

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	530.4 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	128.0V x 130.2H
	At 50% of Imax	85.2V x 85.3H
	At 90% of Imax	49.7V x 48.0H

Beam Flux	Total	999.1 lumens per klm.
	To 10% of Imax	937.3 lumens per klm.
	To 50% of Imax	701.7 lumens per klm.
	To 90% of Imax	276.2 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

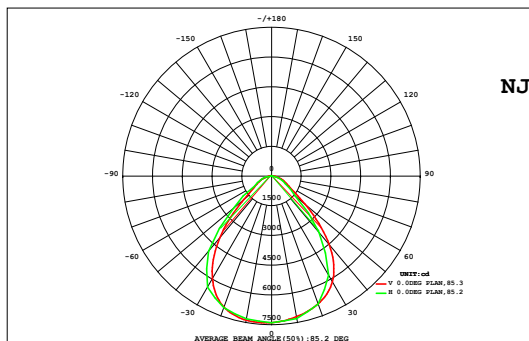
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

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:220.12V I:0.4337A P:93.943W PF:0.9840 Freq:49.99Hz Lamp Flux:13976.4x1 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



DATA OF LAMP		Eff:148.77lm/W	
NJZ-LED10-V01-RZ-90-PC-U-GR		Imax(cd)	7413
NOMINAL POWER(W)	100	AVAILABILITY(%)	93.7
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	13092
NOMINAL FLUX(lm)	13976.4	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	13976
TEST VOLTAGE(V)	220	θ @50%(H,V)	85,85DEG

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	0.07	0.80	2.52	4.84	7.45	10.1	12.4	14.1	15.0	15.0	14.1	12.5	10.0	7.30	4.57	2.23	0.61	0.04	134	0.00
70	0.13	1.44	4.12	7.56	11.4	15.5	19.4	22.2	23.6	23.6	22.2	19.5	15.6	11.5	7.52	3.98	1.27	0.09	211	75.4
60	0.22	2.05	5.67	10.5	16.5	23.9	33.0	42.5	48.4	48.1	41.8	32.4	23.6	16.5	10.6	5.72	1.95	0.16	363	313
50	0.28	2.52	6.90	13.2	22.8	40.1	66.5	92.7	108	107	89.9	63.5	38.4	22.3	13.3	7.01	2.45	0.23	697	666
40	0.34	2.90	7.98	16.1	33.3	72.0	121	158	175	175	155	116	67.6	31.7	16.0	8.07	2.82	0.28	1159	1137
30	0.38	3.17	8.86	19.4	49.3	107	160	192	207	208	192	156	101	46.0	18.8	8.94	3.11	0.33	1481	1463
	0.41	3.37	9.53	22.6	64.2	127	176	203	217	219	207	175	122	59.5	21.4	9.53	3.28	0.35	1641	1625
	0.42	3.44	9.82	24.5	70.7	134	180	206	221	224	213	183	130	66.2	23.0	9.81	3.36	0.36	1703	1688
	0.42	3.43	9.75	24.1	68.4	131	178	205	221	223	212	181	127	63.8	22.4	9.70	3.32	0.36	1684	1668
	0.40	3.29	9.26	21.4	57.9	117	167	198	213	216	202	168	113	53.6	20.2	9.27	3.20	0.34	1572	1555
	0.35	3.05	8.52	18.0	42.5	91.2	141	175	192	193	176	139	86.1	38.5	17.3	8.53	2.96	0.30	1333	1313
-30	0.26	2.63	7.53	14.8	27.8	56.8	96.3	129	145	145	127	92.0	52.5	25.9	14.6	7.59	2.64	0.26	947	922
-40	0.27	2.14	6.35	12.1	19.4	30.3	48.5	67.7	78.9	77.8	64.6	45.0	28.1	18.9	12.1	6.42	2.19	0.20	521	485
-50	0.19	1.75	4.95	9.31	14.3	19.3	23.5	27.3	29.9	29.5	26.6	23.0	19.1	14.3	9.38	5.02	1.66	0.13	259	172
-60	0.12	1.21	3.36	6.33	9.58	12.9	15.7	17.3	17.9	17.9	17.5	15.8	12.9	9.55	6.25	3.24	0.99	0.06	168	9.06
-70	0.05	0.54	1.60	3.19	5.05	6.82	8.38	9.51	10.2	10.2	9.49	8.33	6.66	4.83	2.89	1.36	0.35	0.02	89.5	0.00
-80	0.01	0.07	0.25	0.53	0.86	1.17	1.53	1.85	2.08	2.00	1.70	1.33	0.93	0.62	0.31	0.10	0.01	0.00	15.4	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	4.32	37.8	107	228	521	995	1448	1761	1925	1933	1771	1431	955	491	221	107	36.2	3.51	13976	---
Φ a	0.00	0.00	27.7	170	468	943	1396	1709	1871	1878	1718	1380	903	438	163	28.0	0.00	0.00	---	13092

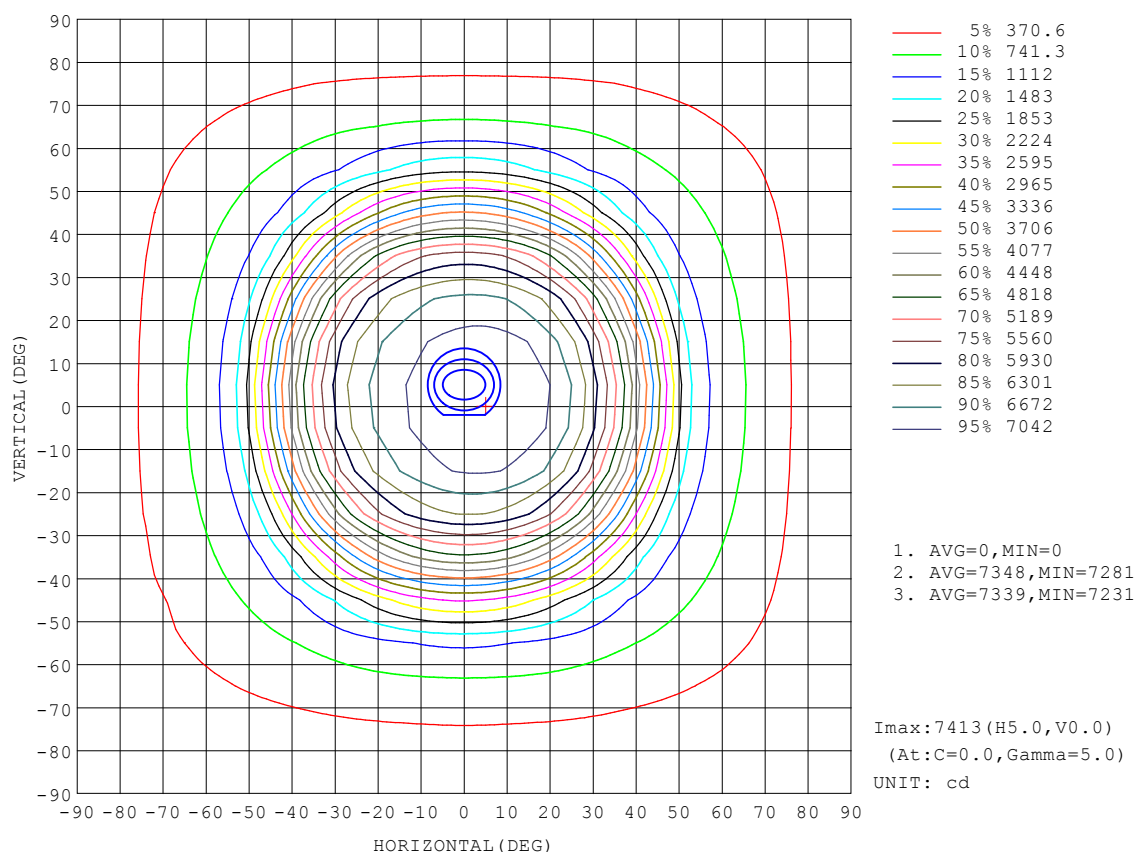
one-half-peak spread: U:40.3,D:45.3 , L:48.8,R:36.8 Beam Type: Type 7 x 6 (H x V)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 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:220.12V I:0.4337A P:93.943W PF:0.9840 Freq:49.99Hz Lamp Flux:13976.4x1 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

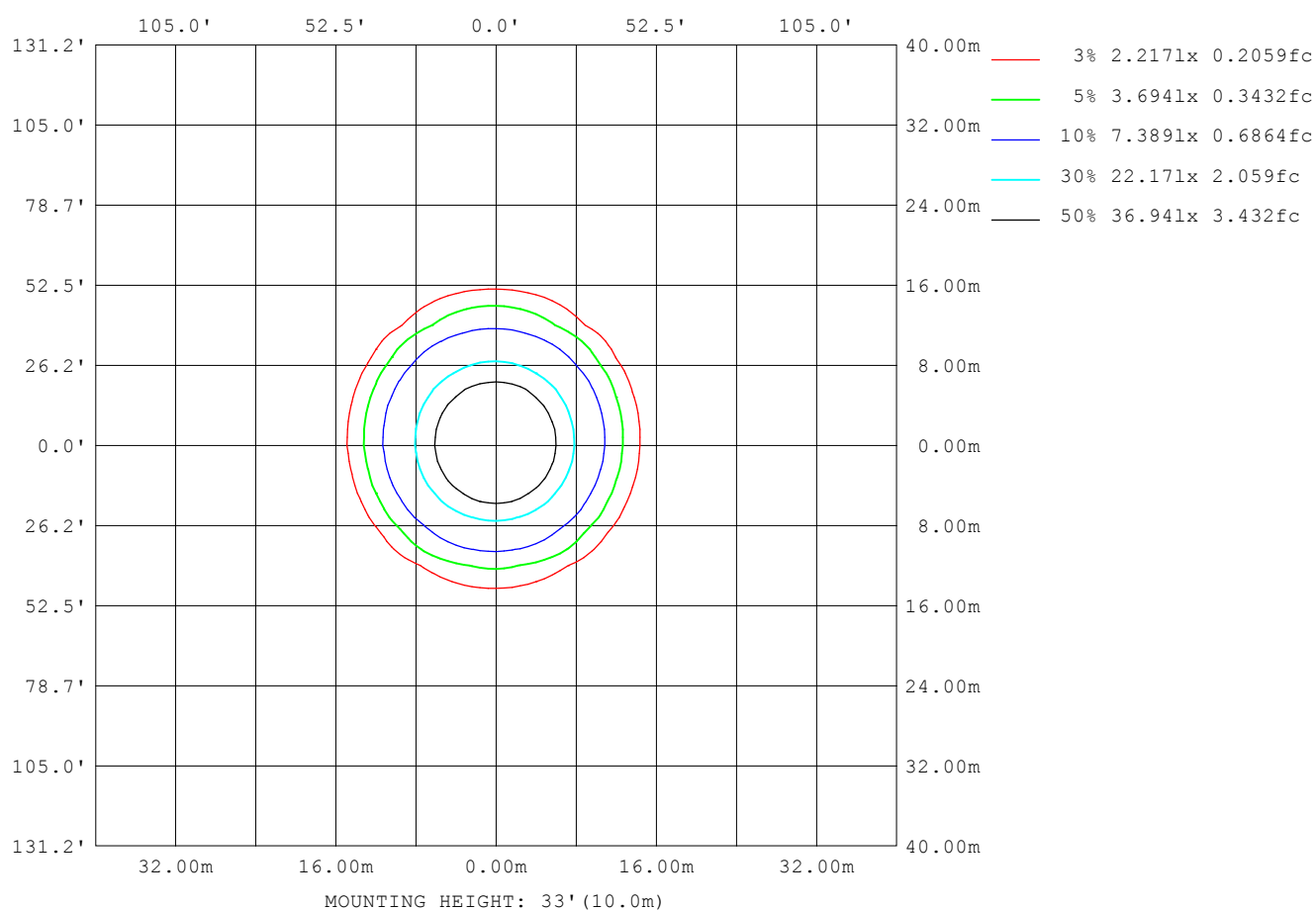


H(β) Range:-90 - 90DEG
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 Test Speed: HIGH
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V(B) Range:-80 - 80DEG
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 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:6.010m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

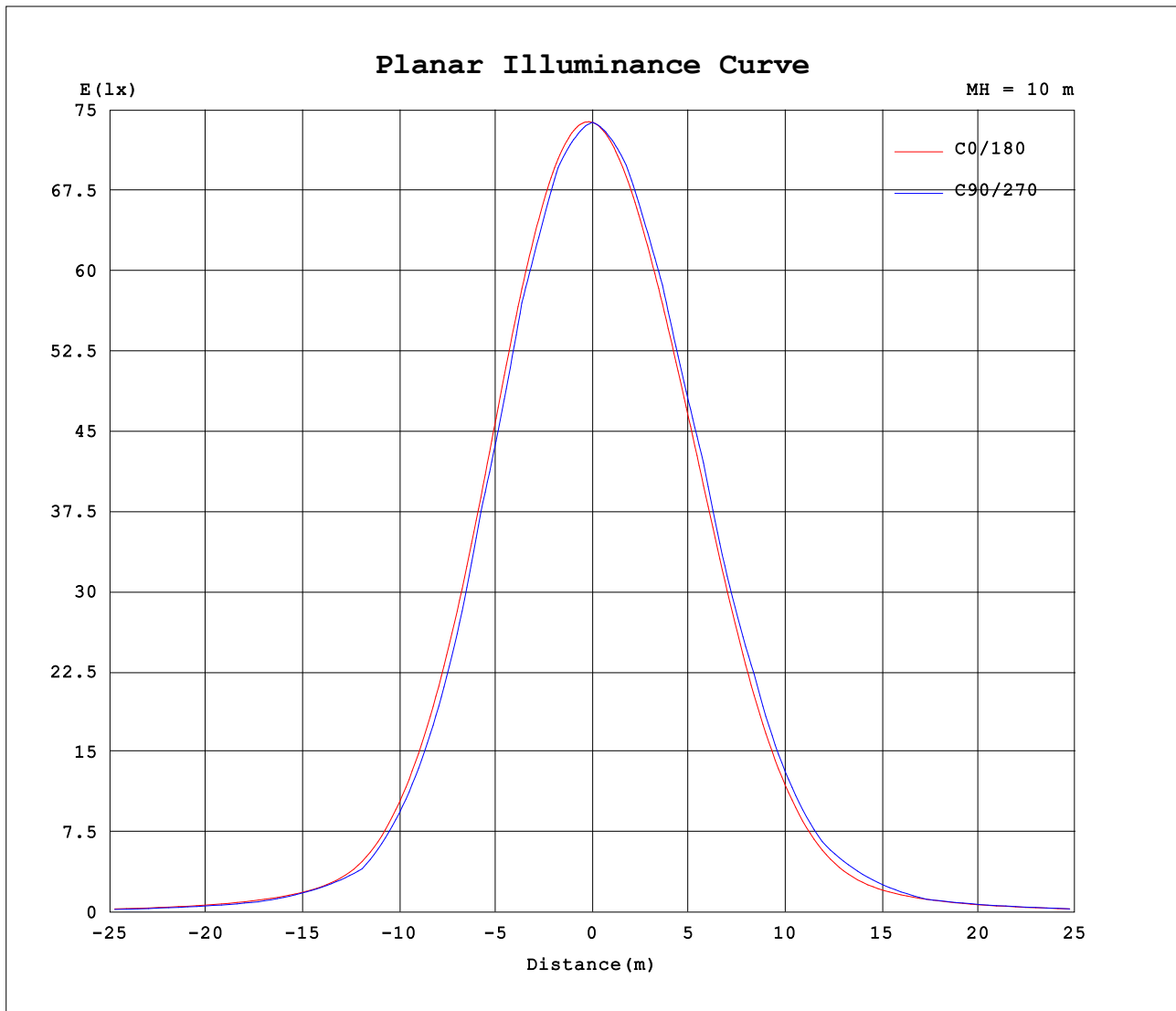
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SPEC.:100W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 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



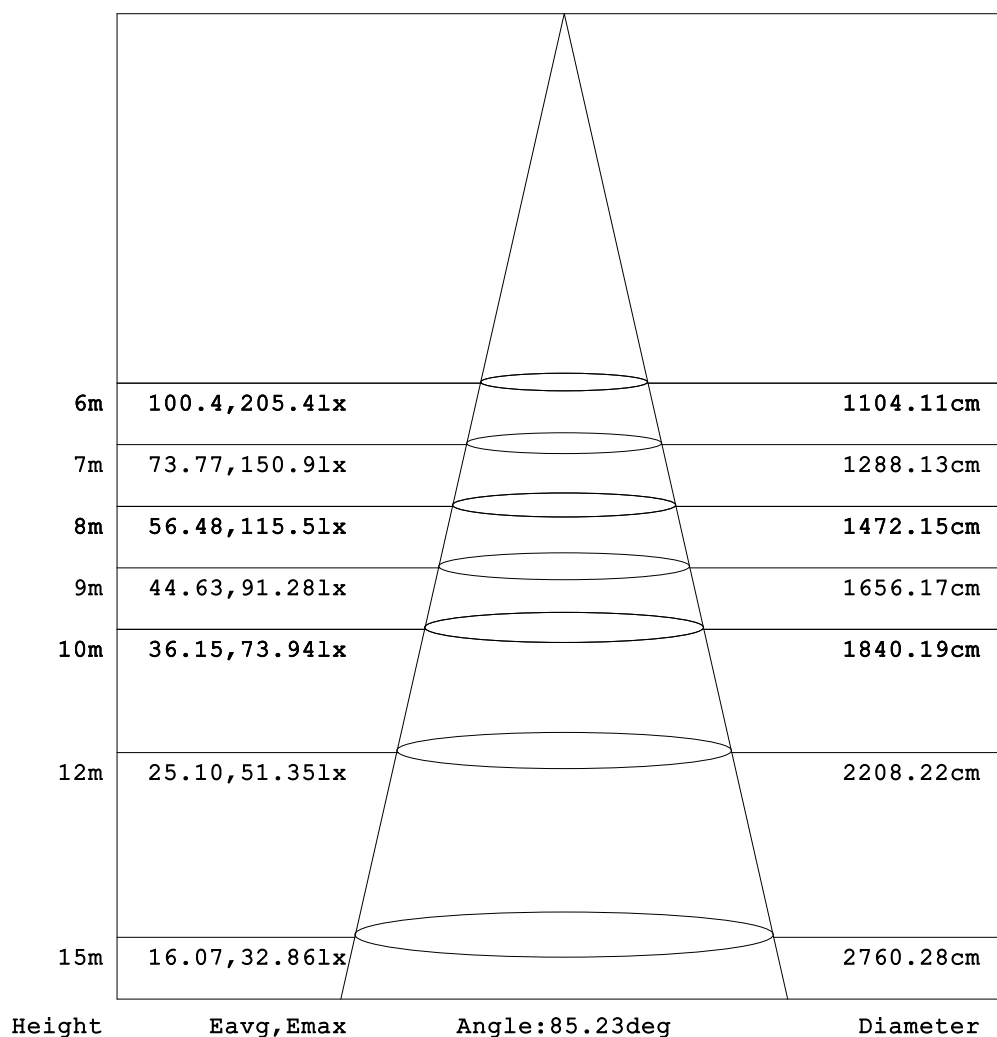
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:17 October 2019

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:220.12V I:0.4337A P:93.943W PF:0.9840 Freq:49.99Hz Lamp Flux:13976.4x1 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:9875 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:17 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:220.12V I:0.4337A P:93.943W PF:0.9840 Freq:49.99Hz Lamp Flux:13976.4x1 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	1.96	5.33	15.2	32.1	50.2	66.6	82.4	100	117	131	141	153	166	176	185	193	201	206	208
-75	1.80	7.18	31.5	62.0	93.8	122	148	179	209	232	252	272	291	306	318	328	336	343	346
-70	2.07	16.9	59.8	104	149	188	225	271	311	342	371	399	422	441	455	466	475	482	485
-65	1.80	16.9	73.7	136	196	245	303	353	400	441	481	519	554	584	607	622	633	640	643
-60	2.18	38.4	112	194	262	325	400	454	506	557	606	655	699	737	765	783	793	799	802
-55	1.82	31.5	117	210	275	371	452	522	589	658	728	799	872	945	1015	1078	1129	1162	1172
-50	2.32	59.9	157	262	313	449	532	616	700	786	878	973	1075	1182	1292	1396	1481	1533	1542
-45	1.88	48.9	155	221	359	478	575	674	780	900	1049	1249	1505	1788	2065	2304	2484	2595	2630
-40	2.58	82.7	197	263	441	546	656	772	905	1068	1289	1620	2046	2510	2941	3294	3543	3684	3714
-35	1.97	65.7	145	270	449	563	685	822	993	1244	1643	2184	2787	3369	3867	4253	4523	4684	4742
-30	2.76	99.2	159	372	501	626	765	933	1164	1554	2194	2986	3770	4445	4966	5338	5584	5723	5767
-25	2.31	79.2	170	358	501	633	783	975	1271	1811	2605	3494	4318	4994	5499	5858	6101	6250	6316
-20	2.98	114	250	411	551	695	869	1112	1552	2354	3367	4349	5164	5772	6196	6492	6692	6818	6870
-15	2.80	88.8	228	385	538	686	865	1123	1606	2484	3554	4563	5381	5976	6385	6669	6869	7003	7075
-10	3.25	121	261	433	581	741	947	1274	1956	3033	4163	5140	5870	6369	6704	6938	7108	7227	7294
-5	3.14	94.0	238	401	560	717	919	1233	1890	2969	4125	5130	5887	6395	6728	6959	7128	7253	7331
0	3.53	127	269	447	599	765	991	1377	2205	3378	4522	5467	6144	6577	6857	7055	7205	7318	7389
5	3.39	95.1	240	404	565	724	931	1261	1962	3084	4254	5254	5996	6479	6783	6992	7147	7265	7342
10	3.87	124	265	441	592	756	975	1340	2122	3274	4421	5382	6079	6525	6804	6999	7142	7249	7315
15	3.55	92.1	235	392	552	704	897	1189	1779	2791	3935	4955	5744	6281	6620	6847	7004	7115	7184
20	4.18	120	257	424	570	721	914	1204	1780	2771	3886	4884	5663	6199	6541	6768	6916	7016	7069
25	3.71	83.4	222	368	522	660	826	1053	1446	2170	3151	4150	5007	5657	6102	6401	6592	6710	6767
30	4.42	107	238	387	527	660	815	1020	1339	1939	2826	3787	4645	5323	5802	6126	6326	6437	6474
35	3.90	72.4	201	335	476	597	731	895	1121	1500	2106	2865	3643	4332	4874	5267	5525	5670	5721
40	4.59	92.2	213	346	473	585	707	846	1021	1267	1671	2259	2935	3584	4125	4532	4798	4937	4966
45	4.08	57.6	173	292	416	519	625	739	873	1043	1290	1644	2074	2525	2944	3291	3543	3691	3735
50	4.70	71.4	177	291	401	493	587	683	785	901	1033	1192	1394	1644	1915	2167	2363	2478	2498
55	4.23	37.3	136	237	340	426	506	587	670	758	853	961	1088	1236	1394	1542	1659	1732	1753
60	4.70	47.2	133	226	315	390	459	524	589	652	714	778	838	891	935	969	992	1003	1005
65	4.32	19.9	91.7	168	245	313	369	427	480	528	576	625	672	712	745	770	786	796	799
70	4.68	21.3	79.3	143	204	258	302	353	390	423	458	492	522	548	566	579	586	591	593
75	4.37	9.60	45.5	90.1	137	180	217	255	287	315	342	369	393	413	428	440	447	452	454
80	4.56	8.74	28.1	57.2	87.4	117	147	171	196	219	238	256	271	285	295	304	311	315	315
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:17 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:220.12V I:0.4337A P:93.943W PF:0.9840 Freq:49.99Hz Lamp Flux:13976.4x1 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	203	195	187	178	167	153	139	128	114	97.9	80.9	62.8	44.7	27.7	12.4	5.21	2.70	1.69	
-75	343	337	329	319	307	290	270	249	228	202	171	143	112	78.7	48.4	22.4	4.84	1.87	
-70	482	475	467	457	441	420	393	363	332	295	249	213	165	117	73.2	30.8	4.57	1.70	
-65	642	637	628	614	592	563	527	489	449	406	358	310	252	192	125	62.5	13.0	1.91	
-60	800	795	784	764	733	693	647	600	549	499	447	386	314	241	151	71.7	10.2	1.73	
-55	1158	1123	1072	1012	946	878	809	741	673	608	542	470	391	309	208	110	29.0	1.96	
-50	1504	1432	1337	1233	1132	1035	943	854	770	691	608	523	436	340	223	114	22.1	1.79	
-45	2585	2464	2275	2033	1761	1485	1238	1050	912	800	699	601	502	402	276	153	47.7	2.03	
-40	3630	3430	3124	2727	2279	1830	1448	1185	1006	868	750	639	529	418	277	149	34.9	1.87	
-35	4693	4530	4251	3853	3343	2760	2165	1638	1244	1008	847	715	593	475	330	189	65.7	2.14	
-30	5710	5537	5240	4790	4182	3450	2656	1909	1367	1077	889	741	609	483	321	180	49.0	1.98	
-25	6293	6172	5941	5571	5028	4315	3482	2600	1806	1274	997	814	666	531	370	216	80.9	2.27	
-20	6845	6734	6520	6163	5613	4865	3956	2950	1983	1331	1023	824	667	527	347	200	58.5	2.13	
-15	7081	7012	6851	6570	6107	5434	4574	3565	2503	1610	1140	897	720	571	401	235	91.6	2.40	
-10	7303	7242	7093	6823	6365	5688	4807	3756	2617	1640	1142	891	711	559	368	216	66.0	2.24	
-5	7359	7326	7212	6989	6595	5981	5156	4140	2996	1896	1245	950	753	595	420	245	97.5	2.52	
0	7413	7379	7262	7030	6615	5977	5125	4083	2908	1803	1201	920	727	571	374	220	67.6	2.38	
5	7373	7348	7249	7041	6666	6073	5264	4256	3104	1966	1269	961	759	600	425	247	98.6	2.64	
10	7334	7292	7172	6935	6517	5880	5030	3988	2821	1752	1181	911	723	568	376	220	67.5	2.47	
15	7202	7156	7031	6792	6381	5758	4928	3914	2793	1770	1198	927	739	585	414	241	95.0	2.78	
20	7063	6985	6816	6516	6031	5338	4447	3404	2316	1475	1082	859	690	544	359	209	61.4	2.59	
25	6757	6664	6475	6152	5652	4960	4100	3121	2153	1430	1066	855	694	553	389	227	86.5	2.94	
30	6427	6286	6029	5618	5026	4265	3374	2439	1647	1191	953	782	639	507	340	193	54.0	2.71	
35	5676	5525	5252	4837	4271	3578	2818	2078	1487	1122	915	763	629	504	354	205	73.1	3.09	
40	4882	4675	4334	3852	3256	2595	1955	1450	1146	956	810	688	567	450	301	165	40.9	2.87	
45	3676	3513	3247	2889	2468	2025	1611	1270	1041	886	764	654	545	438	305	173	55.4	3.24	
50	2422	2260	2030	1765	1503	1283	1115	980	866	765	671	576	481	380	252	133	25.5	3.02	
55	1722	1642	1520	1373	1219	1077	959	859	771	689	610	528	444	353	242	131	35.4	3.37	
60	998	981	955	918	873	819	761	702	643	581	516	447	372	286	185	90.0	12.5	3.19	
65	796	786	771	748	717	679	634	586	539	490	436	374	315	240	160	81.6	17.3	3.49	
70	591	586	579	567	548	521	488	451	416	379	329	278	230	165	102	43.8	6.25	3.39	
75	453	448	442	432	417	397	373	344	316	285	248	208	169	121	74.3	34.4	7.51	3.61	
80	313	308	300	292	279	264	246	226	204	177	150	122	90.1	59.2	29.1	10.7	4.42	3.58	
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:17 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: