

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	553.8 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	131.9V x 151.9H
	At 50% of Imax	45.9V x 137.8H
	At 90% of Imax	13.0V x 134.3H

Beam Flux	Total	999.4 lumens per klm.
	To 10% of Imax	965.2 lumens per klm.
	To 50% of Imax	581.4 lumens per klm.
	To 90% of Imax	88.4 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

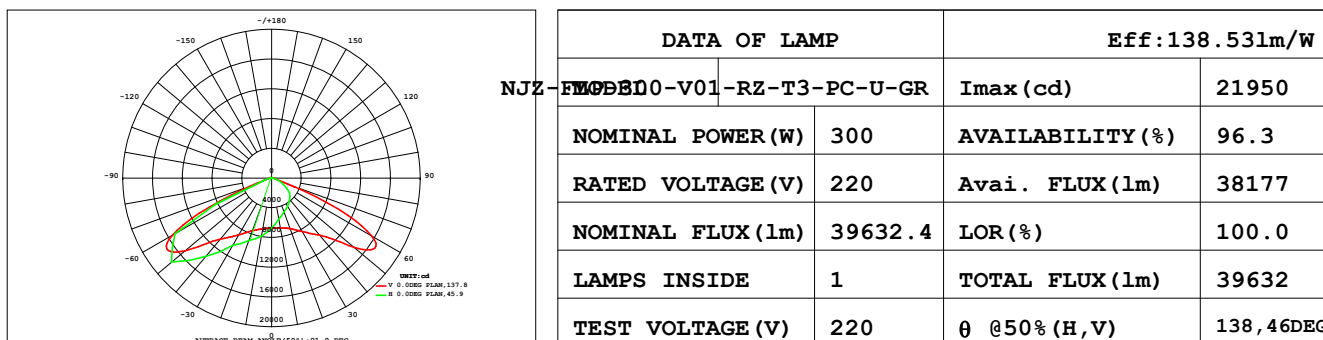
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:28 October 2019

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:220.06V I:1.3175A P:286.10W PF:0.9868 Freq:49.99Hz Lamp Flux:39632.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	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	0.10	0.76	2.38	4.99	8.75	15.7	23.3	25.3	25.1	25.4	26.2	24.9	17.1	9.30	5.25	2.63	0.93	0.12	218	0.00
70	0.17	1.52	4.58	11.6	61.3	178	229	217	205	207	223	235	178	61.3	11.8	4.63	1.63	0.20	1830	1592
60	0.27	2.41	7.59	49.7	254	512	588	561	540	544	569	593	503	247	49.1	7.61	2.44	0.30	5031	4983
50	0.38	3.34	15.3	165	451	507	486	494	500	501	497	490	504	439	159	15.1	3.27	0.41	5230	5196
40	0.49	4.25	39.3	296	434	398	381	371	366	369	379	393	410	434	285	37.7	4.05	0.50	4603	4577
30	0.60	5.00	82.4	346	393	351	324	300	290	293	309	338	367	402	342	77.4	4.78	0.60	4225	4205
	0.69	5.74	119	343	345	304	276	259	255	257	267	290	322	360	343	112	5.62	0.67	3864	3846
	0.75	6.79	130	307	287	254	235	225	223	225	231	246	269	304	312	126	6.56	0.73	3389	3373
	0.80	7.52	120	255	224	204	193	188	187	189	193	203	217	241	262	116	7.12	0.75	2810	2794
	0.79	7.21	95.1	202	177	168	162	159	158	160	163	169	177	187	207	92.1	6.95	0.76	2291	2273
	0.72	6.63	64.9	153	148	143	141	140	140	140	143	146	149	154	156	61.8	6.01	0.70	1895	1874
-30	0.58	5.87	36.0	111	128	126	125	124	123	124	127	129	130	131	111	34.2	5.42	0.59	1572	1544
-40	0.42	5.24	17.1	65.5	102	110	110	108	106	107	109	112	113	104	63.9	15.5	4.84	0.43	1254	1211
-50	0.28	4.11	9.58	26.2	59.0	78.9	83.8	82.3	81.1	81.3	83.1	85.3	79.9	58.6	24.9	9.03	3.92	0.29	852	709
-60	0.17	2.36	6.56	9.42	16.7	31.0	40.0	42.5	44.1	44.1	43.0	40.6	30.3	15.7	9.10	6.35	2.34	0.18	384	0.00
-70	0.07	0.73	2.46	5.12	7.56	9.42	13.0	16.7	19.0	19.1	16.8	12.9	9.51	7.68	5.31	2.67	0.82	0.09	149	0.00
-80	0.02	0.14	0.46	0.95	1.74	2.66	3.66	3.67	3.55	3.55	3.76	3.77	2.78	1.84	1.04	0.53	0.16	0.02	34.3	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	-10	0	10	20	30	40	50	60	70	80	90	
Φ t	7.28	69.6	753	2351	3100	3393	3415	3317	3266	3289	3383	3509	3477	3159	2348	720	66.9	7.34	39632	---
Φ a	0.00	0.00	667	2280	3042	3312	3310	3195	3135	3157	3263	3409	3394	3101	2276	634	0.00	0.00	---	38177

one-half-peak spread: U:32.1,D:14.7 , L:13.1,R:12.8

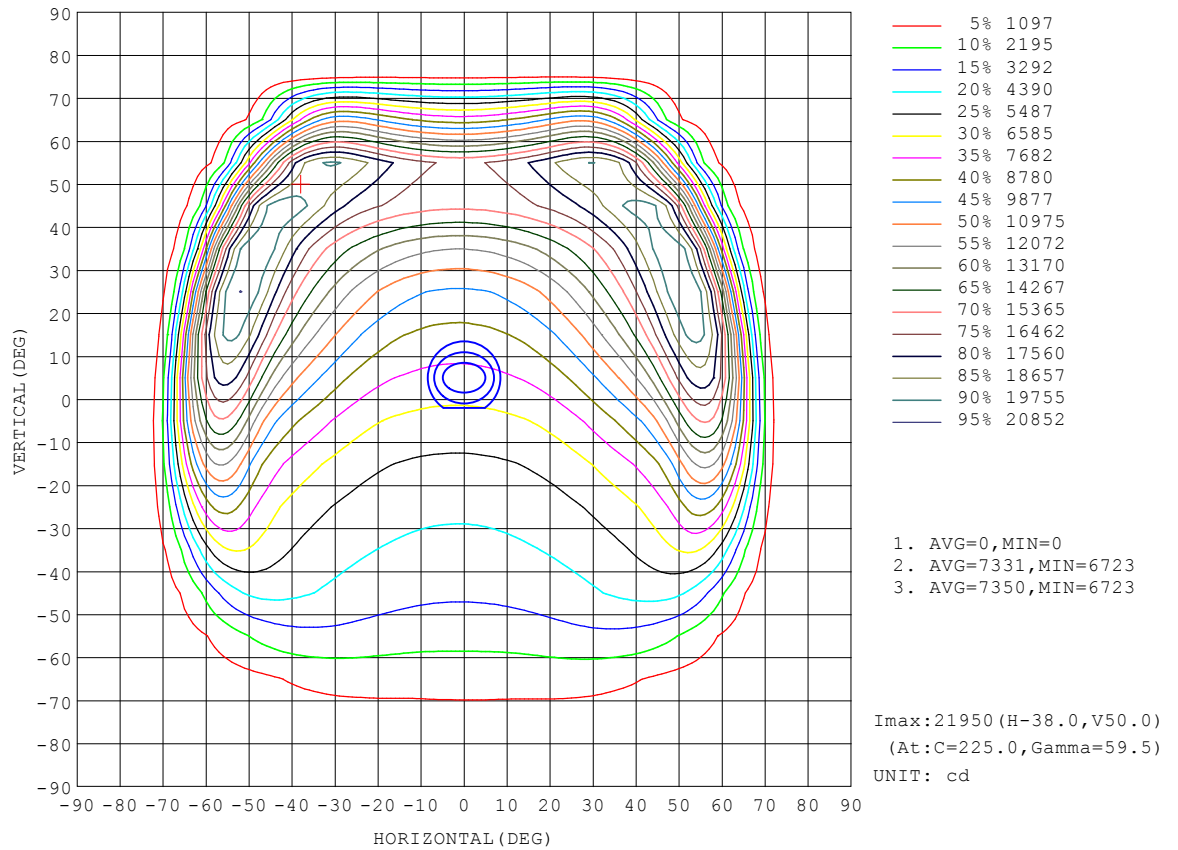
NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:28 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:220.06V I:1.3175A P:286.10W PF:0.9868 Freq:49.99Hz Lamp Flux:39632.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

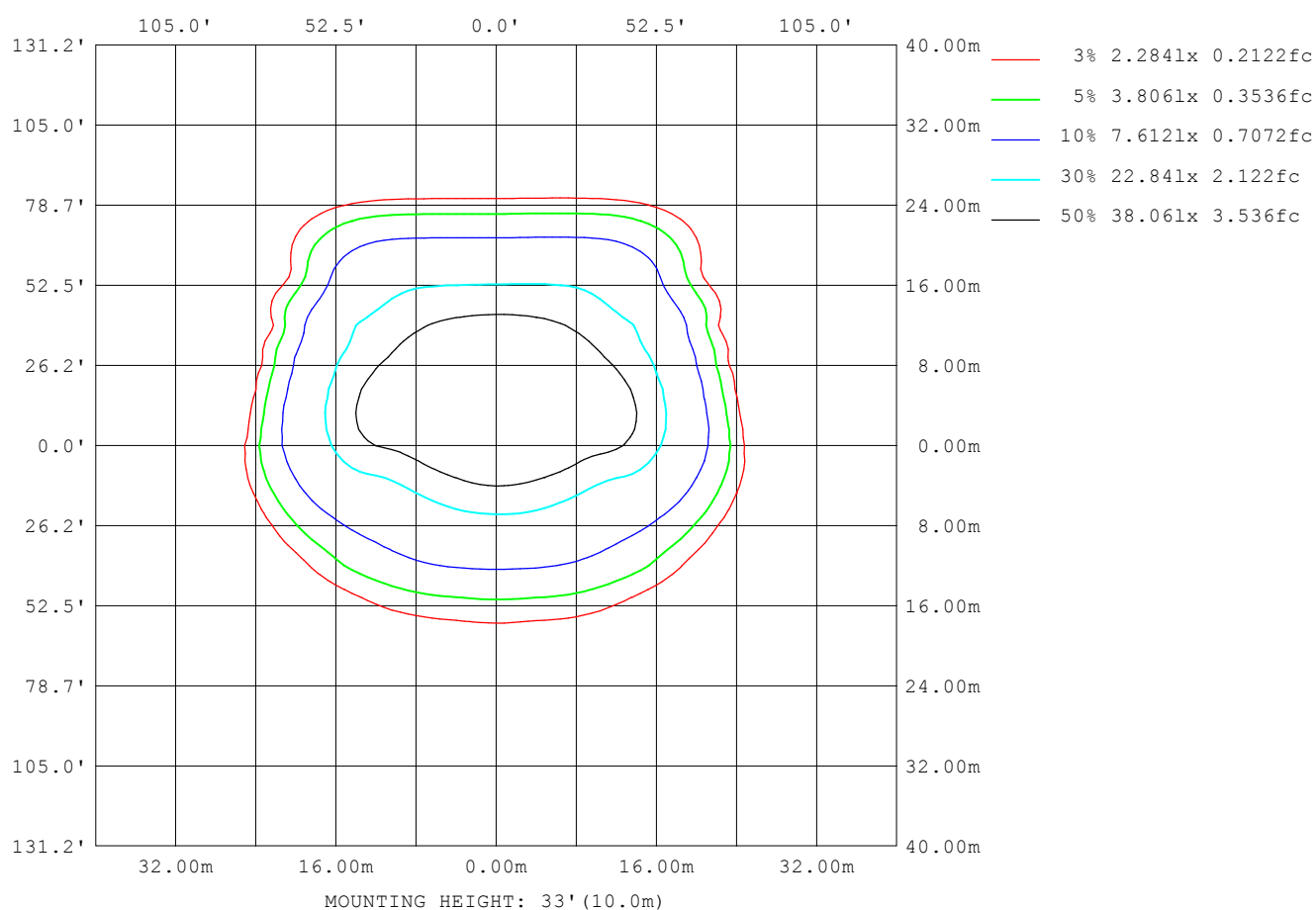


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:28 October 2019

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

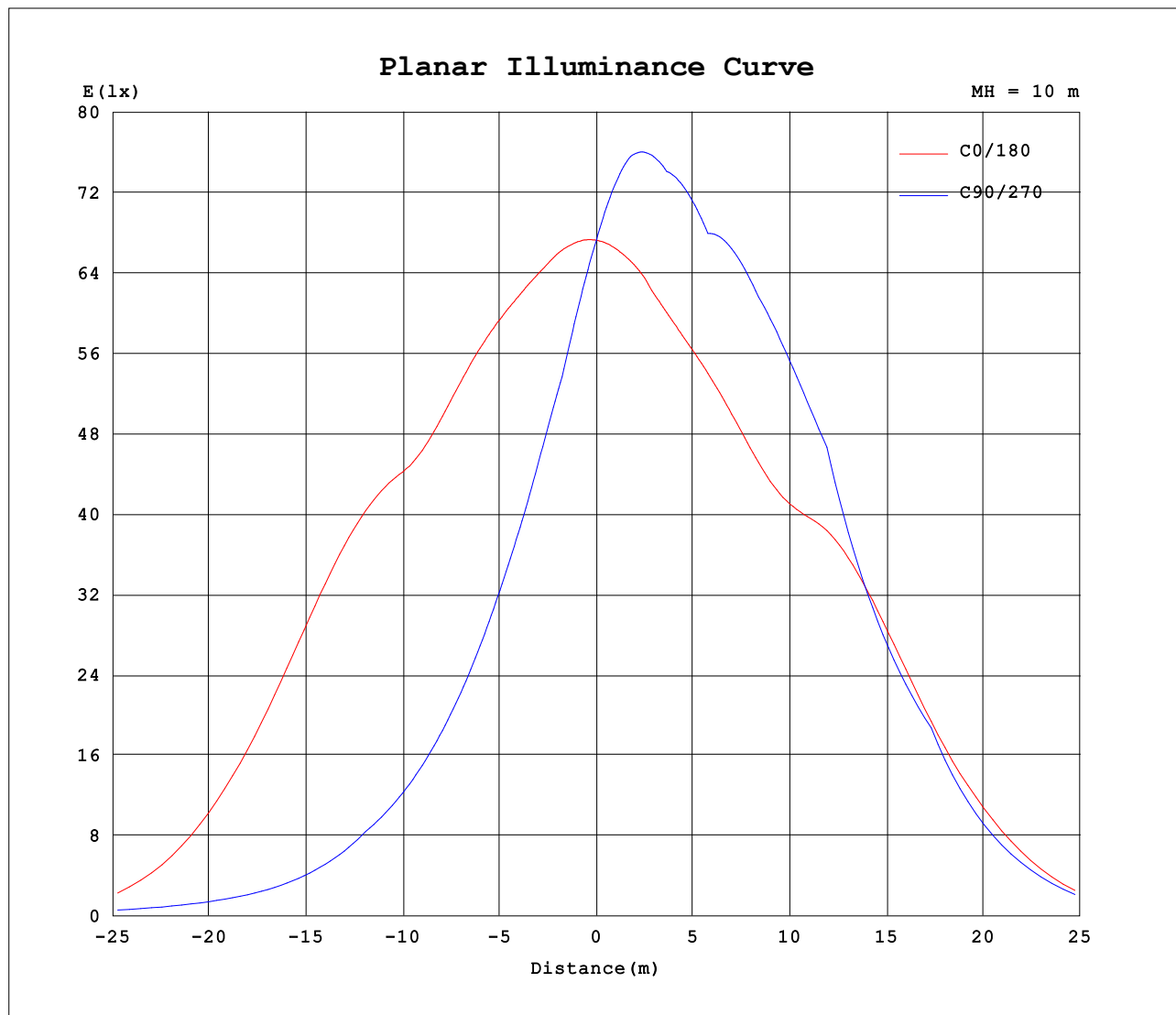
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SPEC.:300W	DIM.: N/A	SERIAL No.:N/A
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:28 October 2019

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



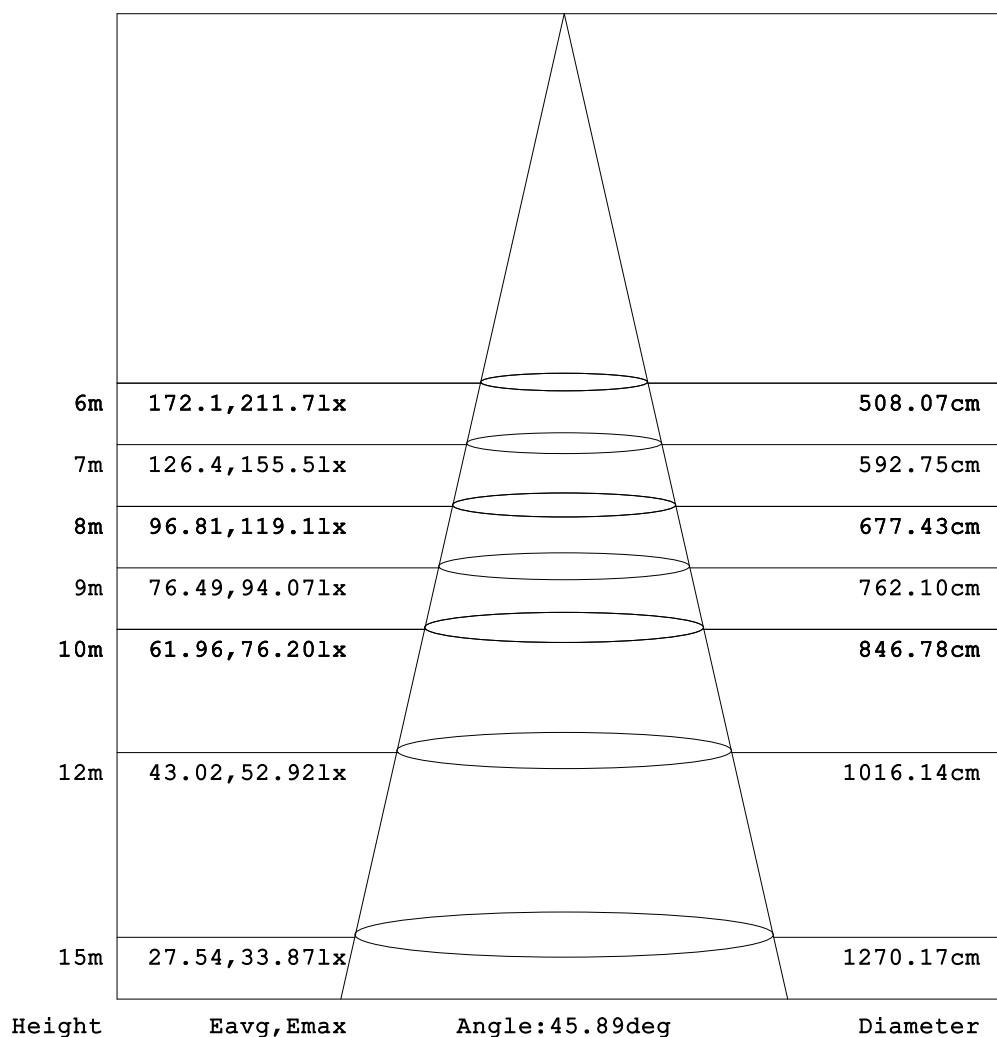
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:28 October 2019

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:220.06V I:1.3175A P:286.10W PF:0.9868 Freq:49.99Hz Lamp Flux:39632.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:3507 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:28 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:220.06V I:1.3175A P:286.10W PF:0.9868 Freq:49.99Hz Lamp Flux:39632.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	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	1.12	1.46	2.49	5.92	9.05	11.7	14.6	17.6	20.9	24.5	27.7	30.6	33.9	37.5	38.9	37.9	37.9	38.3	38.5
-75	1.15	1.97	4.63	10.7	16.5	21.1	26.0	31.2	36.4	41.0	45.6	49.2	53.8	58.5	62.6	64.1	66.3	68.1	68.5
-70	1.18	2.49	6.78	15.5	24.0	30.5	37.4	44.9	51.9	57.4	63.5	67.7	73.6	79.6	86.3	90.3	94.7	97.9	98.6
-65	1.23	3.45	12.0	28.1	41.0	49.3	57.6	66.0	79.1	97.1	118	134	145	148	148	147	147	148	149
-60	1.28	4.41	17.2	40.8	58.0	68.1	77.7	87.2	106	137	173	200	215	216	210	204	199	198	199
-55	1.32	5.69	22.7	50.9	67.5	79.7	107	162	220	265	292	302	301	292	281	270	263	259	259
-50	1.37	6.96	28.1	61.1	77.0	91.4	136	236	335	393	411	404	387	369	352	337	326	320	318
-45	1.39	7.98	34.2	65.9	83.4	127	247	378	453	472	461	440	418	398	381	367	356	349	348
-40	1.42	8.99	40.3	70.7	89.9	163	358	520	572	552	512	476	449	427	410	396	385	379	378
-35	1.24	9.81	44.7	73.0	102	257	510	654	651	598	546	507	478	455	437	423	413	406	405
-30	1.06	10.6	49.1	75.4	115	351	662	787	731	644	580	538	507	483	465	451	440	434	433
-25	1.05	13.3	50.3	76.5	149	479	820	919	806	694	624	578	543	515	493	478	468	462	461
-20	1.05	16.0	51.5	77.7	183	607	979	1050	880	745	669	619	579	546	522	506	495	490	489
-15	1.07	17.5	51.3	77.7	203	721	1132	1202	1003	826	738	679	631	591	563	544	533	527	526
-10	1.10	19.1	51.1	77.6	224	836	1285	1353	1126	907	806	739	683	637	604	583	570	563	563
-5	1.13	19.0	50.3	76.5	228	914	1419	1510	1286	1034	905	824	758	703	664	641	626	619	618
0	1.16	18.9	49.5	75.4	233	993	1552	1666	1446	1161	1004	909	832	769	724	698	683	674	673
5	1.39	18.1	47.6	73.0	204	968	1627	1801	1604	1314	1131	1014	922	848	796	763	744	734	732
10	1.63	17.3	45.7	70.7	175	943	1702	1936	1762	1467	1257	1119	1013	928	867	827	805	794	792
15	1.65	16.6	43.4	67.7	146	819	1677	2001	1880	1594	1368	1218	1100	1004	933	886	859	845	843
20	1.68	15.8	41.1	64.8	117	695	1652	2066	1999	1721	1480	1317	1187	1081	1000	945	913	896	893
25	1.70	14.4	38.0	60.6	100	508	1438	2007	2058	1829	1580	1410	1283	1178	1094	1033	995	974	970
30	1.71	13.0	34.9	56.5	83.6	321	1225	1947	2116	1936	1680	1503	1378	1276	1189	1121	1077	1052	1046
35	1.73	11.7	31.5	51.5	74.9	221	876	1696	2058	2011	1800	1613	1488	1399	1327	1271	1234	1214	1209
40	1.74	10.5	28.2	46.4	66.3	121	527	1444	1999	2086	1920	1723	1598	1521	1464	1421	1392	1376	1371
45	1.76	9.13	24.4	40.7	57.7	95.7	325	944	1645	2005	2049	1935	1803	1712	1654	1613	1585	1569	1564
50	1.77	7.79	20.7	35.0	49.1	70.3	122	444	1290	1925	2179	2148	2008	1902	1843	1804	1777	1762	1757
55	1.78	6.57	17.4	29.5	41.4	57.2	90.9	268	743	1259	1699	1936	1986	1918	1818	1733	1673	1638	1629
60	1.79	5.35	14.0	24.0	33.7	44.0	59.6	91.5	195	592	1219	1724	1963	1933	1794	1662	1569	1514	1500
65	1.80	4.32	10.9	18.7	26.6	35.0	46.0	65.3	122	326	648	917	1052	1045	978	910	860	830	822
70	1.81	3.29	7.82	13.4	19.5	26.0	32.3	39.1	48.4	59.7	77.2	110	142	158	162	158	152	146	144
75	1.81	2.66	5.15	9.06	13.2	17.8	22.6	27.3	33.2	40.1	49.8	67.3	84.5	93.7	96.6	94.2	91.3	89.1	88.3
80	1.82	2.03	2.49	4.75	6.92	9.53	12.8	15.5	18.0	20.4	22.4	24.7	27.4	29.7	31.1	30.9	30.8	32.2	32.4
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:28 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:220.06V I:1.3175A P:286.10W PF:0.9868 Freq:49.99Hz Lamp Flux:39632.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	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	38.3	38.2	38.5	39.7	38.2	34.6	31.3	28.3	25.2	21.5	18.5	15.7	12.8	9.98	6.46	3.16	2.00	1.09	
-75	68.4	66.9	64.8	63.2	59.0	54.1	49.4	45.6	41.0	36.7	31.8	27.0	22.1	17.5	11.4	5.38	2.65	1.12	
-70	98.5	95.6	91.0	86.7	79.8	73.6	67.5	62.9	56.9	51.8	45.2	38.3	31.5	25.1	16.4	7.60	3.30	1.14	
-65	149	148	149	151	150	145	133	116	94.2	76.5	64.2	56.0	47.9	40.0	28.4	12.3	4.32	1.19	
-60	199	200	206	215	220	217	198	169	132	101	83.3	73.8	64.3	55.0	40.5	17.0	5.35	1.24	
-55	260	264	273	286	298	306	305	293	263	215	155	100	74.7	63.0	48.6	22.7	6.55	1.28	
-50	321	328	341	357	376	396	413	418	395	329	226	127	85.0	71.0	56.8	28.4	7.75	1.33	
-45	351	359	372	387	407	428	451	472	479	454	369	233	115	76.6	60.6	34.8	8.29	1.35	
-40	381	390	402	418	437	460	489	525	564	579	513	338	145	82.1	64.4	41.2	8.83	1.38	
-35	409	418	431	447	467	493	523	563	613	663	655	495	238	94.3	66.5	43.5	9.65	1.34	
-30	437	446	459	476	498	525	558	600	662	747	797	653	332	107	68.7	45.9	10.5	1.31	
-25	465	474	488	507	533	565	604	651	721	835	935	812	452	132	69.6	46.6	14.0	1.23	
-20	493	502	517	537	567	606	651	703	779	923	1074	971	573	158	70.5	47.3	17.5	1.16	
-15	531	541	557	581	616	663	716	778	870	1062	1230	1129	689	185	70.8	47.4	18.2	1.18	
-10	568	579	597	625	665	719	782	853	960	1201	1385	1286	805	212	71.1	47.5	18.8	1.21	
-5	624	637	657	690	737	800	875	963	1106	1361	1542	1415	867	213	70.5	46.7	18.7	1.29	
0	680	694	717	754	809	881	968	1073	1251	1521	1698	1543	929	213	69.8	45.8	18.6	1.36	
5	740	757	783	827	890	974	1076	1204	1400	1668	1824	1613	912	201	67.4	44.6	18.2	1.47	
10	801	820	849	899	971	1066	1183	1334	1549	1815	1950	1684	895	189	65.0	43.4	17.9	1.58	
15	853	875	911	969	1052	1158	1286	1444	1668	1920	2001	1637	768	151	62.2	41.2	16.9	1.61	
20	904	931	972	1039	1132	1251	1389	1554	1786	2024	2053	1590	641	114	59.4	39.0	16.0	1.63	
25	983	1014	1062	1135	1229	1342	1474	1643	1872	2064	1982	1378	477	97.1	56.2	36.6	15.1	1.65	
30	1062	1097	1152	1230	1325	1432	1558	1733	1958	2105	1910	1165	313	80.5	53.1	34.2	14.2	1.67	
35	1222	1252	1298	1361	1439	1533	1656	1830	2009	2029	1640	828	217	71.7	48.9	31.1	12.8	1.68	
40	1382	1407	1444	1492	1553	1633	1753	1928	2061	1952	1370	491	121	62.8	44.7	28.1	11.4	1.70	
45	1574	1597	1630	1673	1731	1817	1932	2021	1961	1599	907	310	94.7	55.6	39.8	25.0	10.2	1.71	
50	1766	1787	1816	1854	1909	2001	2111	2115	1862	1246	445	130	68.1	48.5	35.0	21.9	8.95	1.72	
55	1647	1692	1757	1843	1934	1977	1904	1650	1227	723	268	94.6	56.1	41.2	29.9	18.7	7.65	1.73	
60	1529	1597	1699	1833	1958	1953	1697	1185	593	200	91.4	59.0	44.1	34.0	24.8	15.4	6.34	1.75	
65	839	876	932	1003	1065	1055	910	636	328	125	65.8	46.0	35.4	27.5	20.0	12.4	5.15	1.76	
70	148	156	165	173	172	157	123	86.2	63.7	50.6	40.2	33.0	26.8	21.0	15.2	9.35	3.96	1.77	
75	90.2	93.6	98.1	102	101	92.6	74.1	54.7	42.5	34.8	28.4	23.7	19.1	15.0	10.9	6.42	3.14	1.78	
80	32.2	31.2	31.7	31.8	30.4	27.9	25.4	23.2	21.3	19.0	16.6	14.4	11.5	8.94	6.63	3.50	2.33	1.79	
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:28 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: