

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	529.8 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	132.0V x 153.1H
	At 50% of Imax	46.4V x 136.1H
	At 90% of Imax	9.6V x 132.5H

Beam Flux	Total	993.0 lumens per klm.
	To 10% of Imax	959.3 lumens per klm.
	To 50% of Imax	607.4 lumens per klm.
	To 90% of Imax	93.1 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.3 %

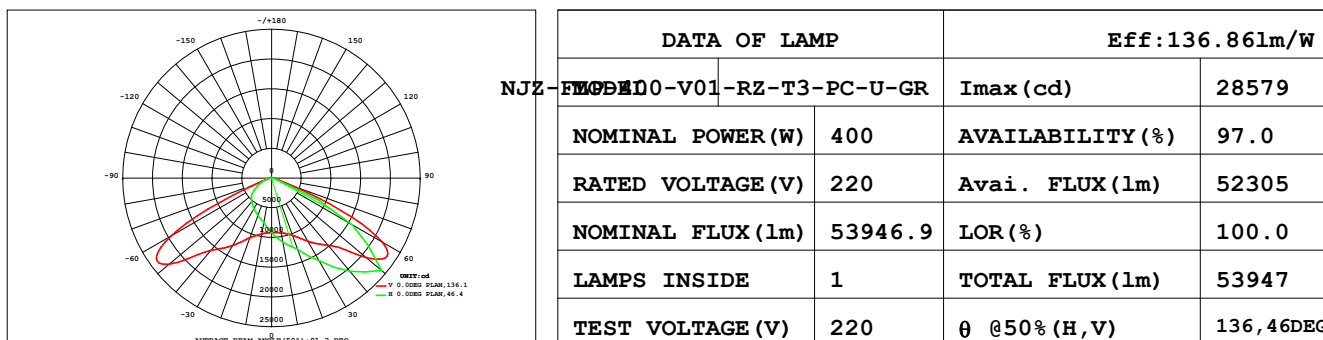
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:11 November 2019

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:219.88V I:1.8239A P:394.17W PF:0.9829 Freq:49.99Hz Lamp Flux:53946.9x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:400W	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	0.18	1.61	4.49	8.82	14.3	20.1	26.2	29.9	31.8	31.8	29.9	25.9	20.0	14.3	8.95	4.72	1.83	0.20	275	0.00
70	0.35	3.41	8.99	16.6	27.5	42.4	53.5	58.7	61.6	61.6	58.7	53.7	43.0	28.3	16.9	9.14	3.54	0.39	548	22.8
60	0.66	6.22	15.1	33.9	70.3	102	113	111	110	111	113	114	101	71.1	35.5	15.3	6.00	0.66	1130	978
50	0.92	7.65	21.7	79.3	145	164	161	155	151	152	158	164	166	145	80.6	22.7	7.20	0.87	1782	1715
40	1.09	8.37	40.4	149	187	182	179	175	171	172	178	184	189	194	151	42.2	7.90	1.00	2210	2167
30	1.18	9.06	74.7	212	215	209	204	197	193	194	200	210	217	228	219	75.1	8.53	1.08	2668	2635
	1.23	9.78	114	278	258	247	234	222	218	219	226	243	259	275	289	111	9.10	1.10	3214	3186
	1.20	10.0	145	355	328	304	280	261	254	255	265	290	317	348	365	140	9.20	1.10	3928	3902
	1.14	9.63	158	426	419	377	343	316	306	308	321	354	394	442	430	148	8.49	1.04	4762	4736
	1.03	8.40	140	465	503	456	414	377	363	364	383	427	475	522	459	127	7.55	0.95	5493	5465
	0.89	7.28	95.6	448	557	524	492	455	435	437	463	508	544	568	435	80.2	6.54	0.81	6058	6028
-30	0.70	6.08	45.2	354	575	580	576	564	552	557	577	595	596	576	336	34.7	5.63	0.65	6532	6496
-40	0.52	4.90	17.7	192	522	636	656	673	680	685	687	672	647	518	168	13.6	4.49	0.46	6776	6732
-50	0.35	3.57	10.3	48.2	318	582	668	669	656	656	670	672	583	300	39.1	9.28	3.32	0.32	5888	5831
-60	0.21	2.32	6.67	11.7	49.9	245	358	329	292	290	325	347	221	42.5	10.5	6.27	2.18	0.20	2538	2412
-70	0.11	1.19	3.53	6.40	6.42	7.72	10.6	12.2	12.6	12.6	12.1	10.6	7.92	6.15	5.98	3.43	1.14	0.11	121	0.00
-80	0.03	0.24	0.73	1.36	1.76	1.67	1.85	2.15	2.57	2.56	2.15	1.78	1.53	1.58	1.20	0.59	0.18	0.02	24.0	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	11.8	99.7	903	3086	4197	4680	4771	4606	4491	4509	4666	4871	4782	4277	3052	842	92.8	10.9	53947	---
Φ a	0.00	0.59	769	2991	4107	4597	4680	4496	4375	4394	4561	4780	4696	4186	2961	710	0.00	0.00	---	52305

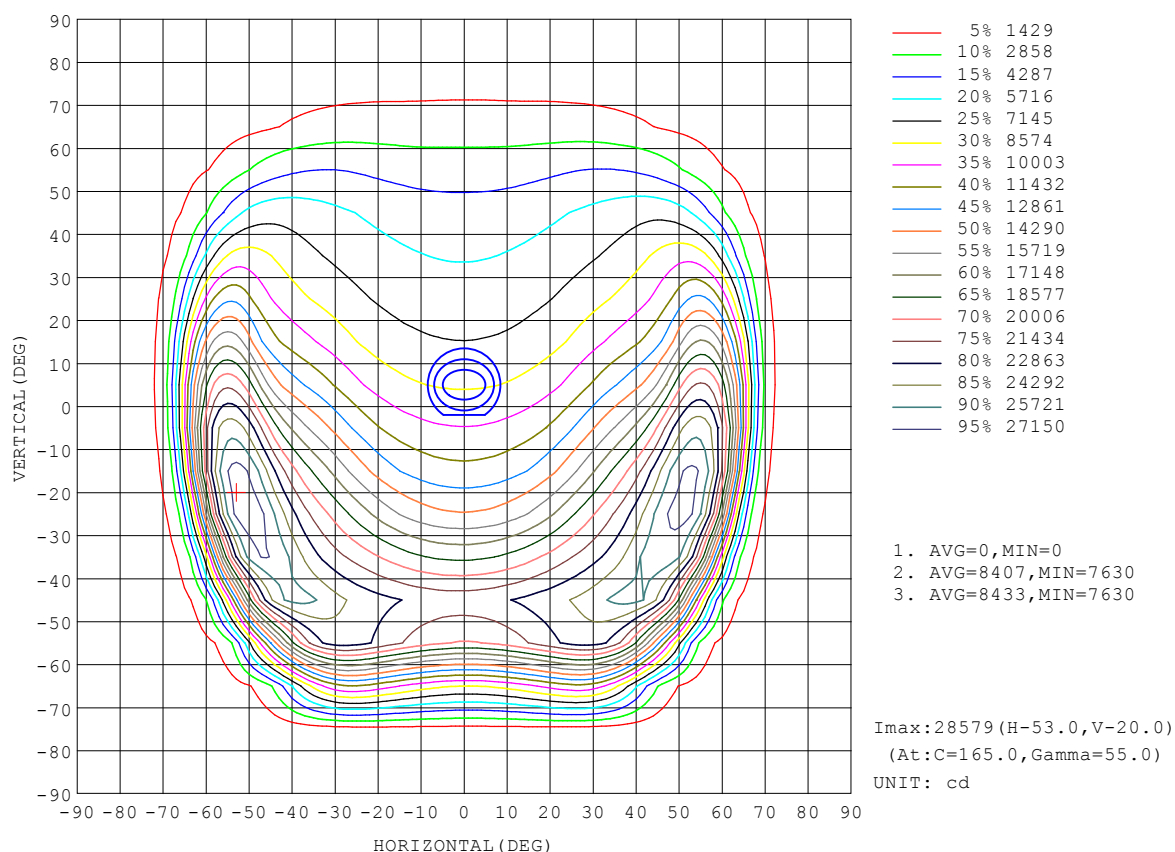
one-half-peak spread: U:12.9,D:34.4 , L:12.8,R:13.4 NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:11 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:219.88V I:1.8239A P:394.17W PF:0.9829 Freq:49.99Hz Lamp Flux:53946.9x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:400W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

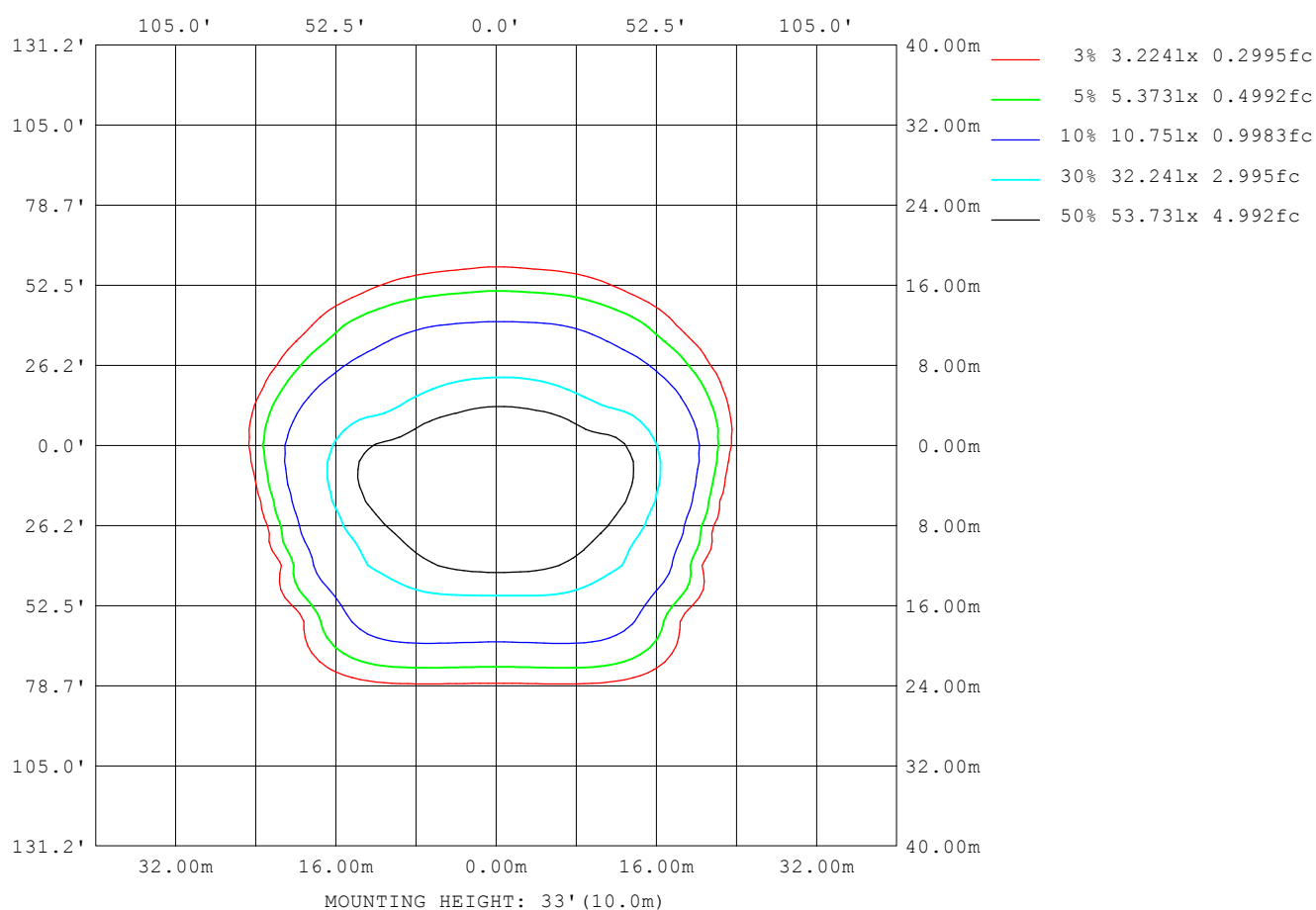


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:11 November 2019

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

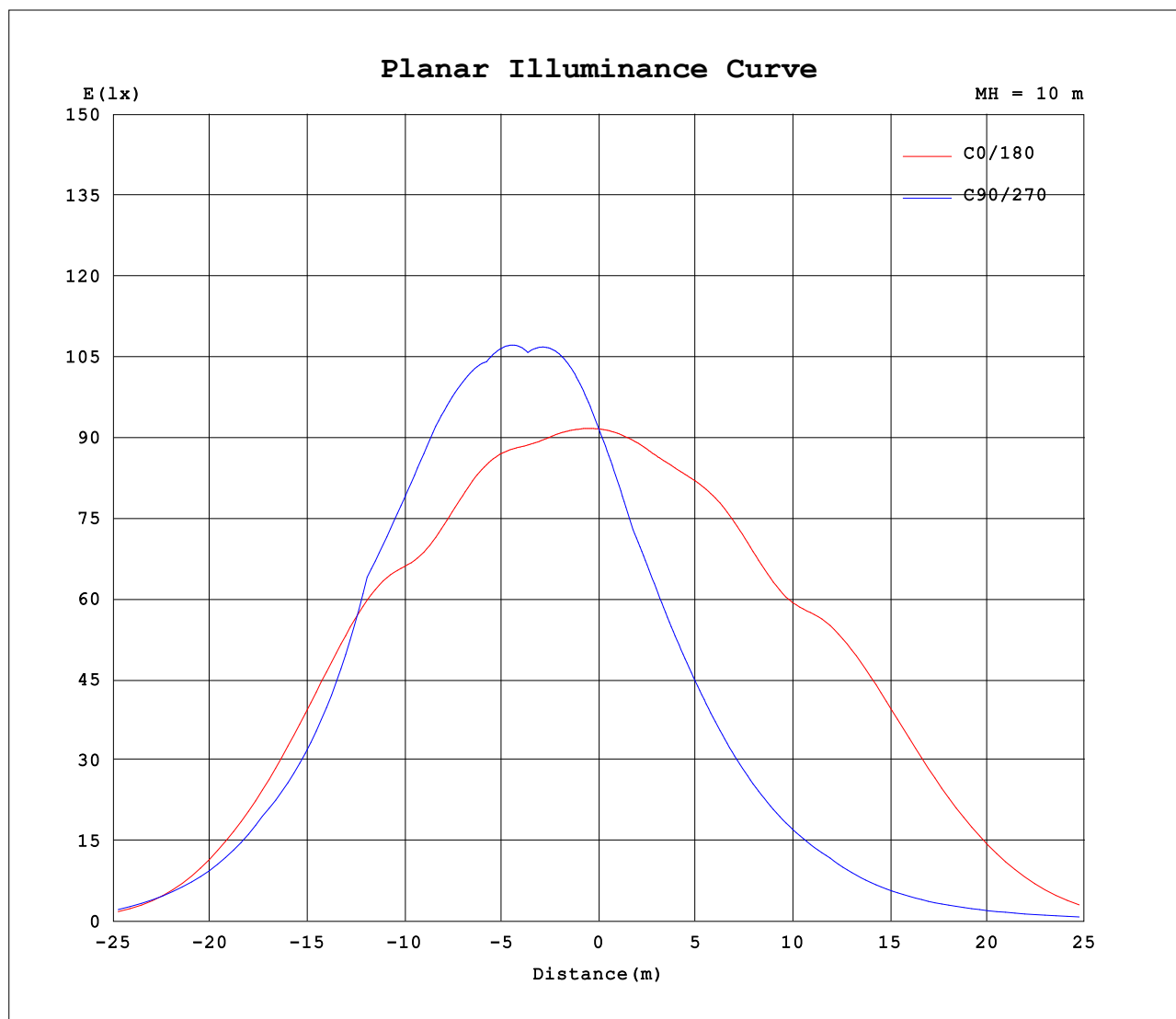
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Test Date:11 November 2019

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



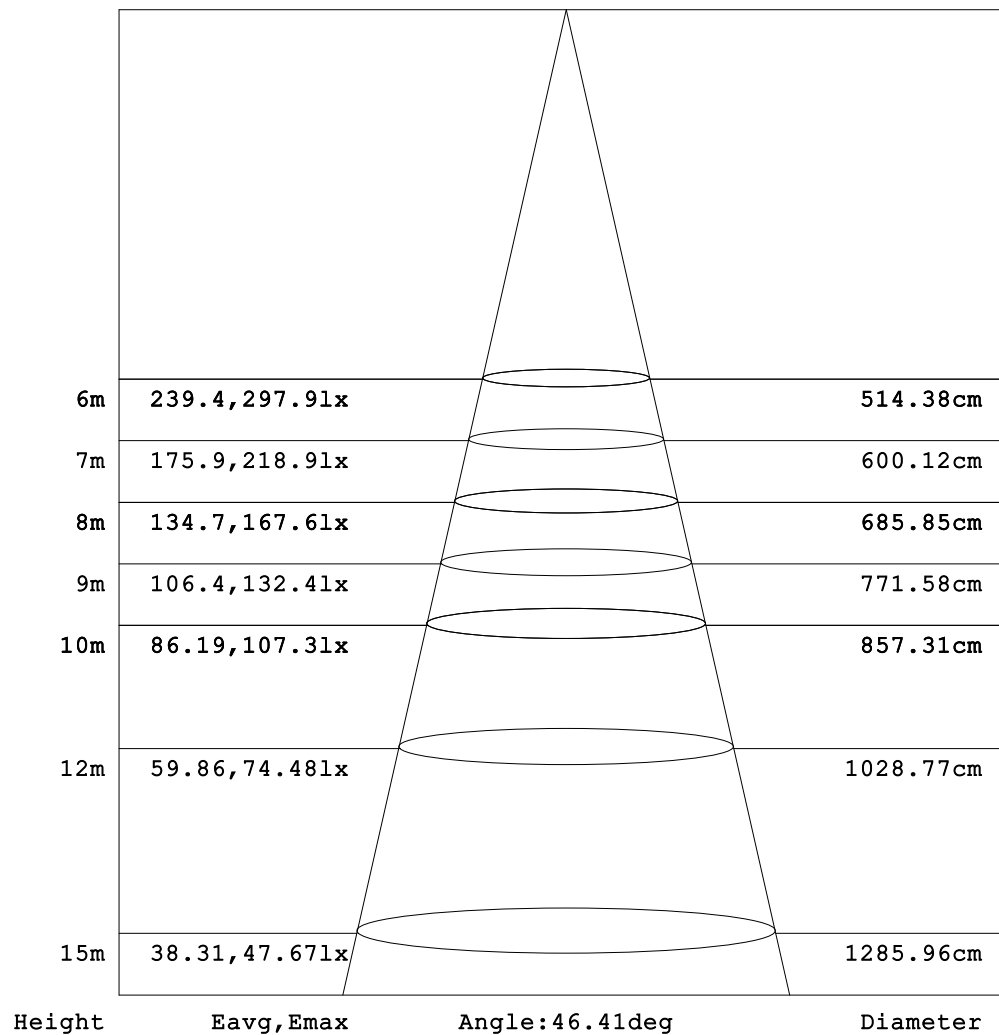
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:11 November 2019

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:219.88V I:1.8239A P:394.17W PF:0.9829 Freq:49.99Hz Lamp Flux:53946.9x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:400W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:5120 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:11 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:219.88V I:1.8239A P:394.17W PF:0.9829 Freq:49.99Hz Lamp Flux:53946.9x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:400W	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	1.08	1.70	4.96	8.61	11.9	16.2	20.7	23.5	26.4	29.2	31.2	33.5	36.2	39.1	41.0	40.9	40.7	42.4	42.6
-75	1.03	1.97	7.27	13.9	19.8	26.5	33.3	39.4	46.6	54.2	63.6	75.7	88.1	95.3	98.3	97.2	95.4	94.5	93.7
-70	1.03	3.13	12.6	21.6	30.2	39.6	48.4	58.0	69.9	82.4	100	123	144	153	156	153	150	146	145
-65	1.01	3.18	14.5	27.0	38.2	50.2	64.0	85.4	134	273	574	891	1090	1136	1079	999	930	880	858
-60	1.08	5.78	21.9	36.9	50.8	66.3	85.9	126	234	558	1185	1763	2079	2105	1971	1816	1687	1601	1570
-55	1.01	5.16	23.3	41.6	58.7	77.9	113	231	687	1285	1826	2200	2349	2341	2254	2156	2072	2014	1991
-50	1.19	9.47	32.8	53.2	73.3	99.8	165	447	1386	2238	2652	2729	2637	2548	2496	2460	2430	2411	2412
-45	1.03	7.78	33.7	57.0	79.8	119	282	907	1788	2401	2614	2586	2479	2393	2335	2291	2254	2232	2229
-40	1.33	14.4	44.5	69.8	96.5	167	560	1705	2506	2704	2592	2402	2282	2210	2154	2105	2068	2049	2049
-35	1.08	11.1	43.7	71.2	101	206	814	1932	2611	2712	2538	2332	2194	2095	2006	1928	1868	1834	1825
-30	1.44	20.4	54.2	83.1	123	366	1488	2542	2830	2675	2395	2196	2064	1943	1825	1724	1652	1613	1603
-25	1.13	16.5	52.6	83.1	128	433	1578	2572	2822	2629	2328	2111	1952	1806	1674	1568	1495	1452	1439
-20	1.60	28.0	63.8	94.7	173	829	2180	2811	2783	2460	2158	1958	1781	1614	1476	1376	1315	1283	1275
-15	1.19	21.6	59.9	92.6	163	761	2058	2711	2696	2365	2049	1844	1674	1514	1382	1286	1229	1195	1185
-10	1.70	31.4	70.3	104	238	1201	2330	2693	2506	2123	1847	1660	1500	1356	1244	1168	1124	1101	1095
-5	1.24	24.4	65.6	100	202	990	2094	2510	2359	1971	1698	1534	1391	1257	1151	1079	1037	1013	1005
0	1.78	34.1	76.1	112	302	1285	2137	2336	2074	1677	1476	1350	1226	1111	1025	969	937	920	916
5	1.11	25.5	69.5	105	219	978	1838	2116	1912	1538	1350	1240	1133	1030	949	895	863	845	839
10	2.22	34.5	78.9	115	288	1084	1748	1875	1593	1295	1175	1087	997	912	847	805	780	766	763
15	0.99	25.5	71.1	107	201	769	1450	1670	1478	1206	1087	1009	932	858	799	759	735	721	717
20	2.24	34.3	80.0	114	229	777	1320	1445	1226	1055	964	900	837	778	731	700	683	673	671
25	1.18	24.2	70.0	106	164	492	1020	1257	1162	1005	910	848	793	743	701	670	650	638	634
30	2.10	31.4	77.1	110	160	429	873	1081	1024	908	827	773	728	689	656	630	611	600	598
35	1.42	21.7	65.5	102	132	263	595	862	920	860	790	734	690	653	622	596	576	564	561
40	2.03	27.8	71.3	104	127	207	451	699	802	783	728	677	636	603	576	553	536	526	524
45	1.62	17.7	57.0	92.6	114	152	280	466	608	664	662	635	602	569	540	516	498	488	485
50	1.93	21.5	59.0	91.8	110	130	181	303	450	551	588	581	554	523	495	472	455	447	446
55	1.77	12.0	42.4	73.7	95.1	111	138	198	283	356	405	426	428	416	399	383	370	365	365
60	1.89	13.5	39.0	66.4	86.6	99.6	112	126	148	186	233	274	299	303	296	287	282	283	284
65	1.86	6.61	24.3	43.2	59.8	71.3	82.9	95.0	110	131	159	184	202	210	211	210	210	211	212
70	1.87	6.06	17.2	27.6	38.1	47.3	58.1	69.1	79.0	87.0	95.5	102	110	118	126	132	137	140	140
75	1.88	3.31	10.8	18.2	25.7	32.4	39.7	47.5	55.2	62.0	68.9	74.6	81.0	87.4	92.9	95.3	98.0	100.0	100
80	1.89	2.72	7.44	11.9	16.0	20.1	24.6	29.0	34.2	39.7	44.7	49.2	54.5	59.3	61.1	59.9	59.8	60.3	60.5
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:11 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:219.88V I:1.8239A P:394.17W PF:0.9829 Freq:49.99Hz Lamp Flux:53946.9x1 lm		
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SPEC.:400W	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	42.3	40.6	40.6	40.4	38.2	35.1	32.3	29.9	27.9	25.1	22.4	19.5	14.9	11.0	8.00	4.29	2.41	1.18	
-75	94.3	95.2	96.1	96.8	93.8	86.7	75.0	62.6	53.4	46.2	39.5	33.7	27.4	20.6	15.0	8.81	3.11	1.30	
-70	147	150	152	153	147	134	113	91.1	76.0	64.5	54.1	45.8	37.1	27.7	19.7	10.4	2.60	1.06	
-65	868	909	972	1047	1104	1073	894	589	291	138	86.9	64.4	51.0	38.7	28.1	16.7	5.00	1.31	
-60	1601	1690	1820	1969	2067	1964	1570	953	421	182	108	77.0	59.7	45.4	32.3	17.6	4.79	1.05	
-55	2007	2062	2145	2241	2327	2344	2208	1850	1324	746	260	117	78.5	58.2	42.4	25.7	7.85	1.33	
-50	2429	2464	2507	2552	2610	2700	2741	2552	2004	1074	311	133	87.7	64.6	46.1	26.2	6.63	1.16	
-45	2245	2279	2325	2376	2435	2513	2602	2615	2402	1837	974	309	120	79.1	57.0	35.6	11.1	1.38	
-40	2070	2110	2164	2223	2286	2364	2488	2638	2639	2275	1302	341	127	83.9	59.5	35.5	9.16	1.21	
-35	1844	1887	1954	2042	2139	2240	2365	2536	2674	2580	1985	919	232	101	70.8	45.8	16.3	1.55	
-30	1629	1687	1778	1898	2032	2161	2303	2506	2725	2745	2271	1099	237	103	72.3	45.2	13.1	1.12	
-25	1455	1500	1577	1692	1836	1991	2154	2354	2613	2777	2573	1698	514	130	82.1	54.5	22.5	1.72	
-20	1293	1339	1416	1538	1702	1884	2077	2299	2598	2808	2643	1788	505	124	81.2	52.0	17.4	1.19	
-15	1196	1230	1291	1391	1533	1704	1886	2092	2385	2680	2697	2130	901	179	90.9	61.5	27.4	1.82	
-10	1109	1142	1198	1293	1430	1595	1771	1985	2305	2623	2637	2066	822	165	88.7	58.2	22.5	1.24	
-5	1014	1040	1086	1161	1276	1421	1575	1746	2013	2381	2524	2163	1139	233	97.9	66.8	30.2	1.90	
0	927	953	997	1068	1177	1308	1441	1590	1867	2252	2364	1959	943	186	93.7	61.7	23.6	1.31	
5	846	866	902	959	1049	1161	1276	1395	1586	1953	2163	1917	1115	255	103	70.4	31.5	2.13	
10	771	791	826	881	963	1060	1155	1256	1424	1792	1947	1642	852	197	97.4	64.6	24.4	1.04	
15	723	737	767	810	877	957	1039	1125	1253	1527	1731	1531	889	230	104	71.9	31.5	2.29	
20	678	693	722	763	821	887	955	1033	1160	1388	1507	1227	593	163	97.8	64.2	23.3	1.25	
25	639	653	677	711	757	812	870	939	1044	1210	1315	1099	578	180	103	71.2	30.1	2.25	
30	605	620	644	676	715	759	810	879	984	1104	1095	799	339	135	96.5	62.5	22.1	1.41	
35	566	579	601	628	662	702	748	809	886	953	912	664	313	139	99.3	67.4	27.5	2.15	
40	531	546	567	594	625	662	708	767	821	811	663	389	177	116	91.3	56.4	19.1	1.67	
45	489	501	521	546	575	607	641	671	679	633	503	315	167	115	91.5	59.5	23.4	2.07	
50	450	463	484	509	538	566	587	583	530	417	272	168	124	103	81.0	47.4	14.8	1.92	
55	367	373	386	403	420	432	429	411	367	297	215	148	115	95.7	75.5	46.6	16.8	2.03	
60	285	287	295	305	309	299	268	227	180	146	125	111	96.3	81.7	59.3	33.3	8.66	2.02	
65	212	211	212	214	213	206	188	165	138	115	99.1	86.4	73.8	62.3	46.8	28.9	9.45	2.04	
70	139	135	129	123	115	108	101	93.7	85.3	77.5	67.4	56.7	46.7	37.5	27.2	16.9	4.86	2.09	
75	100	97.9	95.3	92.9	87.3	81.2	75.1	69.7	62.9	56.4	49.2	41.9	34.7	28.4	21.5	13.9	4.77	2.10	
80	60.1	59.7	60.5	60.8	57.4	52.2	47.5	43.0	38.0	32.6	28.0	24.1	20.2	16.5	13.0	6.61	2.72	2.10	
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:11 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: