

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	345.0 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	155.2V x 151.9H
	At 50% of Imax	117.9V x 115.6H
	At 90% of Imax	56.9V x 55.5H

Beam Flux	Total	998.6 lumens per klm.
	To 10% of Imax	985.4 lumens per klm.
	To 50% of Imax	794.6 lumens per klm.
	To 90% of Imax	241.0 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

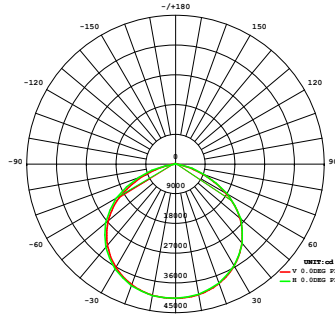
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:06 November 2019

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:220.03V I:3.7541A P:813.84W PF:0.9853 Freq:49.99Hz Lamp Flux:117721x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:840W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

	DATA OF LAMP		Eff:144.65lm/W	
	NJZ-FLM0810-V01-RZ-120-TG-U-GR		Imax(cd)	40617
	NOMINAL POWER(W)	840	AVAILABILITY(%)	98.8
	RATED VOLTAGE(V)	220	Avai. FLUX(lm)	116341
	NOMINAL FLUX(lm)	117721	LOR(%)	100.0
	LAMPS INSIDE	1	TOTAL FLUX(lm)	117721
	TEST VOLTAGE(V)	220	θ @50% (H,V)	116,118DEG

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	0.13	1.30	7.62	26.1	59.4	103	150	188	210	215	200	168	123	76.7	38.0	13.2	2.64	0.25	1583	1220
70	0.18	3.83	26.1	82.3	170	271	369	446	489	494	460	390	297	195	103	37.8	7.19	0.38	3840	3749
60	0.29	9.11	56.2	158	298	448	582	683	738	742	695	601	473	324	183	72.6	14.7	0.66	6080	6029
50	0.46	16.1	90.1	232	411	593	748	860	920	924	870	765	615	438	258	109	23.7	1.06	7876	7842
40	0.70	23.6	122	294	499	698	866	989	1054	1058	998	881	718	524	319	142	32.6	1.50	9219	9194
30	0.93	30.0	146	339	560	770	949	1079	1148	1151	1088	964	790	583	365	168	40.4	1.91	10172	10151
	1.10	34.7	163	369	597	815	1001	1134	1204	1207	1142	1014	834	619	393	184	45.6	2.21	10759	10741
	1.17	36.6	169	381	613	834	1022	1157	1226	1229	1165	1036	853	635	406	192	48.4	2.38	11007	10990
	1.14	36.1	167	378	609	830	1017	1151	1220	1223	1160	1031	849	632	403	190	47.8	2.35	10946	10929
	1.00	32.7	156	358	584	800	984	1116	1187	1190	1126	999	821	608	385	180	44.5	2.17	10574	10555
-30	0.77	27.4	137	322	538	745	921	1049	1118	1121	1059	937	766	564	351	160	38.2	1.77	9855	9834
-40	0.47	19.9	108	270	467	661	825	946	1011	1015	958	845	687	498	302	134	30.7	1.33	8779	8752
-50	0.25	12.4	75.6	204	371	545	695	805	865	870	820	719	576	408	239	100	21.9	0.84	7326	7289
-60	0.15	5.95	42.3	127	251	389	519	613	666	673	631	547	427	292	164	65.2	13.3	0.49	5427	5367
-70	0.10	2.00	16.6	56.9	127	213	300	368	409	416	388	330	250	163	85.9	31.8	5.97	0.28	3162	3042
-80	0.07	0.45	2.88	12.0	32.8	63.6	98.6	129	147	153	143	121	88.6	54.7	26.9	9.35	1.79	0.17	1085	658
-90	0.03	0.06	0.09	0.15	0.43	0.96	1.76	3.02	4.07	4.58	4.57	3.82	2.73	1.69	0.85	0.38	0.15	0.06	29.4	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	8.93	292	1485	3609	6189	8780	11048	12715	13618	13683	12907	11351	9169	6616	4022	1788	420	19.81	117721	---
Φ a	0.00	158	1379	3511	6110	8703	10963	12650	13560	13633	12850	11287	9088	6543	3933	1690	284	0.00	---	116341

one-half-peak spread: U:57.5,D:60.9 , L:58.1,R:58.0

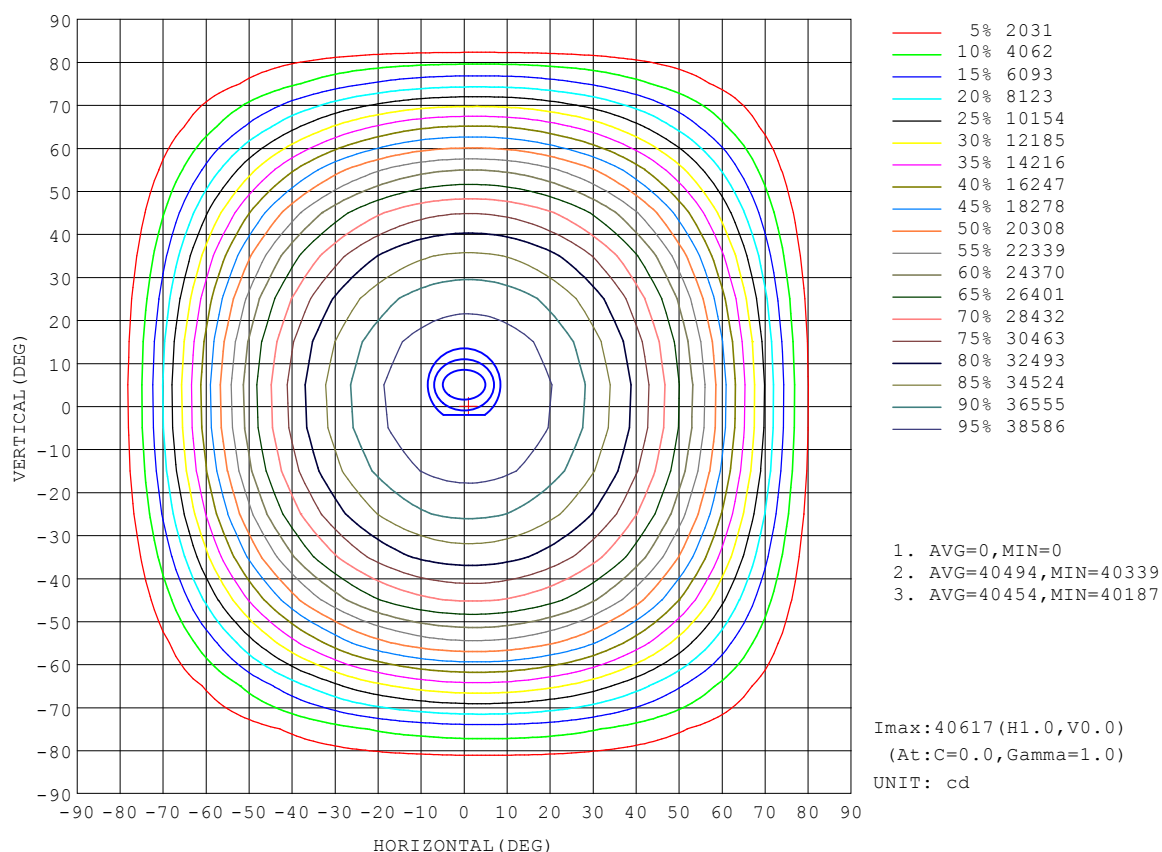
NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:06 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:220.03V I:3.7541A P:813.84W PF:0.9853 Freq:49.99Hz Lamp Flux:117721x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:840W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

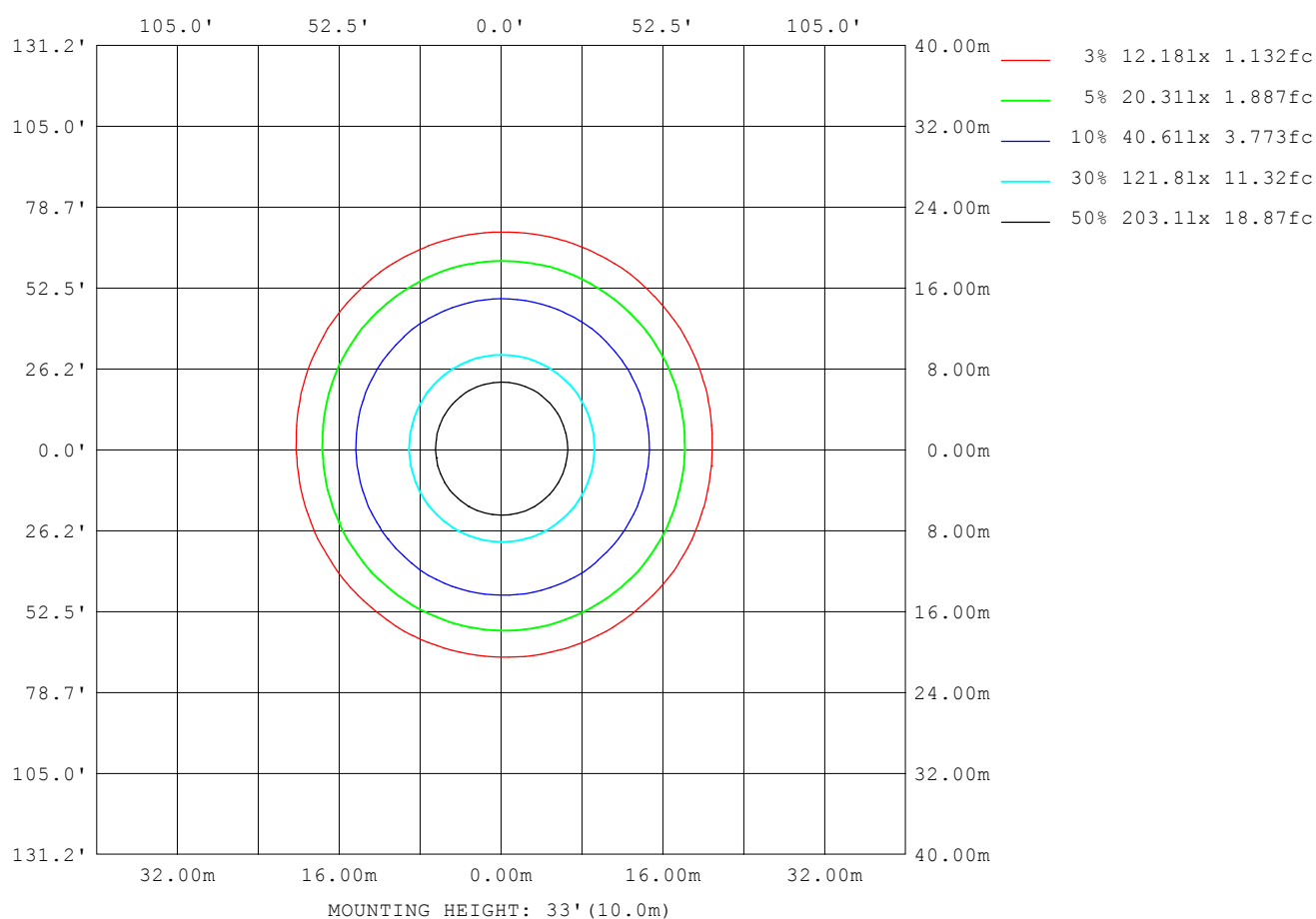


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:06 November 2019

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

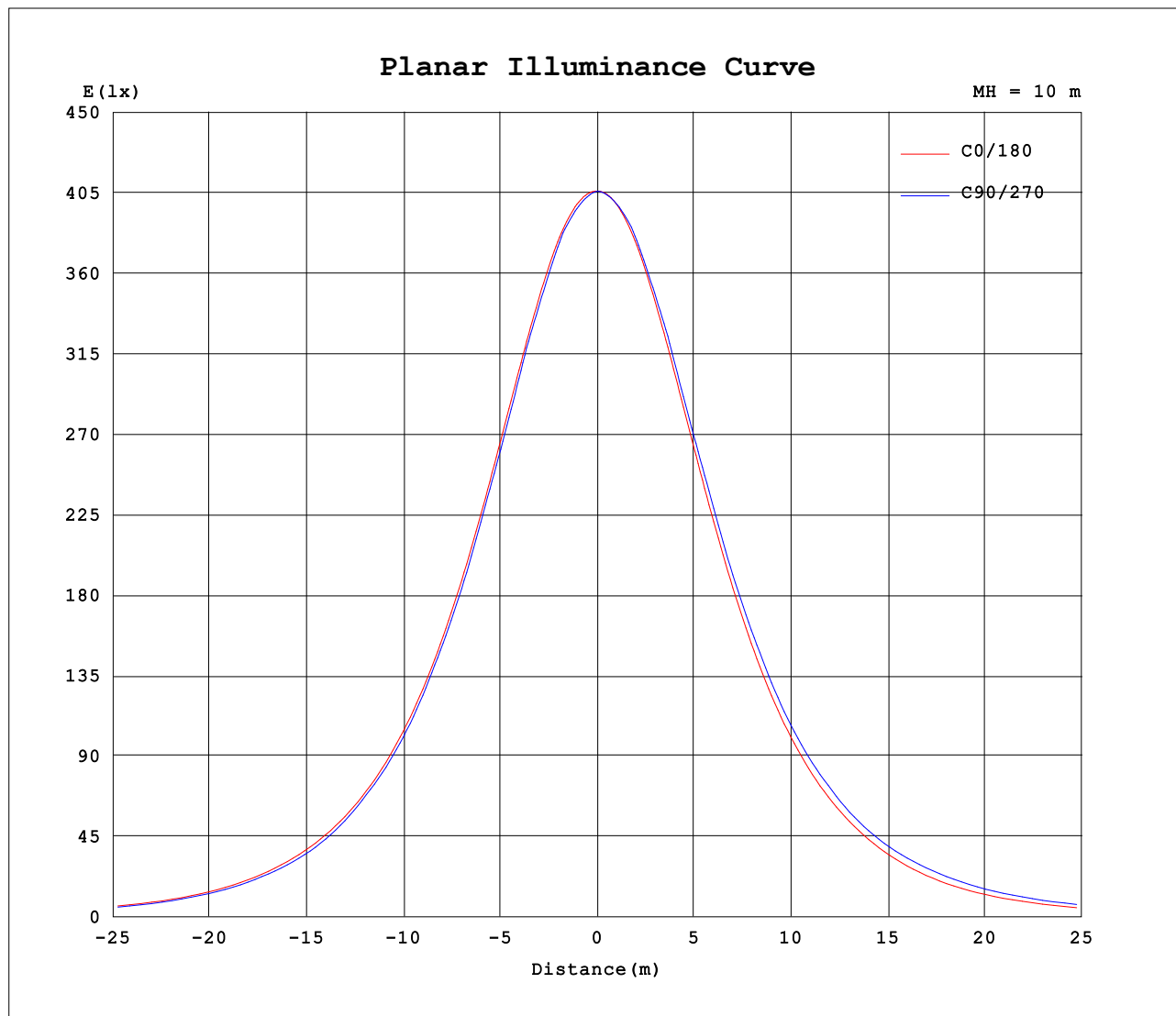
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:06 November 2019

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



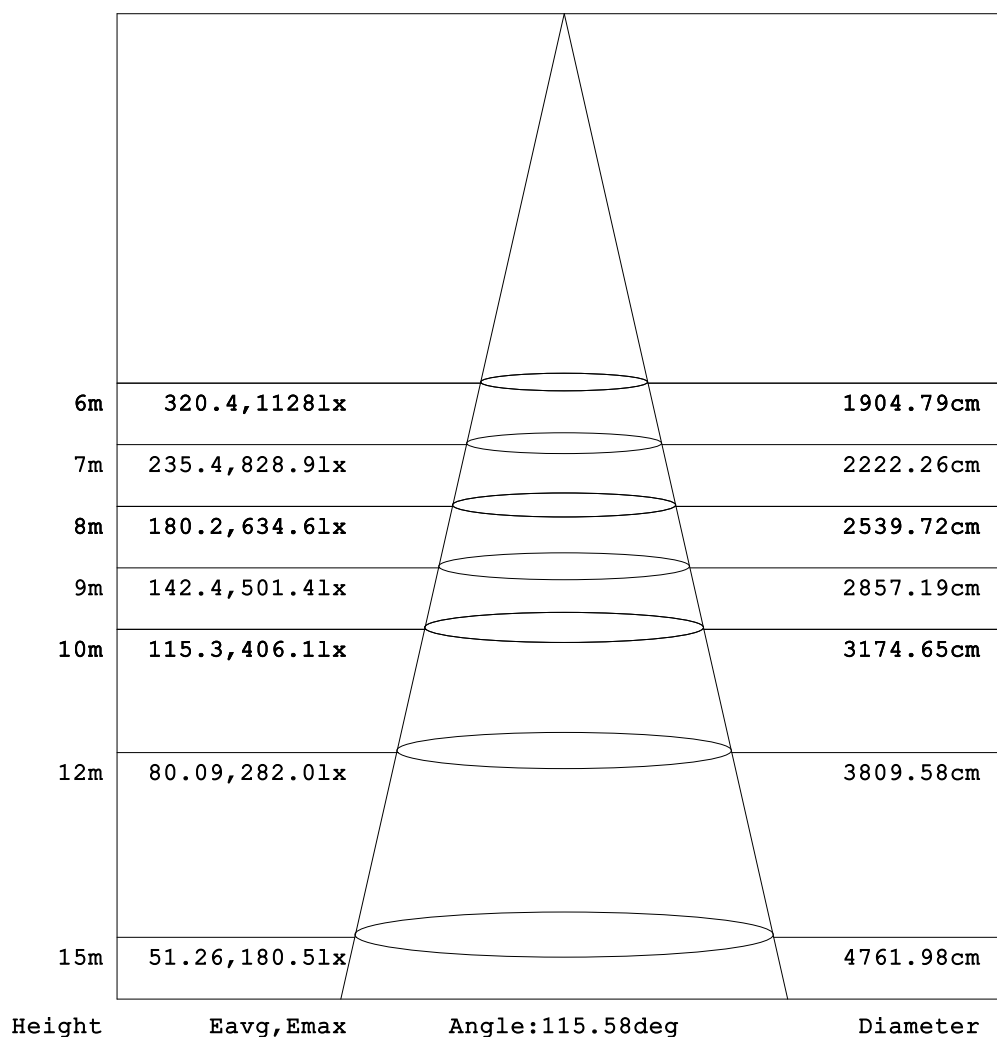
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:06 November 2019

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:220.03V I:3.7541A P:813.84W PF:0.9853 Freq:49.99Hz Lamp Flux:117721x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:840W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:92794 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:06 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:220.03V I:3.7541A P:813.84W PF:0.9853 Freq:49.99Hz Lamp Flux:117721x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:840W	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	2.41	2.47	2.46	3.25	5.48	8.21	10.9	15.3	22.7	34.0	46.8	60.0	74.7	90.6	105	120	132	141	148
-75	2.45	2.48	3.39	6.85	15.9	31.9	56.4	89.7	131	181	231	284	336	385	428	463	488	510	522
-70	2.48	2.49	4.31	10.4	26.3	55.7	102	164	238	328	416	508	596	680	750	806	845	878	896
-65	2.53	2.80	6.27	22.9	62.7	130	220	330	460	591	725	851	973	1083	1170	1240	1295	1335	1354
-60	2.58	3.11	8.24	35.3	99.2	204	338	496	682	853	1035	1193	1349	1486	1590	1675	1746	1792	1813
-55	2.59	3.57	13.0	63.3	164	318	504	715	939	1152	1360	1541	1710	1860	1973	2062	2131	2176	2197
-50	2.61	4.02	17.8	91.2	229	431	671	933	1196	1451	1685	1889	2071	2234	2357	2449	2516	2561	2581
-45	2.61	4.47	28.1	132	312	562	847	1146	1435	1704	1952	2167	2348	2506	2631	2725	2794	2839	2860
-40	2.62	4.92	38.4	172	395	692	1023	1360	1674	1957	2218	2444	2626	2779	2904	3002	3072	3118	3138
-35	2.65	6.03	54.3	212	477	809	1172	1527	1858	2155	2415	2640	2826	2982	3108	3207	3279	3324	3344
-30	2.69	7.14	70.1	253	560	926	1321	1694	2043	2353	2611	2835	3026	3184	3313	3413	3486	3531	3550
-25	2.71	8.02	83.5	293	631	1024	1433	1823	2181	2487	2748	2975	3168	3328	3458	3558	3631	3676	3694
-20	2.73	8.89	96.9	333	702	1122	1545	1953	2319	2621	2885	3116	3310	3472	3602	3703	3776	3822	3839
-15	2.75	10.1	105	356	743	1179	1613	2034	2396	2701	2968	3199	3395	3558	3689	3789	3861	3906	3923
-10	2.76	11.3	113	380	784	1236	1682	2114	2474	2782	3051	3282	3480	3644	3775	3875	3947	3990	4007
-5	2.78	13.1	118	394	806	1263	1715	2148	2506	2816	3085	3318	3515	3678	3809	3909	3979	4020	4034
0	2.81	14.8	124	408	828	1291	1749	2181	2539	2849	3120	3353	3550	3713	3843	3943	4012	4050	4061
5	2.85	13.5	122	401	818	1278	1736	2168	2526	2836	3105	3337	3534	3698	3828	3928	3997	4038	4051
10	2.89	12.3	120	393	807	1264	1724	2155	2512	2822	3090	3322	3519	3682	3813	3913	3983	4025	4040
15	2.94	11.9	114	376	778	1225	1669	2096	2454	2761	3028	3259	3455	3617	3748	3848	3918	3962	3978
20	2.99	11.6	109	360	748	1186	1614	2037	2396	2700	2966	3196	3391	3553	3682	3782	3854	3898	3916
25	3.04	10.9	97.2	326	688	1102	1521	1925	2284	2588	2849	3077	3270	3430	3559	3659	3731	3776	3793
30	3.09	10.3	85.5	292	629	1018	1428	1814	2173	2475	2733	2958	3149	3308	3436	3536	3608	3653	3671
35	3.13	9.56	73.1	254	553	913	1297	1662	2005	2304	2562	2783	2970	3126	3252	3350	3421	3465	3483
40	3.17	8.86	60.6	216	477	808	1166	1510	1837	2132	2391	2607	2790	2943	3068	3164	3234	3277	3296
45	3.21	8.00	47.7	174	392	680	996	1311	1617	1898	2146	2360	2543	2693	2814	2907	2976	3019	3037
50	3.24	7.14	34.7	133	307	551	826	1113	1398	1664	1900	2112	2296	2443	2559	2650	2718	2760	2778
55	3.26	6.11	26.0	98.5	234	426	654	896	1146	1379	1595	1787	1959	2098	2212	2305	2373	2414	2432
60	3.28	5.07	17.3	64.3	160	301	482	679	894	1093	1291	1462	1623	1753	1865	1960	2028	2068	2086
65	3.29	4.23	13.1	42.7	107	204	334	482	645	802	961	1102	1237	1350	1444	1526	1584	1619	1635
70	3.30	3.39	8.92	21.1	53.2	108	185	285	396	512	632	742	852	946	1023	1091	1140	1170	1184
75	3.31	3.27	6.32	14.1	32.0	62.4	107	165	232	302	377	448	519	582	634	678	711	732	742
80	3.32	3.15	3.72	7.12	10.8	17.0	28.2	44.8	67.2	92.7	122	153	186	219	246	265	282	294	301
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:06 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:220.03V I:3.7541A P:813.84W PF:0.9853 Freq:49.99Hz Lamp Flux:117721x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:840W	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	151	152	151	144	135	123	108	93.4	78.3	63.1	48.3	35.6	25.5	17.3	9.56	5.93	5.21	3.48	
-75	526	521	509	489	460	421	377	328	275	222	171	123	82.2	49.9	23.3	9.46	6.03	3.52	
-70	901	890	867	834	786	719	645	562	471	382	294	210	139	82.5	37.1	13.0	6.86	3.56	
-65	1357	1341	1306	1255	1189	1103	999	885	758	628	493	364	245	147	68.8	20.7	7.71	3.58	
-60	1813	1792	1745	1675	1592	1486	1352	1207	1045	874	693	518	351	211	101	28.4	8.57	3.60	
-55	2196	2172	2124	2052	1961	1842	1692	1528	1341	1138	922	703	489	300	149	43.9	10.1	3.38	
-50	2580	2553	2502	2429	2330	2197	2032	1848	1637	1402	1151	887	627	388	198	59.5	11.7	3.16	
-45	2856	2828	2774	2697	2594	2458	2294	2103	1877	1625	1349	1054	756	480	246	82.6	12.7	3.10	
-40	3133	3103	3047	2965	2857	2720	2555	2358	2118	1847	1548	1221	885	571	294	106	13.7	3.03	
-35	3338	3307	3249	3164	3053	2912	2743	2540	2300	2025	1709	1364	1005	656	343	127	17.2	2.81	
-30	3543	3510	3450	3363	3249	3105	2931	2723	2482	2202	1870	1507	1126	742	393	148	20.7	2.59	
-25	3687	3654	3593	3504	3388	3242	3064	2853	2608	2325	1992	1612	1212	806	433	161	23.4	2.55	
-20	3831	3797	3735	3646	3528	3379	3198	2983	2733	2448	2114	1716	1299	871	473	175	26.0	2.51	
-15	3915	3882	3821	3731	3613	3463	3281	3065	2813	2525	2190	1792	1360	924	506	188	29.5	2.51	
-10	4000	3967	3906	3817	3698	3548	3364	3146	2893	2601	2266	1867	1422	977	538	201	32.9	2.52	
-5	4028	3998	3939	3850	3731	3579	3396	3177	2922	2630	2293	1895	1439	993	548	204	33.3	2.54	
0	4057	4029	3971	3882	3763	3611	3428	3208	2952	2658	2320	1924	1456	1008	557	207	33.7	2.57	
5	4045	4015	3957	3867	3748	3597	3413	3194	2938	2645	2308	1910	1449	1002	553	206	33.3	2.62	
10	4033	4001	3942	3853	3733	3582	3398	3179	2925	2631	2296	1897	1442	996	548	204	32.8	2.67	
15	3971	3937	3877	3787	3668	3517	3334	3116	2863	2572	2238	1837	1394	952	521	193	31.0	2.71	
20	3909	3873	3811	3721	3602	3453	3271	3053	2802	2513	2181	1777	1345	909	494	181	29.2	2.75	
25	3786	3751	3689	3600	3482	3335	3155	2940	2693	2408	2073	1681	1269	849	456	169	26.9	2.78	
30	3663	3628	3567	3478	3362	3216	3039	2827	2583	2304	1965	1586	1193	789	418	157	24.6	2.81	
35	3476	3442	3382	3295	3181	3037	2864	2658	2417	2136	1812	1451	1074	703	367	136	21.7	2.85	
40	3289	3256	3198	3112	3000	2859	2689	2489	2251	1968	1658	1316	955	617	315	114	18.9	2.89	
45	3031	3000	2943	2861	2753	2617	2450	2250	2020	1753	1463	1148	824	522	264	94.8	17.1	2.91	
50	2773	2743	2688	2610	2506	2375	2211	2011	1789	1539	1269	981	693	428	213	75.3	15.3	2.94	
55	2428	2400	2347	2268	2166	2042	1888	1706	1501	1280	1040	794	552	335	166	57.9	12.9	2.97	
60	2082	2057	2005	1926	1825	1709	1565	1400	1212	1021	810	606	411	243	119	40.5	10.5	2.99	
65	1634	1614	1572	1504	1421	1323	1201	1066	916	761	597	440	294	172	83.6	29.2	9.05	3.00	
70	1185	1172	1138	1082	1017	937	838	733	620	500	384	274	177	102	48.4	17.9	7.56	3.02	
75	744	736	716	681	639	586	521	452	380	305	232	165	107	61.7	30.8	13.2	6.46	3.03	
80	304	301	293	281	262	235	203	171	139	109	80.2	56.1	36.5	21.7	13.1	8.40	5.36	3.04	
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:06 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: