

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	354.2 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	152.7V x 152.0H
	At 50% of Imax	114.3V x 115.7H
	At 90% of Imax	54.4V x 55.5H

Beam Flux	Total	998.6 lumens per klm.
	To 10% of Imax	984.6 lumens per klm.
	To 50% of Imax	790.9 lumens per klm.
	To 90% of Imax	235.7 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

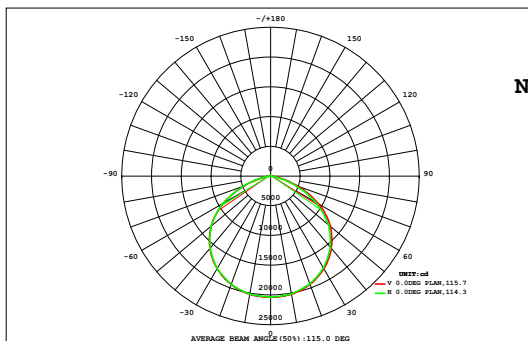
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:29 October 2019

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:1.7858A P:374.27W PF:0.9521 Freq:49.99Hz Lamp Flux:57516.2x1 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



DATA OF LAMP		Eff:153.67lm/W	
NJZ-MOHE100-V01-RZ-120-TG-BL		Imax(cd)	20375
NOMINAL POWER(W)	400	AVAILABILITY(%)	98.7
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	56758
NOMINAL FLUX(lm)	57516.2	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	57516
TEST VOLTAGE(V)	220	θ @50% (H,V)	116,114DEG

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	0.69	3.51	11.0	23.6	39.7	56.1	68.9	75.9	75.9	69.1	56.3	40.0	24.0	11.3	3.70	0.76	0.09	561	359
70	0.11	2.07	12.4	37.1	74.6	118	159	190	208	208	191	160	119	75.2	37.6	12.7	2.14	0.13	1607	1548
60	0.19	4.97	28.0	75.5	140	210	272	317	341	342	317	272	210	141	76.1	28.2	5.02	0.21	2780	2751
50	0.33	8.89	45.8	114	201	287	360	413	441	441	414	361	287	201	115	46.1	8.90	0.34	3746	3728
40	0.50	13.2	62.8	148	248	343	424	482	513	513	483	425	343	248	148	62.8	13.1	0.50	4471	4458
30	0.66	17.0	76.5	173	280	383	470	533	566	567	534	471	384	282	173	76.5	16.9	0.66	5005	4994
	0.81	19.9	86.1	190	302	409	500	566	600	600	566	501	410	302	189	85.6	19.6	0.77	5347	5337
	0.87	21.3	90.6	197	312	422	515	581	614	615	582	516	423	313	197	90.6	21.1	0.85	5511	5502
	0.87	21.3	90.6	197	312	421	514	580	613	614	581	515	422	312	196	90.0	20.9	0.85	5502	5494
	0.79	19.6	85.0	188	300	408	499	564	598	598	564	500	409	301	188	85.1	19.4	0.77	5325	5316
-30	0.66	16.7	75.4	171	278	380	467	530	563	563	531	468	381	278	170	74.7	16.3	0.62	4965	4955
-40	0.48	12.8	61.3	145	243	339	420	478	508	508	478	420	339	244	145	60.8	12.5	0.46	4414	4401
-50	0.30	8.64	44.4	111	195	280	352	404	431	431	404	351	279	194	109	43.3	8.22	0.28	3647	3628
-60	0.15	4.57	26.1	71.0	133	200	260	304	327	327	304	260	200	133	70.5	25.7	4.50	0.16	2650	2620
-70	0.07	1.86	11.4	34.6	69.7	111	150	180	197	197	180	150	110	68.9	33.7	11.0	1.81	0.08	1508	1444
-80	0.04	0.41	2.32	8.10	18.8	32.8	47.4	59.2	65.7	65.6	58.9	46.9	32.5	18.5	7.97	2.32	0.48	0.05	468	225
-90	0.02	0.03	0.06	0.13	0.28	0.51	0.78	1.09	1.27	1.27	1.08	0.77	0.50	0.28	0.13	0.07	0.06	0.02	8.34	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	6.91	174	802	1869	3131	4384	5468	6251	6664	6666	6257	5473	4388	3135	1868	799	172	6.85	57516	---
Φ a	0.00	107	751	1822	3088	4347	5428	6209	6622	6624	6215	5434	4351	3092	1819	747	104	0.00	---	56758

one-half-peak spread: U:56.7,D:58.1 , L:58.2,R:58.0

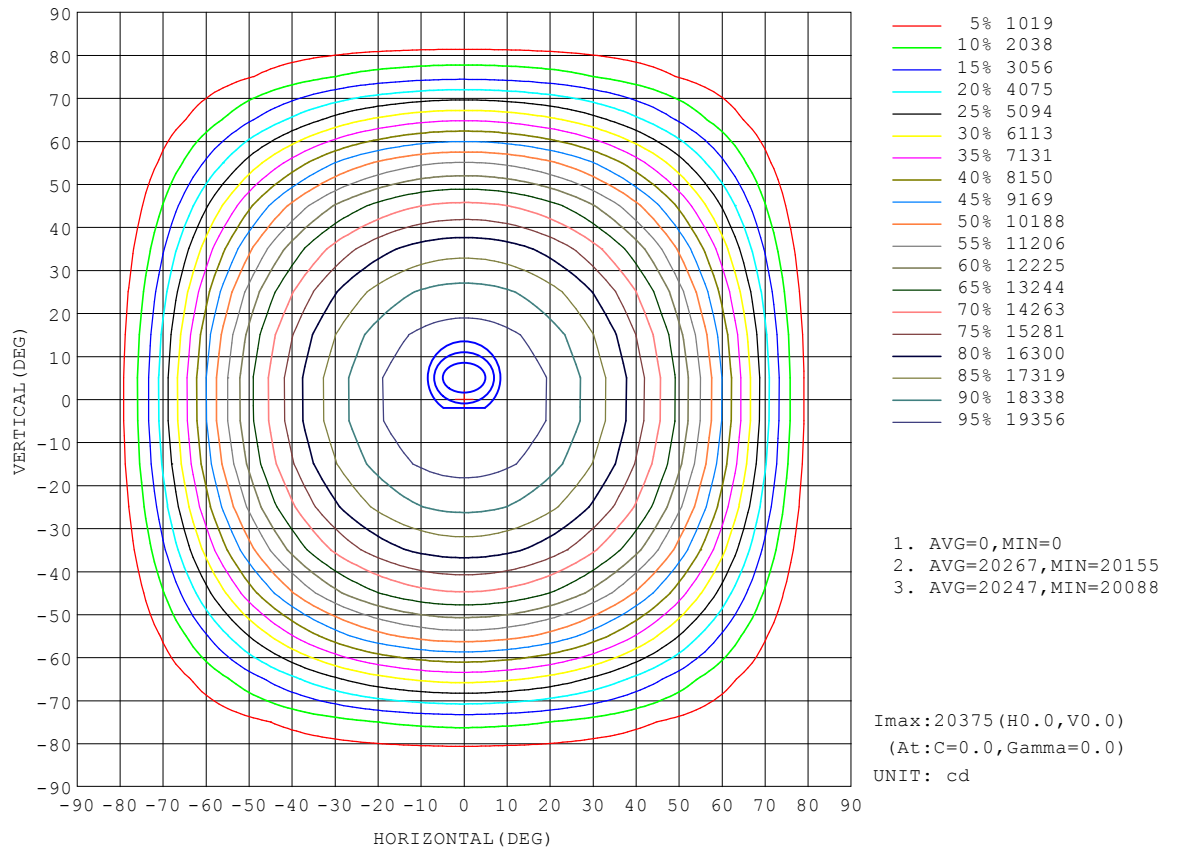
NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:29 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:1.7858A P:374.27W PF:0.9521 Freq:49.99Hz Lamp Flux:57516.2x1 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

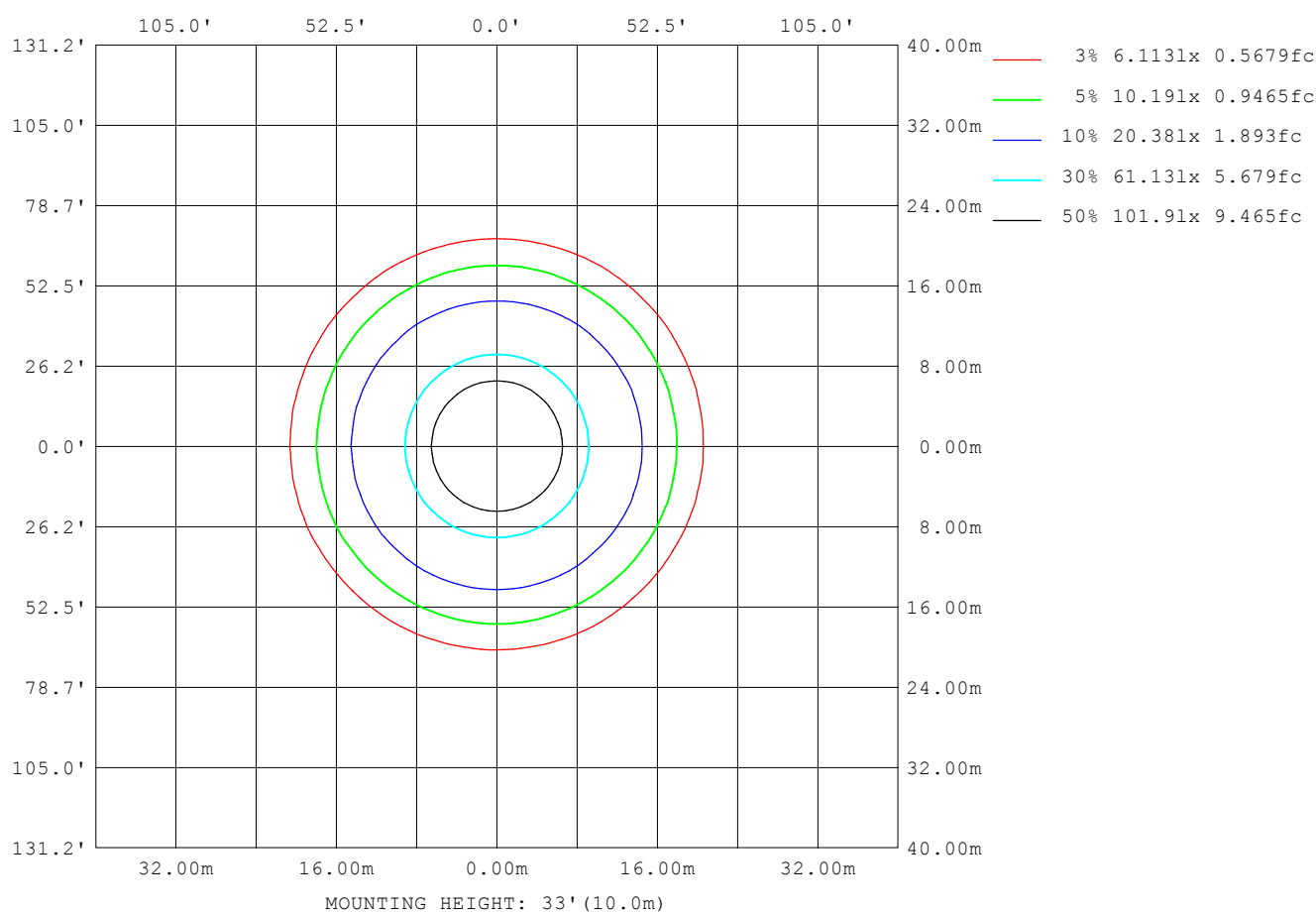


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:29 October 2019

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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

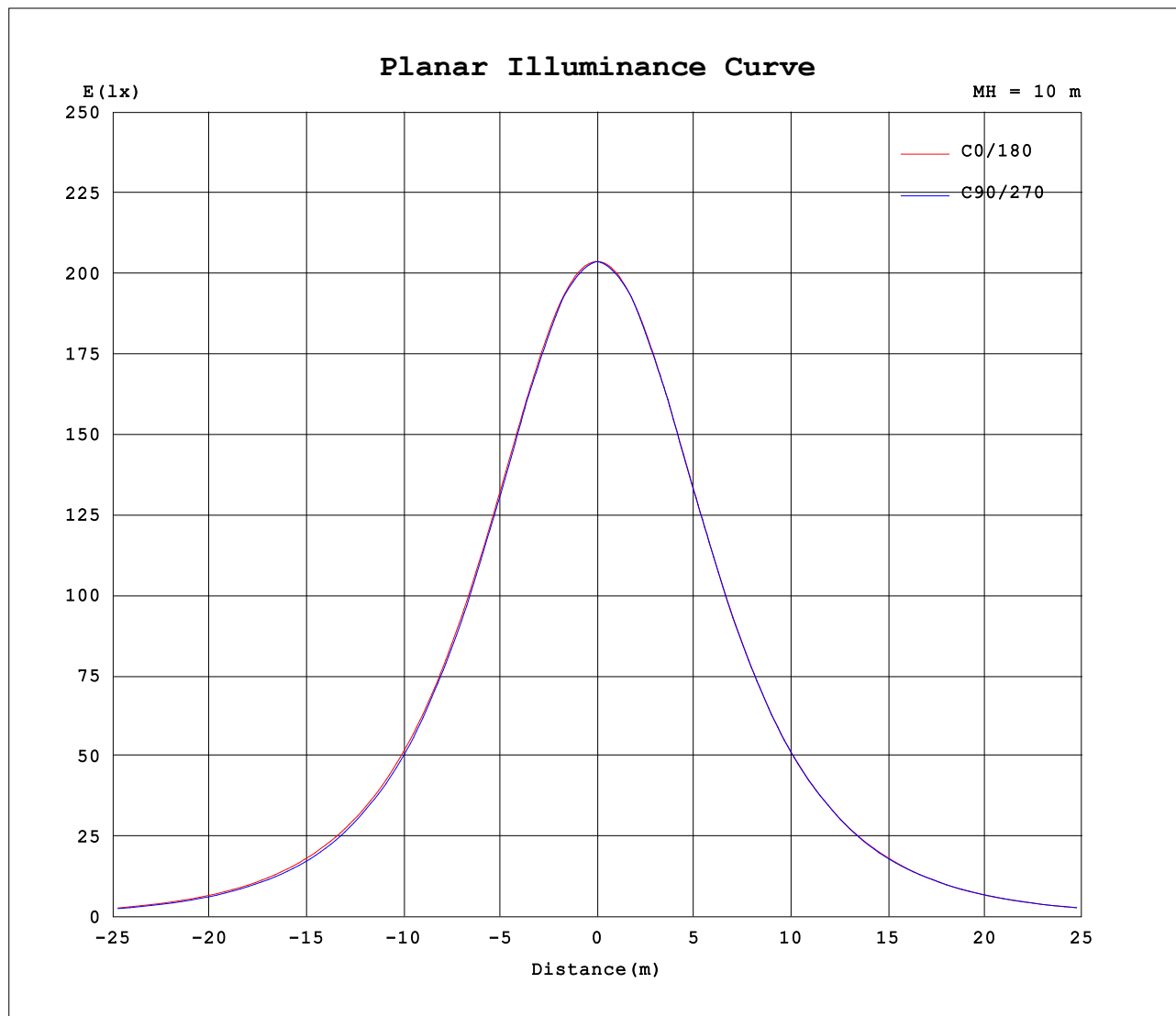
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H(β) Range:-90 - 90DEG
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Operators:CL
Test Date:29 October 2019

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



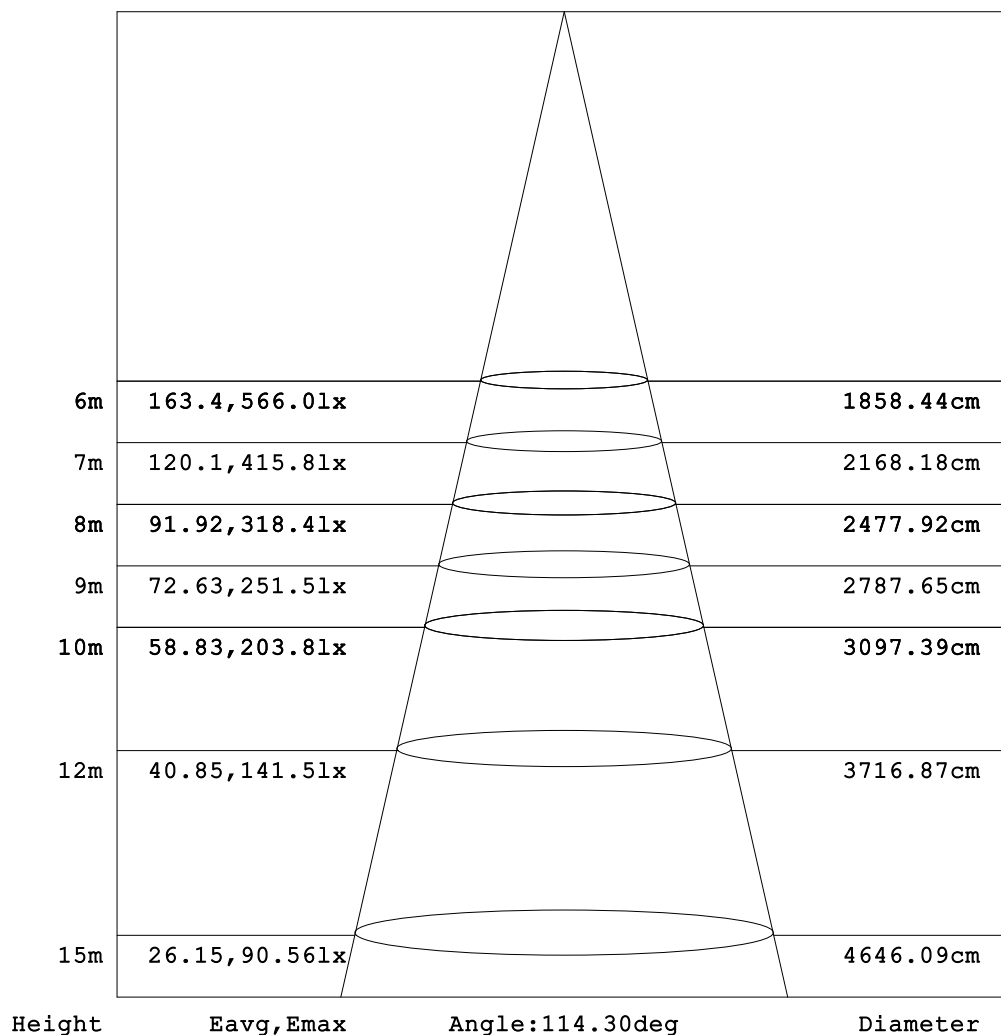
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:29 October 2019

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:1.7858A P:374.27W PF:0.9521 Freq:49.99Hz Lamp Flux:57516.2x1 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:45538 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:29 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:1.7858A P:374.27W PF:0.9521 Freq:49.99Hz Lamp Flux:57516.2x1 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	1.12	1.23	1.56	2.21	3.72	5.67	8.39	11.8	16.1	21.0	26.5	31.9	37.5	42.9	47.5	51.6	54.4	56.2	56.7
-75	1.14	1.35	2.61	6.41	13.0	23.8	39.0	57.5	78.9	102	125	148	168	188	204	217	226	232	235
-70	1.16	1.46	3.66	10.6	22.3	41.8	69.7	103	142	183	223	264	299	332	360	382	397	408	413
-65	1.15	1.64	6.83	21.6	48.0	88.1	140	198	262	324	385	443	495	540	577	606	627	642	646
-60	1.14	1.81	10.00	32.6	73.8	134	210	294	381	465	548	623	690	749	795	829	858	876	880
-55	1.16	2.28	15.6	50.5	112	197	297	403	511	613	709	795	871	935	986	1024	1052	1071	1075
-50	1.18	2.75	21.3	68.5	150	260	384	512	641	760	870	967	1051	1122	1176	1218	1247	1265	1271
-45	1.20	3.74	29.7	93.2	198	331	478	624	767	896	1012	1113	1198	1267	1323	1365	1396	1414	1420
-40	1.21	4.72	38.1	118	246	403	572	735	893	1032	1154	1258	1345	1412	1469	1513	1544	1563	1569
-35	1.24	5.99	46.4	141	288	462	643	819	982	1124	1248	1354	1444	1515	1574	1619	1651	1670	1676
-30	1.27	7.25	54.7	164	329	521	715	903	1070	1217	1342	1450	1542	1618	1679	1725	1758	1778	1784
-25	1.29	8.51	61.9	184	365	568	774	969	1138	1286	1410	1520	1612	1689	1751	1798	1832	1851	1858
-20	1.31	9.77	69.2	205	401	616	832	1034	1207	1356	1478	1589	1683	1761	1824	1871	1905	1925	1932
-15	1.33	10.3	73.8	218	422	644	864	1068	1241	1391	1517	1630	1725	1803	1866	1913	1947	1967	1973
-10	1.35	10.8	78.5	231	444	672	897	1102	1275	1426	1557	1670	1766	1845	1908	1955	1988	2008	2014
-5	1.38	11.2	81.1	239	454	685	913	1119	1292	1440	1571	1684	1780	1860	1922	1970	2002	2020	2026
0	1.40	11.5	83.6	246	464	697	929	1135	1309	1454	1586	1699	1795	1874	1937	1984	2016	2033	2038
5	1.42	11.2	81.6	240	456	687	916	1121	1294	1442	1573	1686	1782	1861	1924	1972	2004	2022	2028
10	1.44	11.0	79.5	234	448	676	903	1106	1279	1430	1561	1673	1769	1849	1912	1960	1993	2012	2018
15	1.45	10.4	75.0	223	428	651	872	1076	1247	1396	1523	1635	1730	1809	1871	1919	1953	1972	1979
20	1.46	9.87	70.5	211	408	626	841	1045	1215	1363	1486	1597	1690	1769	1831	1879	1913	1933	1940
25	1.48	8.87	63.3	189	373	579	784	981	1151	1296	1419	1529	1622	1699	1761	1809	1842	1862	1869
30	1.49	7.86	56.0	168	337	533	728	917	1087	1229	1353	1462	1554	1630	1691	1738	1772	1791	1798
35	1.50	6.94	47.4	145	296	474	657	834	998	1141	1263	1369	1458	1529	1589	1635	1667	1687	1694
40	1.51	6.03	38.8	121	255	414	587	752	910	1053	1173	1275	1363	1429	1487	1531	1563	1582	1589
45	1.52	5.28	30.8	97.9	208	346	498	647	793	926	1041	1142	1229	1296	1351	1395	1426	1444	1450
50	1.53	4.54	22.7	74.4	161	278	409	542	676	800	909	1009	1095	1163	1216	1258	1288	1306	1312
55	1.53	3.81	17.0	55.1	121	213	320	430	545	651	749	838	917	981	1030	1071	1100	1118	1123
60	1.54	3.09	11.3	35.8	81.6	148	230	319	414	502	589	667	739	798	845	884	913	929	934
65	1.54	2.56	8.16	24.0	54.1	99.0	156	221	291	358	425	487	543	592	630	660	684	698	702
70	1.55	2.04	5.02	12.1	26.7	49.7	82.3	122	167	214	262	307	347	385	414	436	455	467	471
75	1.55	1.83	3.56	7.83	16.1	28.9	47.3	69.9	96.1	124	152	179	203	226	245	259	270	277	279
80	1.56	1.62	2.10	3.59	5.42	8.08	12.3	17.8	24.9	33.1	41.4	50.0	59.3	68.0	75.4	81.2	85.0	86.5	87.6
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:29 October 2019

V(B) Range:-80 - 80DEG
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Humidity:65.0%
Test Distance:6.010m [K=1.0000]
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LUMINOUS DISTRIBUTION INTENSITY DATA

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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	56.1	54.4	51.4	47.1	42.2	37.2	31.5	26.0	20.6	15.8	11.9	8.76	6.25	4.59	3.50	2.23	1.49	1.11	
-75	231	225	216	203	186	167	147	123	100	77.7	56.6	38.3	23.7	13.4	7.27	3.15	1.60	1.13	
-70	407	396	381	358	330	297	262	220	180	140	101	67.8	41.1	22.1	11.0	4.07	1.71	1.15	
-65	641	626	605	576	538	492	440	382	320	258	194	136	85.7	46.6	21.0	6.93	1.91	1.17	
-60	875	857	829	794	746	687	618	543	460	376	288	204	130	71.0	31.0	9.80	2.11	1.19	
-55	1070	1052	1024	986	934	869	792	706	610	507	399	293	193	109	49.1	15.4	2.55	1.22	
-50	1265	1248	1219	1177	1122	1051	966	870	759	639	510	381	256	148	67.2	20.9	2.98	1.24	
-45	1414	1396	1366	1323	1266	1194	1108	1008	891	761	617	471	325	193	89.6	28.1	3.69	1.25	
-40	1563	1544	1513	1469	1410	1337	1250	1146	1024	882	724	562	393	238	112	35.2	4.40	1.26	
-35	1671	1652	1620	1575	1515	1440	1351	1248	1124	980	815	639	457	282	137	43.9	5.91	1.28	
-30	1778	1759	1727	1681	1620	1544	1452	1351	1225	1077	906	716	520	327	163	52.7	7.41	1.30	
-25	1852	1833	1800	1753	1691	1615	1522	1415	1287	1139	966	771	565	360	181	60.0	8.47	1.31	
-20	1925	1906	1873	1825	1763	1686	1592	1479	1349	1200	1025	825	610	394	200	67.4	9.53	1.33	
-15	1967	1948	1915	1868	1806	1728	1633	1520	1389	1242	1067	863	643	418	215	72.2	10.2	1.34	
-10	2009	1990	1958	1911	1849	1770	1674	1561	1429	1284	1108	902	675	442	231	77.0	10.9	1.35	
-5	2021	2004	1972	1925	1863	1784	1688	1574	1442	1293	1118	911	683	450	235	78.3	11.0	1.37	
0	2033	2017	1986	1939	1877	1798	1702	1588	1455	1303	1127	921	691	457	239	79.5	11.2	1.39	
5	2023	2006	1974	1927	1865	1786	1690	1576	1445	1296	1120	914	685	452	237	78.8	11.1	1.41	
10	2012	1994	1962	1915	1852	1773	1678	1565	1434	1289	1114	907	679	447	234	78.1	11.0	1.43	
15	1973	1954	1921	1874	1812	1733	1639	1526	1397	1250	1076	872	650	425	219	73.0	10.3	1.45	
20	1934	1914	1881	1833	1772	1693	1599	1488	1359	1211	1037	836	621	402	205	68.0	9.70	1.47	
25	1863	1844	1811	1764	1703	1626	1533	1427	1300	1154	981	785	578	371	187	61.6	8.96	1.49	
30	1792	1773	1741	1695	1634	1558	1467	1366	1241	1096	924	734	536	340	169	55.2	8.23	1.51	
35	1688	1669	1637	1592	1533	1459	1370	1268	1145	1002	837	660	475	296	144	46.6	7.64	1.52	
40	1583	1565	1534	1490	1432	1360	1273	1171	1050	908	751	587	414	253	120	38.1	7.06	1.54	
45	1445	1427	1397	1355	1299	1228	1143	1042	927	795	650	500	348	209	97.5	30.8	6.04	1.55	
50	1306	1289	1260	1219	1166	1097	1013	914	804	682	549	413	281	164	75.2	23.5	5.01	1.56	
55	1118	1101	1072	1032	983	919	841	753	654	549	435	322	215	123	55.8	17.7	4.43	1.56	
60	930	912	883	845	799	740	670	591	505	416	322	231	149	82.2	36.3	11.9	3.84	1.57	
65	699	684	661	631	593	545	489	428	361	293	223	158	100	55.1	24.6	8.74	3.44	1.57	
70	467	455	438	416	386	349	308	264	217	170	125	84.8	51.6	27.9	12.9	5.60	3.04	1.57	
75	277	270	260	246	227	205	180	153	125	97.8	71.8	49.0	30.2	16.9	8.62	4.38	2.55	1.56	
80	86.8	85.2	81.3	75.9	68.2	60.0	50.8	42.4	33.7	25.8	18.8	13.1	8.92	5.98	4.31	3.16	2.05	1.56	
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:29 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: