	22.7	31.0	38.9	46.9	53.0	59.5	67.8	75.9	83.1	91.3	101	103	99.0	99.4	100	101
-75	3.42	9.78	23.3	37.3	51.6	64.2	78.3	90.1	103	115	131	141	158	175	186	189	194	199	199
-70	3.49	12.7	32.3	51.9	72.3	89.6	110	127	146	162	187	198	225	248	270	280	288	298	297
-65	3.60	17.1	47.1	80.2	113	138	164	197	260	325	389	425	451	449	437	425	420	425	424
-60	3.72	21.5	61.9	109	154	186	219	267	373	488	591	652	677	651	603	569	552	551	551
-55	3.87	25.7	75.1	131	185	246	416	623	787	874	912	914	897	856	809	771	746	734	729
-50	4.02	29.9	88.3	154	216	305	612	978	1200	1260	1232	1176	1116	1062	1014	973	940	917	906
-45	4.16	34.5	98.2	171	262	570	1061	1386	1477	1438	1359	1282	1216	1161	1114	1075	1043	1019	1007
-40	4.31	39.1	108	188	308	836	1510	1795	1754	1616	1487	1388	1315	1260	1215	1178	1145	1120	1108
-35	4.42	42.4	114	200	466	1272	1985	2126	1952	1754	1601	1491	1413	1355	1310	1274	1244	1222	1209
-30	4.53	45.8	119	213	625	1709	2460	2456	2150	1891	1714	1595	1511	1450	1405	1371	1344	1323	1311
-25	4.65	48.4	124	227	865	2170	2930	2828	2377	2059	1856	1721	1626	1556	1507	1471	1444	1424	1412
-20	4.77	51.1	128	242	1106	2632	3399	3200	2605	2227	1999	1848	1740	1662	1609	1572	1544	1525	1513
-15	4.90	52.4	130	252	1304	3028	3873	3672	3006	2494	2213	2034	1908	1818	1755	1712	1679	1656	1642
-10	5.04	53.7	132	262	1502	3425	4346	4144	3406	2760	2428	2221	2077	1973	1902	1851	1814	1786	1771
-5	5.18	54.4	132	262	1593	3740	4785	4621	3896	3189	2756	2498	2325	2203	2117	2057	2015	1982	1964
0	5.33	55.2	133	262	1684	4054	5224	5099	4386	3618	3084	2776	2573	2432	2332	2264	2216	2178	2156
5	5.46	54.4	130	246	1542	4134	5517	5510	4822	4071	3497	3110	2859	2687	2568	2483	2428	2385	2360
10	5.59	53.5	128	230	1399	4215	5811	5922	5258	4525	3910	3444	3145	2943	2803	2703	2639	2592	2563
15	5.71	52.1	124	219	1175	3989	5890	6204	5595	4852	4228	3751	3403	3158	2988	2867	2788	2733	2701
20	5.82	50.8	119	208	951	3763	5969	6487	5933	5180	4545	4058	3662	3374	3174	3031	2936	2874	2838
25	5.91	48.0	112	194	732	3134	5674	6567	6204	5466	4796	4280	3875	3571	3345	3175	3058	2982	2937
30	6.01	45.3	105	180	512	2505	5379	6647	6476	5752	5047	4501	4089	3769	3516	3319	3181	3090	3036
35	6.09	42.3	97.5	166	384	1779	4588	6381	6644	6076	5370	4782	4345	4016	3771	3585	3452	3361	3306
40	6.17	39.3	89.5	151	255	1054	3797	6115	6811	6400	5692	5063	4601	4263	4025	3850	3723	3632	3575
45	6.23	35.3	80.5	134	215	684	2504	5090	6556	6753	6324	5738	5249	4902	4671	4512	4399	4319	4263
50	6.29	31.3	71.4	116	176	315	1210	4065	6302	7105	6955	6413	5897	5540	5318	5174	5076	5005	4952
55	6.33	26.8	62.2	101	147	241	742	2399	4596	6353	7197	7362	7152	6812	6515	6314	6175	6074	6002
60	6.37	22.3	52.9	84.9	118	166	275	732	2891	5600	7440	8311	8407	8083	7712	7453	7274	7142	7052
65	6.39	17.7	43.6	69.3	96.0	131	200	453	1578	3049	4294	5186	5580	5554	5241	4862	4576	4391	4287
70	6.42	13.2	34.2	53.7	74.3	95.7	125	174	265	498	1147	2060	2754	3026	2770	2270	1877	1641	1523
75	6.44	10.9	25.7	39.9	54.7	70.4	90.5	119	170	294	624	1089	1445	1587	1460	1208	1009	891	832
80	6.47	8.54	17.1	26.2	35.1	45.1	56.2	64.5	75.0	89.1	102	118	135	149	151	145	140	142	141
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( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:15 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:219.96V I:0.4282A P:92.646W PF:0.9837 Freq:49.99Hz Lamp Flux:13084.5x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:100W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Table--2

UNIT: cd

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	99.9	98.2	97.6	101	97.7	86.1	78.3	71.5	64.9	56.6	49.1	42.4	34.1	26.1	17.6	9.63	5.51	3.13	
-75	199	192	187	184	172	154	137	129	114	102	87.8	74.0	60.9	48.9	32.7	18.2	6.96	3.23	
-70	298	287	276	266	245	221	196	186	163	147	126	106	87.8	71.7	47.8	26.8	8.40	3.34	
-65	421	415	419	435	449	450	429	393	327	258	192	164	144	124	88.0	47.5	12.0	3.48	
-60	544	543	563	604	652	680	662	601	491	368	257	222	200	176	128	68.3	15.5	3.61	
-55	725	729	750	785	831	869	888	889	863	791	628	416	249	210	160	88.9	21.5	3.78	
-50	906	916	937	967	1009	1058	1113	1177	1235	1213	1000	611	299	244	193	109	27.4	3.95	
-45	1007	1018	1038	1066	1104	1148	1203	1272	1356	1414	1361	1061	563	279	209	122	32.5	4.08	
-40	1108	1120	1140	1165	1198	1237	1292	1368	1476	1615	1723	1511	828	315	225	135	37.6	4.22	
-35	1207	1216	1233	1255	1285	1322	1376	1456	1576	1752	1967	1940	1286	466	238	143	42.1	4.33	
-30	1307	1313	1325	1345	1372	1407	1460	1544	1676	1890	2211	2369	1744	617	250	151	46.6	4.44	
-25	1407	1411	1422	1441	1467	1507	1569	1662	1810	2062	2511	2795	2188	861	259	155	48.8	4.53	
-20	1507	1510	1519	1537	1562	1608	1677	1780	1943	2234	2812	3221	2631	1105	269	158	50.9	4.62	
-15	1637	1641	1652	1674	1706	1758	1838	1959	2155	2519	3205	3678	3049	1334	279	159	52.4	4.74	
-10	1767	1773	1785	1812	1850	1907	1999	2139	2367	2804	3598	4135	3466	1563	290	160	53.9	4.85	
-5	1958	1963	1979	2010	2057	2127	2237	2407	2689	3201	4045	4583	3769	1625	286	157	53.4	4.97	
0	2150	2154	2173	2207	2264	2348	2476	2676	3011	3597	4492	5031	4072	1688	283	154	52.9	5.09	
5	2351	2357	2378	2419	2486	2587	2737	2976	3353	3976	4905	5385	4198	1622	271	149	51.9	5.21	
10	2553	2559	2584	2631	2707	2825	2999	3277	3696	4356	5318	5740	4323	1556	258	145	50.9	5.34	
15	2689	2697	2728	2786	2878	3021	3223	3526	3985	4707	5680	5882	4096	1295	242	137	48.1	5.45	
20	2826	2836	2872	2942	3050	3216	3447	3775	4274	5059	6042	6024	3869	1035	226	130	45.3	5.57	
25	2926	2940	2987	3069	3190	3366	3615	3977	4539	5404	6275	5799	3306	796	211	121	42.3	5.67	
30	3026	3045	3101	3196	3329	3516	3783	4179	4804	5749	6507	5574	2742	558	196	112	39.2	5.77	
35	3287	3296	3342	3426	3555	3748	4040	4498	5221	6133	6404	4773	2003	420	178	102	35.1	5.84	
40	3549	3548	3582	3656	3781	3980	4297	4818	5638	6516	6301	3971	1264	283	160	91.3	30.9	5.90	
45	4234	4224	4241	4295	4406	4613	4981	5578	6286	6563	5365	2773	844	235	141	80.3	27.3	5.95	
50	4919	4901	4900	4934	5032	5247	5664	6338	6933	6611	4429	1574	425	187	122	69.3	23.7	6.00	
55	5965	5961	5988	6074	6254	6544	6871	6966	6430	4876	2658	951	303	154	103	58.1	19.2	6.04	
60	7011	7021	7077	7214	7475	7840	8078	7595	5927	3141	886	328	181	122	84.0	46.9	14.6	6.09	
65	4265	4317	4443	4657	4939	5127	5024	4420	3253	1708	531	227	138	97.1	66.3	37.4	11.8	6.13	
70	1519	1614	1808	2100	2403	2415	1970	1246	579	276	176	127	96.3	72.3	48.7	28.0	9.04	6.17	
75	831	878	978	1127	1278	1278	1046	673	333	175	119	90.5	69.0	51.3	34.5	19.6	7.68	6.22	
80	142	141	147	154	152	142	122	101	86.5	73.9	62.9	53.5	41.7	30.4	20.4	11.2	6.31	6.27	
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( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:15 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: