

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	662.1 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	163.3V x 140.0H
	At 50% of Imax	45.1V x 120.6H
	At 90% of Imax	17.0V x 106.6H

Beam Flux	Total	997.8 lumens per klm.
	To 10% of Imax	901.0 lumens per klm.
	To 50% of Imax	588.9 lumens per klm.
	To 90% of Imax	103.0 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.8 %

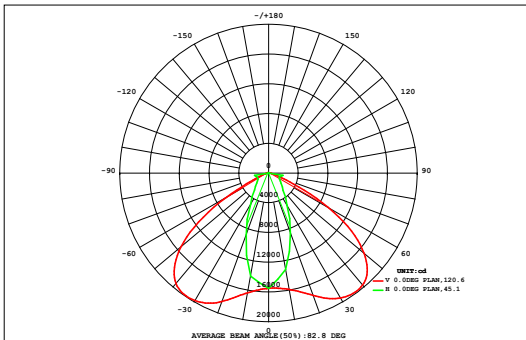
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 October 2019

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:219.93V I:0.8735A P:188.44W PF:0.9809 Freq:49.99Hz Lamp Flux:30074.5x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:200W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



DATA OF LAMP		Eff:159.60lm/W	
NJZMODEL200-V01-RZ-32-PC-GR		Imax(cd)	19911
NOMINAL POWER(W)	200	AVAILABILITY(%)	90.5
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	27209
NOMINAL FLUX(lm)	30074.5	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	30074
TEST VOLTAGE(V)	220	θ @50% (H,V)	121,45DEG

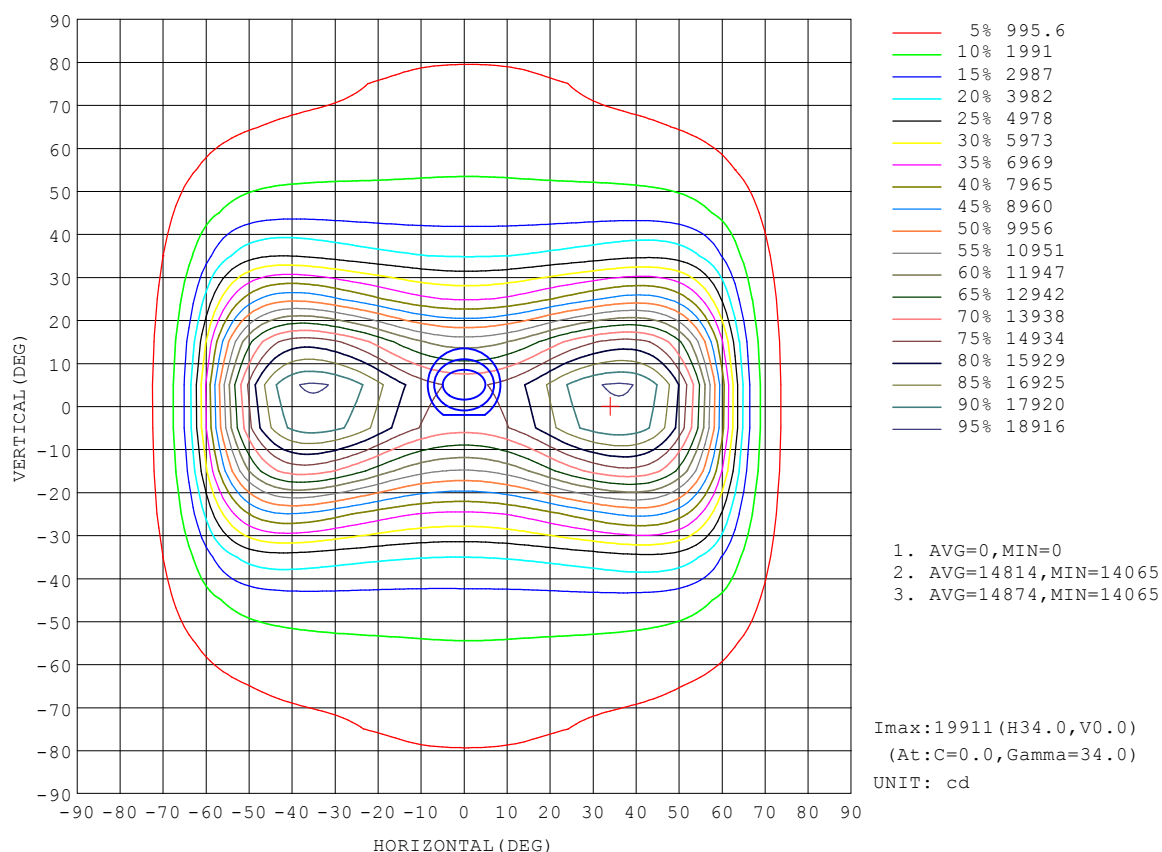
VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	405	123
80	0.16	1.67	4.97	9.76	15.7	22.0	31.2	50.3	68.0	68.2	50.2	31.1	21.5	15.2	9.26	4.54	1.41	0.12	399	0.00
70	0.29	2.55	7.65	14.8	22.3	28.8	35.1	41.9	47.8	47.5	41.1	34.6	28.4	21.9	14.4	7.25	2.30	0.22	539	76.4
60	0.41	3.65	11.6	23.2	33.8	42.2	48.4	53.0	55.5	55.3	52.5	47.8	41.5	33.1	22.5	11.1	3.37	0.33	789	705
50	0.52	4.75	16.8	37.0	54.1	64.4	70.4	73.8	75.6	75.5	73.4	69.6	63.1	52.5	36.0	16.3	4.46	0.43	1300	1264
40	0.61	5.68	24.1	65.2	100	113	116	116	116	115	115	114	110	96.3	63.5	23.5	5.36	0.52	2409	2382
30	0.66	6.45	34.5	118	194	223	223	212	203	202	211	220	219	188	115	33.5	6.06	0.57	4071	4048
20	0.70	7.10	47.1	181	315	383	392	368	348	349	371	393	380	309	176	44.5	6.56	0.60	5244	5221
10	0.71	7.43	55.5	220	389	485	510	486	467	469	494	516	485	385	215	51.4	6.80	0.61	5095	5073
0	0.72	7.48	55.8	215	378	470	491	469	452	456	481	504	474	376	209	49.9	6.72	0.61	3946	3922
-10	0.70	7.17	48.5	176	301	363	370	352	341	345	366	386	370	300	171	42.7	6.45	0.59	2420	2392
-20	0.66	6.66	37.6	122	193	216	212	205	203	206	217	228	227	193	114	31.9	5.93	0.56	1243	1207
-30	0.59	5.85	25.4	64.7	90.6	99.6	106	111	114	115	113	110	106	93.3	60.9	22.1	5.27	0.50	768	678
-40	0.50	4.94	17.4	35.2	49.4	60.3	68.1	73.0	75.8	76.1	73.7	69.0	61.3	49.8	33.4	15.6	4.44	0.40	552	80.2
-50	0.37	3.85	12.0	23.1	33.6	42.6	49.5	54.4	57.5	57.5	54.5	49.7	42.7	33.3	22.3	11.1	3.46	0.30	408	0.00
-60	0.26	2.72	8.03	15.4	23.1	29.7	35.9	42.6	47.6	47.5	42.4	35.8	29.5	22.7	14.7	7.40	2.37	0.19	329	0.00
-70	0.15	1.70	4.96	9.58	15.1	20.2	26.7	38.1	49.7	49.3	38.0	26.2	19.8	14.7	9.06	4.51	1.44	0.10	156	37.8
-80	0.07	0.60	1.64	3.16	5.30	7.55	11.7	22.9	31.2	29.2	17.7	9.57	6.72	4.47	2.46	1.11	0.28	0.01	---	---
-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	---	---
Φ t	8.06	80.3	414	1333	2213	2670	2797	2769	2752	2764	2811	2844	2686	2189	1287	378	72.7	6.65	30074	---
Φ a	0.00	1.26	280	1205	2054	2482	2575	2512	2491	2493	2555	2629	2501	2029	1159	242	0.00	0.00	---	27209

one-half-peak spread: U:22.6,D:22.9 , L:24.7,R:25.1 NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG	V(B) Range:-80 - 80DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Temperature:25.3DEG	Humidity:65.0%
Operators:CL	Test Distance:6.010m [K=1.0000]
Test Date:19 October 2019	Remarks:

ISOCANDELA DIAGRAM

Test:U:219.93V I:0.8735A P:188.44W PF:0.9809 Freq:49.99Hz Lamp Flux:30074.5x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:200W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

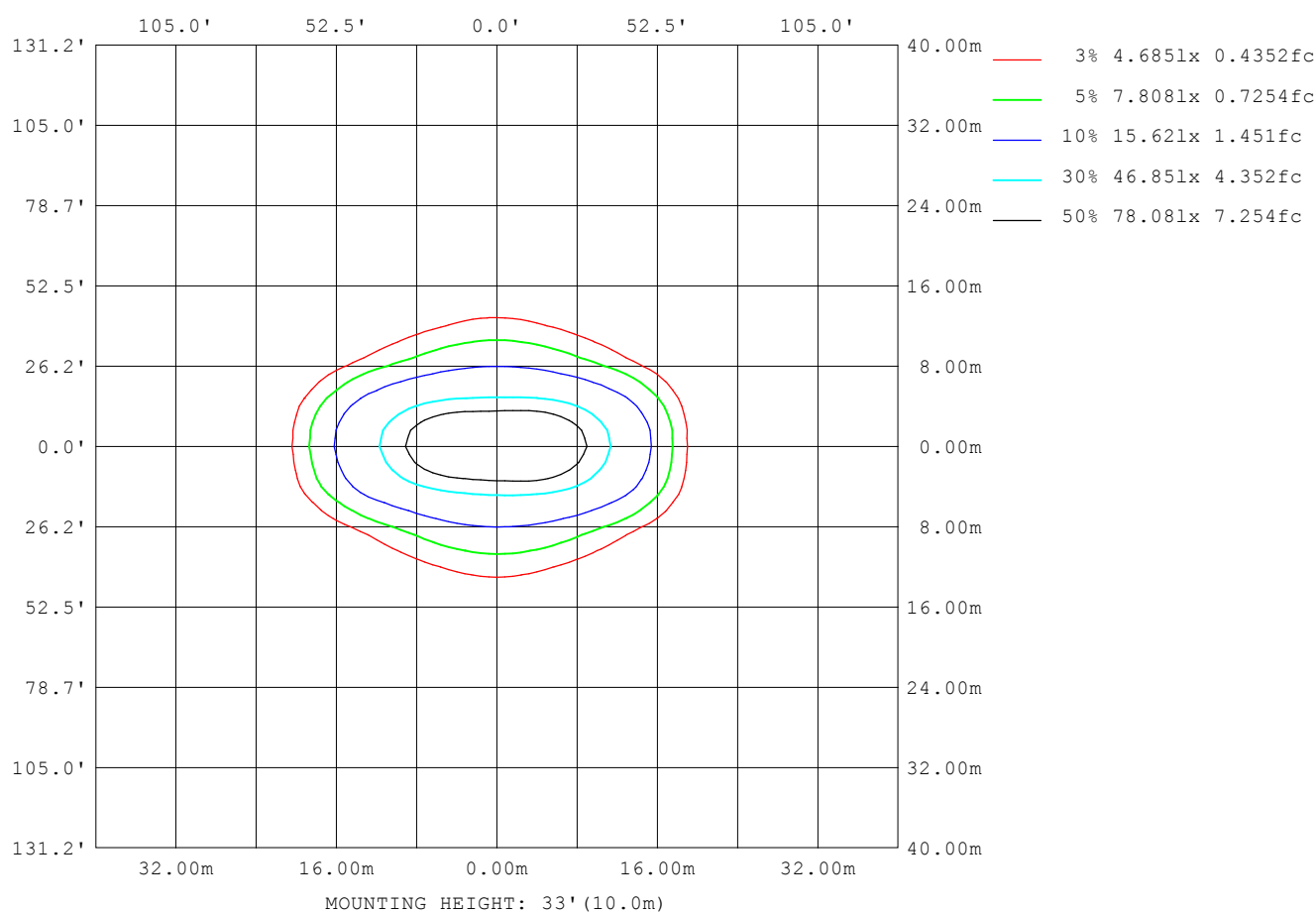


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 October 2019

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

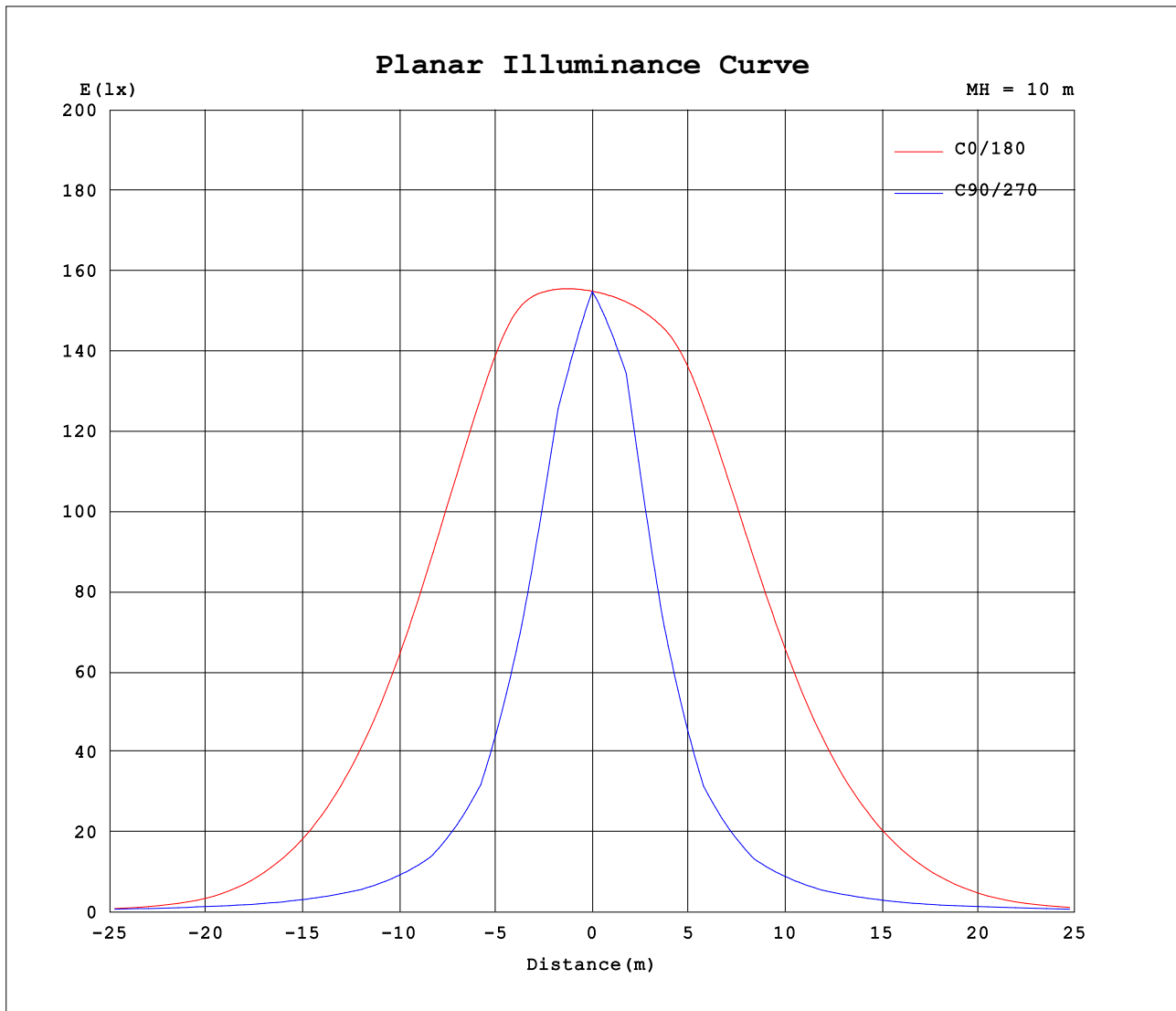
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SPEC.:200W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 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



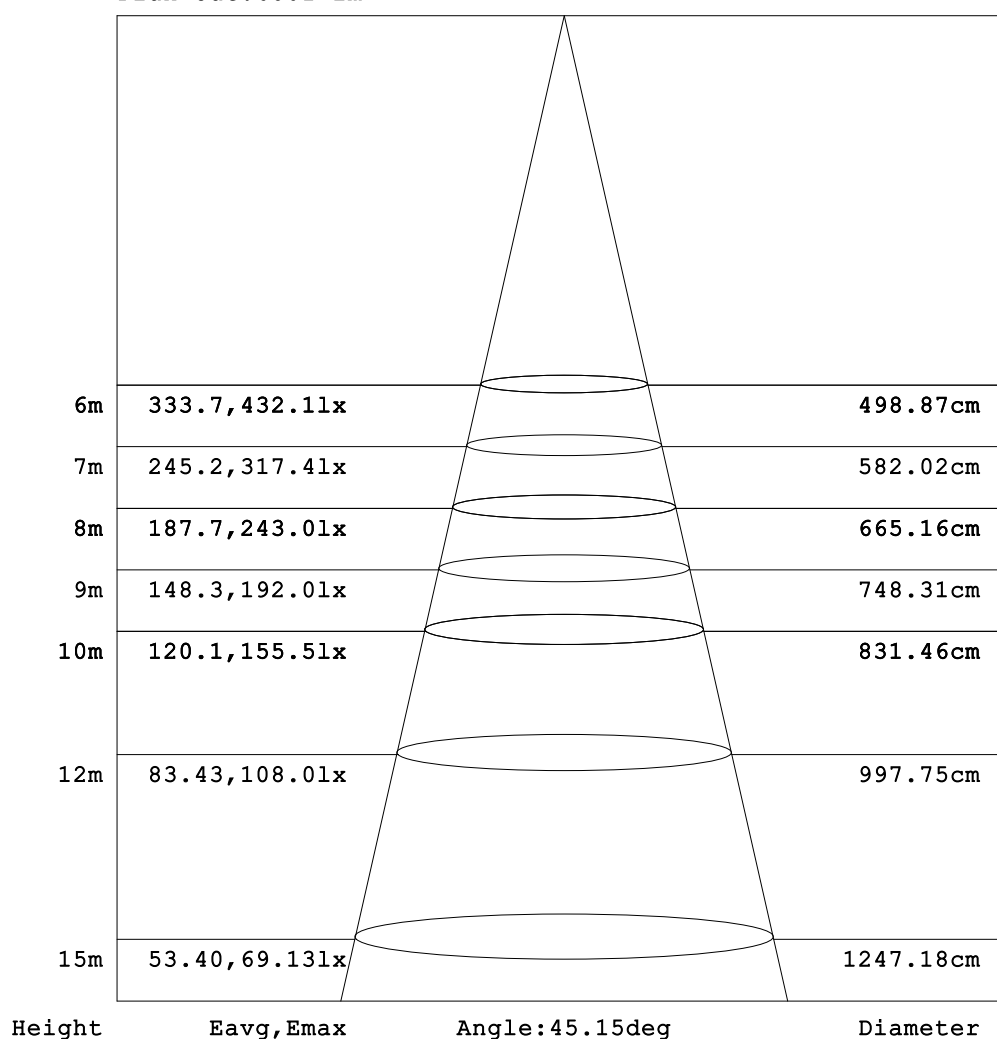
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:19 October 2019

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:219.93V I:0.8735A P:188.44W PF:0.9809 Freq:49.99Hz Lamp Flux:30074.5x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:200W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:6801 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:19 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:219.93V I:0.8735A P:188.44W PF:0.9809 Freq:49.99Hz Lamp Flux:30074.5x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:200W	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	0.57	2.53	9.09	16.0	22.3	28.9	35.3	41.8	48.9	56.3	61.8	67.1	74.7	87.3	110	148	182	196	197
-75	0.43	1.76	8.66	18.7	27.4	36.3	45.3	53.7	62.0	70.0	76.4	81.2	87.0	95.9	109	131	156	172	177
-70	0.64	4.85	17.0	28.3	39.5	51.0	62.0	72.1	81.8	89.3	95.0	99.5	106	114	124	135	146	154	155
-65	0.41	2.89	14.9	29.7	43.8	58.9	73.5	87.1	99.1	108	115	120	126	132	139	146	154	161	163
-60	0.75	7.87	25.8	42.1	60.1	78.7	95.9	112	124	133	140	146	150	155	160	165	169	171	171
-55	0.39	4.23	22.0	41.3	62.5	86.9	112	134	150	161	169	176	180	184	187	189	192	195	196
-50	0.87	11.4	34.2	56.7	83.6	115	146	169	185	196	204	210	213	215	216	217	218	219	220
-45	0.34	5.90	28.6	52.2	81.7	122	169	209	236	251	258	262	263	263	263	262	262	263	263
-40	1.05	16.2	41.2	69.2	109	165	226	274	301	312	315	315	313	311	309	307	306	306	307
-35	0.28	8.01	33.2	60.5	99.9	165	264	367	430	455	456	445	433	423	414	407	402	400	399
-30	1.20	20.0	45.4	78.5	136	236	391	520	588	603	589	566	545	528	514	503	495	492	492
-25	0.25	10.7	36.1	66.3	117	219	419	641	797	876	894	873	831	789	749	716	694	681	678
-20	1.40	22.2	48.8	86.8	165	336	637	905	1086	1175	1189	1148	1083	1017	956	909	880	866	866
-15	0.25	12.8	37.8	70.0	131	270	583	931	1196	1359	1433	1435	1391	1325	1250	1178	1127	1098	1089
-10	1.65	22.6	49.8	90.7	182	410	822	1193	1460	1623	1693	1694	1650	1575	1482	1401	1347	1319	1316
-5	0.25	13.5	38.5	71.8	139	302	693	1128	1464	1689	1809	1840	1815	1752	1656	1559	1488	1446	1431
0	2.07	23.1	50.8	93.1	192	451	927	1362	1675	1875	1967	1976	1938	1858	1749	1654	1589	1554	1550
5	0.00	13.6	38.6	71.9	140	305	707	1160	1513	1748	1872	1904	1880	1817	1719	1617	1541	1494	1477
10	2.35	22.7	49.9	91.2	184	421	863	1272	1567	1746	1821	1822	1780	1705	1604	1512	1448	1413	1408
15	0.00	13.2	37.8	70.1	132	273	601	977	1267	1449	1536	1507	1441	1358	1271	1203	1162	1147	
20	2.28	22.1	48.6	86.7	166	338	653	940	1138	1243	1274	1248	1186	1115	1040	969	919	892	888
25	0.00	12.4	36.0	66.2	117	220	426	665	839	934	964	948	905	855	805	757	719	695	686
30	2.04	20.4	45.2	78.2	136	238	401	549	635	663	651	619	584	555	531	510	496	487	486
35	0.03	11.2	33.1	60.1	99.5	166	268	382	458	492	494	479	458	440	424	411	401	394	392
40	1.85	18.4	40.9	68.8	109	167	233	286	317	330	329	323	317	311	306	302	300	299	298
45	0.20	9.53	28.7	51.7	81.1	122	170	215	244	259	265	265	263	261	258	256	255	255	255
50	1.55	15.1	33.8	55.9	82.7	115	147	170	186	196	202	206	208	209	209	209	210	211	211
55	0.38	7.33	22.8	40.6	61.4	85.5	111	133	148	159	166	171	175	177	180	183	186	188	189
60	1.31	11.5	25.6	41.1	58.5	77.0	93.6	109	120	128	135	140	144	148	153	159	163	166	166
65	0.53	4.79	16.4	28.9	42.4	57.0	71.2	83.9	95.0	104	110	115	121	127	134	143	153	161	165
70	1.09	7.29	17.0	27.2	37.8	48.7	59.2	68.4	77.0	84.4	90.1	95.3	102	111	122	136	150	162	164
75	0.67	2.50	9.56	17.5	25.5	33.8	42.0	49.6	56.9	64.2	70.6	75.9	82.4	92.5	107	130	156	173	180
80	0.96	2.61	8.76	14.2	19.8	25.5	31.1	36.7	42.8	49.5	55.4	61.2	70.1	84.9	109	146	179	193	195
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:19 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:219.93V I:0.8735A P:188.44W PF:0.9809 Freq:49.99Hz Lamp Flux:30074.5x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:200W	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	188	163	124	93.9	78.0	68.9	63.1	58.1	51.3	43.6	36.8	30.3	23.7	17.3	11.1	4.30	0.89	0.49	
-75	173	160	136	113	97.7	88.1	81.8	77.0	71.0	63.1	54.6	46.3	37.4	28.4	19.6	10.8	2.67	0.59	
-70	149	139	128	118	109	102	96.6	91.6	84.8	75.8	65.8	55.2	43.7	32.4	21.4	9.47	1.55	0.50	
-65	162	156	148	140	133	127	122	116	110	101	89.5	76.0	61.6	46.5	32.1	18.5	4.94	0.60	
-60	170	166	162	157	152	148	143	136	128	118	103	85.6	67.4	48.9	31.9	15.4	2.40	0.54	
-55	195	193	191	188	185	182	178	172	164	153	138	117	92.5	67.6	45.6	26.6	7.78	0.62	
-50	219	218	217	217	216	213	209	202	192	178	158	130	97.1	68.0	43.6	22.3	3.61	0.57	
-45	263	264	264	265	266	267	267	264	257	243	219	180	133	90.1	58.4	33.7	11.0	0.67	
-40	308	309	312	314	318	321	323	322	314	292	252	192	132	84.4	52.3	27.4	4.84	0.58	
-35	401	405	412	422	433	445	460	471	472	450	393	295	187	113	68.4	39.1	14.6	0.75	
-30	497	506	520	537	557	582	608	625	619	571	465	305	176	100	58.9	31.0	6.79	0.60	
-25	684	702	732	773	816	860	899	920	905	838	699	487	260	137	75.7	42.5	17.2	0.82	
-20	883	918	975	1043	1109	1172	1213	1213	1152	1014	780	470	224	114	62.9	32.7	8.79	0.64	
-15	1101	1136	1195	1275	1355	1419	1460	1463	1405	1267	1032	696	336	157	80.8	44.5	18.5	0.92	
-10	1341	1395	1475	1573	1656	1706	1720	1684	1568	1362	1034	612	262	123	65.3	34.1	9.91	0.66	
-5	1445	1489	1562	1663	1762	1827	1855	1838	1745	1554	1251	831	385	168	83.3	45.5	19.0	1.05	
0	1577	1635	1725	1837	1930	1980	1990	1939	1793	1536	1151	672	276	126	66.0	34.2	9.92	0.69	
5	1491	1534	1609	1710	1811	1876	1903	1885	1788	1589	1276	844	388	169	83.6	45.6	19.1	1.16	
10	1432	1486	1569	1670	1753	1802	1816	1776	1650	1423	1075	629	266	124	65.7	34.3	10.0	0.61	
15	1157	1194	1256	1339	1421	1483	1523	1523	1458	1308	1059	707	338	157	81.1	44.7	18.6	1.17	
20	906	946	1007	1078	1142	1203	1241	1236	1167	1021	780	466	223	113	63.0	32.8	9.28	0.71	
25	692	711	745	789	834	878	918	937	919	846	701	484	258	136	75.7	42.5	17.5	1.11	
30	490	501	517	537	560	587	617	634	627	575	465	303	175	100.0	58.8	30.9	8.47	0.74	
35	393	397	406	417	430	445	462	475	476	453	393	294	186	113	67.9	38.7	15.5	1.03	
40	298	300	302	306	310	316	320	321	315	293	252	191	131	83.5	51.6	26.9	6.98	0.77	
45	254	254	255	256	258	260	261	260	255	242	218	178	131	88.6	57.1	32.8	12.8	0.95	
50	210	209	208	208	207	205	201	195	187	174	155	127	94.8	66.0	41.9	21.8	5.29	0.79	
55	188	186	183	180	177	174	170	165	158	149	134	114	89.5	65.1	43.6	25.3	9.59	0.90	
60	165	161	156	150	145	141	136	130	123	113	98.4	82.2	64.2	46.2	30.0	15.6	3.19	0.81	
65	164	156	147	137	129	122	116	111	104	95.9	85.0	72.2	58.3	43.5	29.7	17.2	5.94	0.89	
70	158	144	130	116	106	98.0	91.9	86.4	79.5	70.8	61.6	51.4	40.5	29.6	19.2	9.52	1.54	0.84	
75	177	164	141	115	97.1	84.9	76.7	70.8	64.6	57.3	49.4	41.7	33.3	25.0	16.9	9.33	2.64	0.89	
80	188	167	130	97.2	77.2	64.4	56.5	50.6	44.1	37.4	31.2	25.4	19.5	13.8	8.49	3.10	0.98	0.86	
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:19 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: