

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	553.0 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	134.3V x 152.1H
	At 50% of Imax	42.8V x 139.7H
	At 90% of Imax	10.5V x 135.9H

Beam Flux	Total	989.9 lumens per klm.
	To 10% of Imax	958.8 lumens per klm.
	To 50% of Imax	550.8 lumens per klm.
	To 90% of Imax	72.1 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.0 %

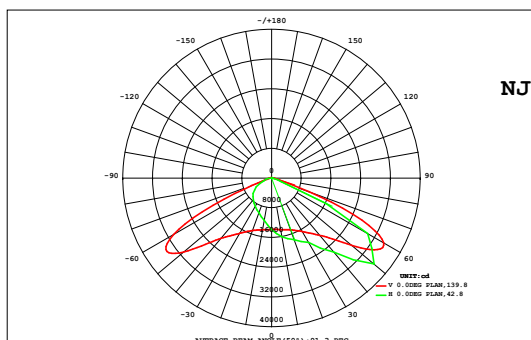
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 November 2019

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:219.98V I:2.7891A P:600.67W PF:0.9790 Freq:49.99Hz Lamp Flux:81157.2x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:600W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



DATA OF LAMP		Eff:135.11lm/W	
MODEL NO-V01	RZ-T3-PC-U-GR	Imax (cd)	44883
NOMINAL POWER(W)	600	AVAILABILITY (%)	97.4
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	79067
NOMINAL FLUX (lm)	81157.2	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	81157
TEST VOLTAGE (V)	220	θ @50% (H, V)	140, 43DEG

		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			
VERTICAL (DEG)	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	0.25	2.40	7.11	13.7	21.8	31.3	41.1	48.9	51.9	51.6	49.5	42.1	32.5	22.7	14.5	7.83	2.95	0.39	443	0.00		
	70	0.48	5.09	13.8	26.5	51.3	79.0	96.3	104	104	103	102	94.9	81.1	57.1	30.5	14.8	5.86	0.70	970	250		
	60	0.86	8.78	22.8	66.9	138	179	188	181	176	175	180	185	174	137	77.7	27.9	9.35	1.07	1928	1772		
	50	1.20	10.6	42.3	161	231	234	228	224	221	220	224	226	229	223	163	54.6	11.4	1.35	2705	2627		
	40	1.43	12.0	91.5	255	268	257	256	255	253	253	254	254	254	261	246	105	14.1	1.53	3291	3240		
	30	1.54	14.4	157	335	308	292	288	287	287	286	285	284	287	300	324	167	18.1	1.63	3922	3884		
	-30	1.60	18.2	220	428	375	345	333	329	328	326	325	327	336	360	416	227	21.6	1.64	4717	4688		
		1.57	20.9	266	531	474	421	398	389	386	384	384	391	409	454	520	273	22.5	1.60	5728	5703		
		1.50	20.4	286	623	589	518	480	463	457	456	458	470	502	572	615	290	19.8	1.50	6822	6798		
		1.33	16.2	262	678	694	612	560	530	518	515	522	546	597	679	678	265	15.1	1.35	7689	7664		
		1.10	11.4	200	672	776	694	635	595	574	571	586	624	681	766	685	194	10.7	1.13	8278	8250		
-40		0.84	8.34	118	575	840	790	738	708	691	690	704	732	778	844	604	102	8.06	0.85	8932	8899		
-50		0.62	6.38	48.6	381	838	952	928	925	929	929	924	922	953	882	387	37.8	6.19	0.58	10050	10007		
-60		0.42	4.51	15.4	152	605	998	1114	1096	1070	1065	1081	1111	1053	638	125	13.6	4.46	0.39	10147	10090		
-70		0.26	2.82	9.00	17.3	162	533	700	639	585	591	654	716	527	143	20.3	7.74	2.74	0.26	5311	5196		
-80		0.14	1.37	4.49	8.41	7.59	10.5	19.3	22.4	22.0	21.7	22.3	22.9	17.8	9.23	6.54	4.35	1.28	0.15	202	0.00		
-90	0.04	0.29	0.87	1.71	2.22	1.81	1.62	1.77	2.14	2.08	1.81	1.32	1.04	1.37	1.14	0.49	0.11	0.03	21.9	0.00			
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90		
Φ t	15.2	164	1764	4925	6381	6947	7003	6798	6654	6640	6757	6950	6913	6350	4914	1793	174	16.2	81157	---			
Φ a	0.00	45.1	1617	4808	6280	6845	6884	6652	6488	6464	6601	6824	6817	6243	4803	1648	49.0	0.00	---	79067			

one-half-peak spread: U:14.5,D:29.1 , L:13.3,R:13.5

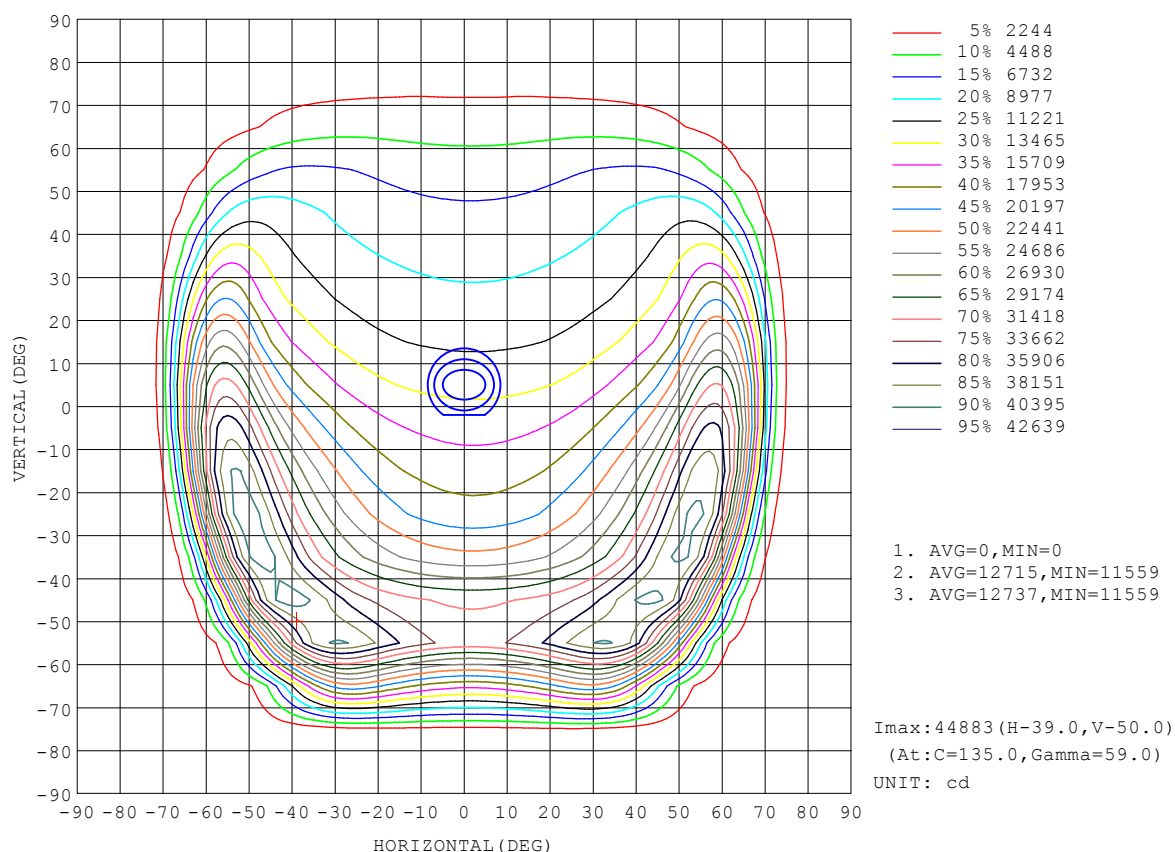
NEMA Beam Type: Type 7

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H( $\beta$ ) Range:-90 - 90DEG
H( $\beta$ ) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 November 2019
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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:
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ISOCANDELA DIAGRAM

Test:U:219.98V I:2.7891A P:600.67W PF:0.9790 Freq:49.99Hz Lamp Flux:81157.2x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:600W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

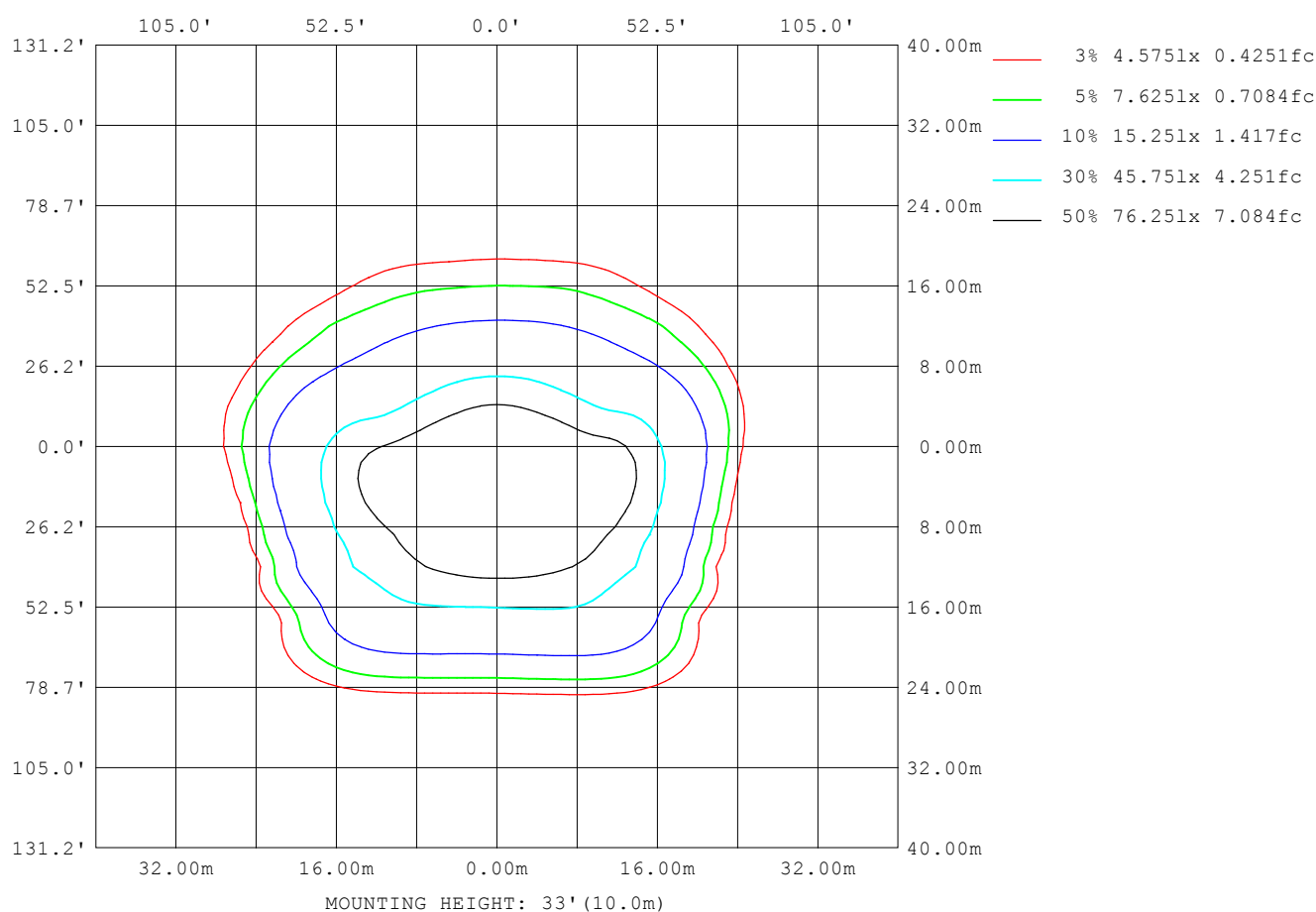


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 November 2019

V(B) Range:-80 - 80DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

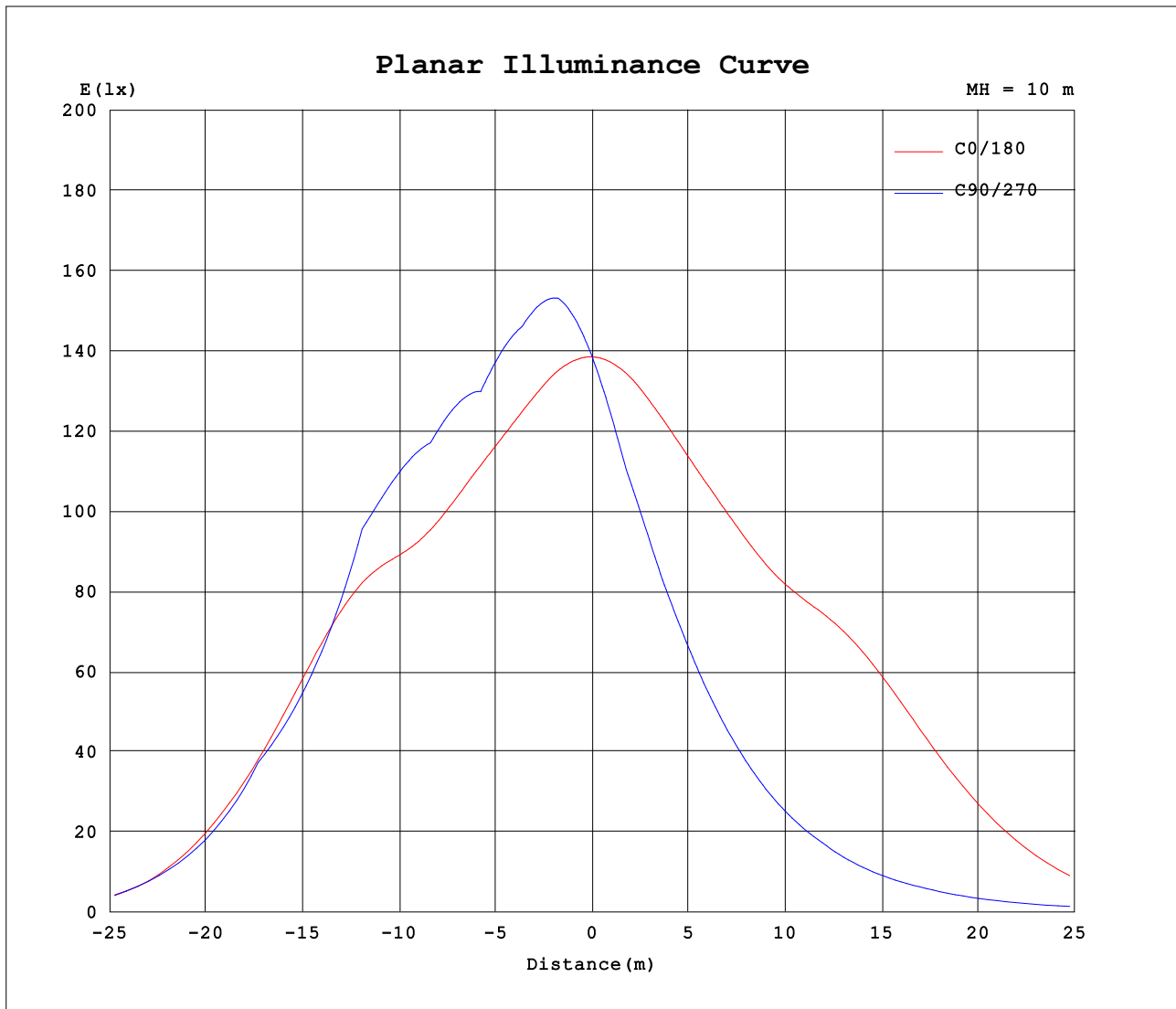
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SPEC.:600W	DIM.: N/A	SERIAL No.:N/A
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 November 2019

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



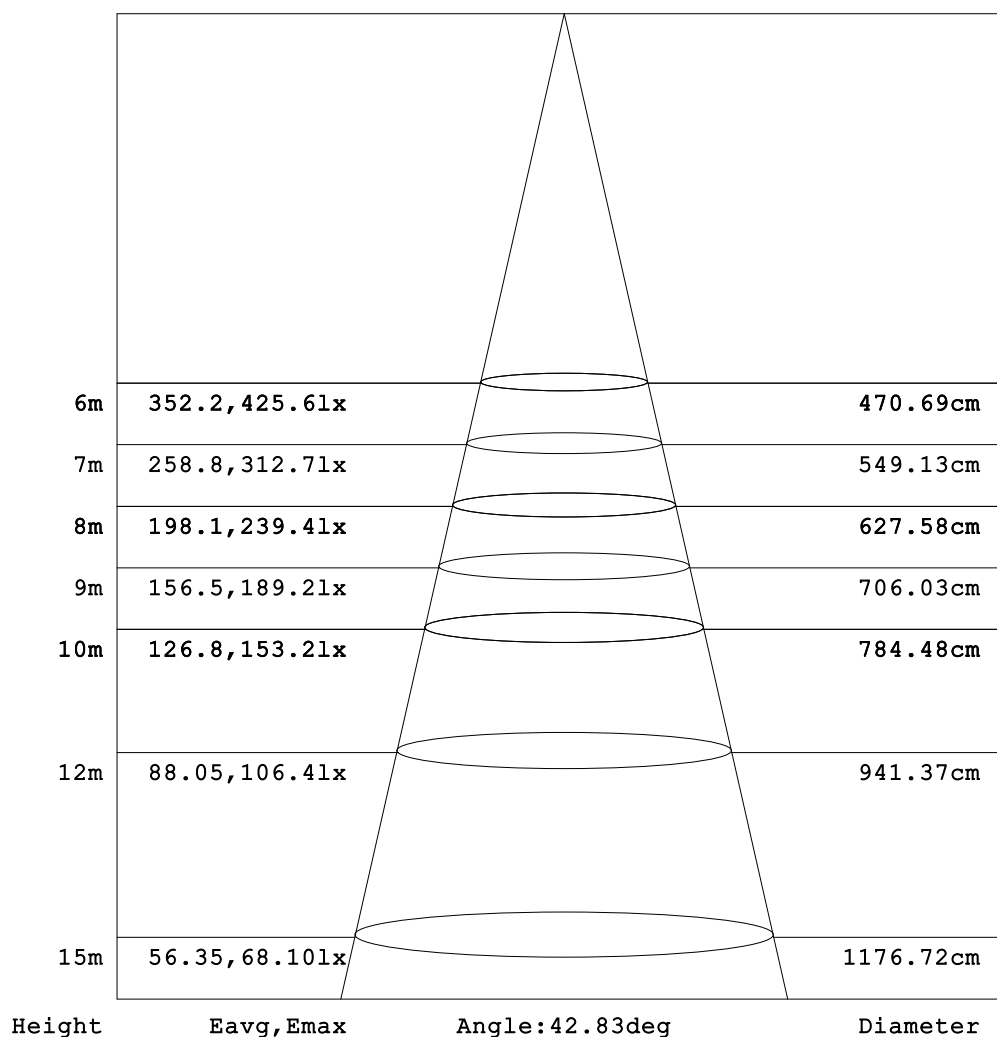
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:05 November 2019

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:219.98V I:2.7891A P:600.67W PF:0.9790 Freq:49.99Hz Lamp Flux:81157.2x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:600W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:6181 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:05 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:219.98V I:2.7891A P:600.67W PF:0.9790 Freq:49.99Hz Lamp Flux:81157.2x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:600W	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	2.00	2.87	4.67	8.75	14.1	19.2	24.5	29.4	34.5	38.6	42.4	46.7	51.2	55.0	56.5	55.5	55.8	57.8	58.4
-75	1.80	2.88	5.77	12.2	22.0	31.1	40.0	49.0	60.4	73.6	91.1	122	161	184	189	184	176	172	169
-70	2.25	5.67	13.3	27.3	41.2	53.7	66.1	81.7	102	128	173	245	302	322	318	303	290	282	282
-65	1.74	4.03	11.6	26.7	46.0	62.4	81.8	114	201	528	1113	1706	2087	2164	2045	1886	1757	1671	1631
-60	2.68	9.95	25.7	49.9	70.6	93.2	130	224	605	1604	2793	3697	4030	3886	3578	3304	3111	3000	2984
-55	1.73	5.54	19.2	44.9	72.4	99.3	156	420	1235	2292	3223	3842	4061	3988	3787	3587	3436	3338	3291
-50	3.07	15.2	40.7	74.4	104	158	383	1476	3127	4161	4488	4342	4053	3858	3747	3677	3632	3605	3599
-45	1.82	7.24	28.7	65.3	99.9	158	494	1548	2987	3928	4165	3998	3704	3468	3319	3224	3160	3121	3103
-40	3.32	21.5	59.3	98.6	149	425	1688	3376	4161	4114	3700	3304	3048	2882	2768	2688	2636	2610	2604
-35	1.99	9.26	40.8	85.3	128	339	1366	3022	4023	4101	3711	3273	2959	2744	2586	2469	2383	2329	2304
-30	3.49	28.6	77.4	120	244	1219	3064	4121	4148	3670	3173	2837	2594	2405	2255	2139	2058	2013	2001
-25	2.10	11.8	55.3	102	167	753	2432	3842	4170	3791	3259	2860	2577	2357	2186	2058	1967	1910	1883
-20	3.84	40.2	91.4	143	506	2154	3747	4192	3829	3257	2828	2526	2283	2092	1953	1859	1800	1768	1760
-15	2.17	14.7	67.1	115	234	1278	3088	4000	3912	3367	2866	2520	2261	2061	1914	1810	1744	1703	1684
-10	4.19	50.1	101	167	840	2668	3802	3886	3374	2833	2461	2189	1985	1841	1740	1674	1633	1610	1604
-5	2.26	18.7	74.4	126	321	1637	3190	3736	3439	2863	2421	2133	1923	1769	1660	1586	1539	1510	1496
0	5.41	54.5	110	198	1068	2677	3478	3364	2812	2315	2011	1812	1663	1557	1484	1437	1407	1390	1385
5	2.04	21.1	78.9	134	368	1660	2889	3227	2856	2301	1949	1739	1588	1473	1393	1339	1305	1283	1272
10	5.65	55.6	114	204	1006	2317	2924	2751	2208	1815	1615	1475	1366	1286	1233	1197	1174	1160	1156
15	1.92	20.8	80.7	137	340	1396	2373	2620	2262	1807	1566	1422	1313	1229	1169	1130	1104	1087	1079
20	5.46	55.6	116	193	777	1802	2303	2150	1719	1473	1332	1232	1153	1094	1055	1029	1012	1002	1000
25	2.26	19.4	79.2	137	265	973	1767	2025	1777	1476	1307	1200	1120	1058	1014	984	962	948	941
30	6.26	51.6	113	170	448	1191	1689	1674	1432	1256	1144	1067	1009	965	933	910	894	884	882
35	2.55	16.8	73.9	131	196	537	1137	1468	1422	1264	1137	1048	985	937	900	872	851	836	828
40	4.80	46.0	106	154	237	618	1084	1269	1219	1108	1016	950	900	862	832	807	788	776	773
45	2.77	13.4	63.8	119	160	263	570	894	1043	1045	990	927	871	826	790	761	738	722	715
50	4.39	36.1	90.6	135	165	240	476	742	892	922	888	836	786	744	711	686	667	657	656
55	2.94	9.75	48.0	95.9	132	160	237	393	546	650	698	704	690	667	638	608	584	571	567
60	4.08	24.0	64.2	105	130	150	177	235	338	448	522	559	569	556	529	500	483	478	478
65	3.10	6.74	28.9	59.1	86.3	105	123	148	194	256	313	350	371	379	377	370	364	356	354
70	3.83	12.7	29.5	48.2	65.8	79.9	96.0	111	123	137	153	170	186	202	217	234	235	230	230
75	3.23	4.82	13.3	25.9	39.0	50.4	61.3	72.8	83.1	92.7	105	116	128	139	150	159	166	164	164
80	3.70	5.92	11.6	19.2	26.5	33.6	40.6	47.0	54.0	62.6	70.5	76.0	83.4	89.9	93.3	94.4	95.2	96.4	96.7
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:05 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:219.98V I:2.7891A P:600.67W PF:0.9790 Freq:49.99Hz Lamp Flux:81157.2x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:600W	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	57.0	55.6	57.2	57.0	54.2	49.7	44.9	40.8	37.1	32.3	27.6	22.7	17.5	12.6	7.60	5.14	3.41	1.82	
-75	171	177	187	199	206	198	168	124	88.9	68.9	56.5	46.7	38.0	29.3	19.8	10.7	6.22	2.73	
-70	292	309	331	351	353	316	238	162	113	89.8	72.8	60.5	47.8	34.9	20.2	10.0	4.64	1.70	
-65	1645	1708	1814	1960	2120	2191	2017	1556	927	413	174	101	75.2	57.5	40.5	21.0	9.93	3.14	
-60	3063	3225	3465	3767	4014	3931	3300	2205	1062	387	168	107	80.2	60.9	36.6	16.5	6.37	1.67	
-55	3303	3371	3487	3655	3861	4034	4025	3679	2928	1946	917	303	140	89.2	64.1	35.4	14.7	3.62	
-50	3613	3645	3700	3788	3941	4191	4432	4332	3648	2234	777	256	126	87.2	59.1	24.4	8.12	1.61	
-45	3105	3128	3172	3243	3352	3528	3788	4050	4095	3636	2476	1105	344	136	87.8	53.8	19.8	4.04	
-40	2620	2658	2723	2817	2954	3159	3484	3907	4152	3791	2470	845	238	116	78.5	36.6	10.1	1.72	
-35	2307	2338	2398	2490	2619	2793	3037	3390	3828	4087	3720	2414	903	231	111	71.9	27.2	4.23	
-30	2024	2082	2175	2307	2480	2697	2983	3399	3911	4154	3615	2019	541	158	96.0	53.7	11.9	1.85	
-25	1885	1915	1977	2074	2214	2399	2640	2956	3405	3913	4079	3387	1744	433	135	86.4	38.4	4.20	
-20	1775	1815	1886	1998	2160	2375	2651	3015	3531	4022	3970	2911	1066	219	111	64.5	13.9	2.26	
-15	1685	1706	1749	1821	1933	2094	2311	2593	2988	3529	3950	3703	2424	735	168	98.3	48.2	4.31	
-10	1615	1643	1690	1768	1888	2059	2290	2606	3074	3637	3857	3217	1582	318	124	73.3	20.5	2.29	
-5	1497	1512	1543	1592	1673	1793	1962	2186	2513	3022	3544	3556	2649	988	201	108	53.6	5.20	
0	1393	1415	1448	1504	1592	1717	1885	2121	2520	3094	3439	3044	1745	391	133	78.7	22.3	1.75	
5	1272	1284	1307	1344	1402	1491	1613	1774	2013	2439	2987	3128	2465	1068	219	114	56.9	6.12	
10	1162	1178	1205	1247	1312	1403	1522	1684	1956	2476	2868	2621	1608	410	141	83.1	23.3	1.26	
15	1079	1087	1105	1133	1176	1241	1330	1444	1609	1912	2398	2570	2046	929	215	118	57.9	6.21	
20	1004	1015	1036	1066	1113	1180	1267	1384	1573	1935	2277	2064	1233	331	141	83.2	22.4	1.49	
25	942	949	964	987	1020	1069	1134	1219	1344	1556	1887	1984	1515	646	193	118	56.4	6.05	
30	887	899	918	945	982	1031	1097	1191	1340	1566	1736	1470	780	243	139	81.0	21.5	1.64	
35	829	838	855	878	908	947	999	1069	1172	1319	1468	1398	944	376	170	113	52.0	6.21	
40	780	796	817	845	879	921	979	1061	1172	1267	1208	856	373	182	130	73.0	17.7	1.92	
45	716	726	744	769	800	838	885	943	1010	1058	1021	809	461	217	149	102	44.6	5.78	
50	662	677	700	729	765	808	858	905	916	837	627	352	198	153	115	61.7	13.9	2.12	
55	568	576	593	619	649	674	694	703	689	628	512	353	213	155	125	81.9	34.3	4.85	
60	481	492	516	545	565	567	545	494	402	292	210	168	144	122	86.2	43.4	9.56	2.40	
65	354	359	367	373	379	378	368	343	301	242	184	144	121	103	81.2	51.7	22.0	4.34	
70	231	236	225	209	194	180	164	147	131	120	106	90.2	75.5	60.3	41.9	23.3	6.62	2.79	
75	163	164	164	156	146	136	125	114	102	90.5	81.2	70.7	59.5	49.1	37.2	23.8	11.5	3.93	
80	95.5	94.4	93.5	91.2	85.8	78.6	72.6	66.2	57.7	50.5	44.1	37.7	30.9	24.0	16.8	8.80	4.74	3.03	
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:05 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: