

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	678.4 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	163.8V x 139.9H
	At 50% of Imax	43.7V x 117.6H
	At 90% of Imax	15.8V x 102.9H

Beam Flux	Total	997.4 lumens per klm.
	To 10% of Imax	899.5 lumens per klm.
	To 50% of Imax	561.7 lumens per klm.
	To 90% of Imax	93.1 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.7 %

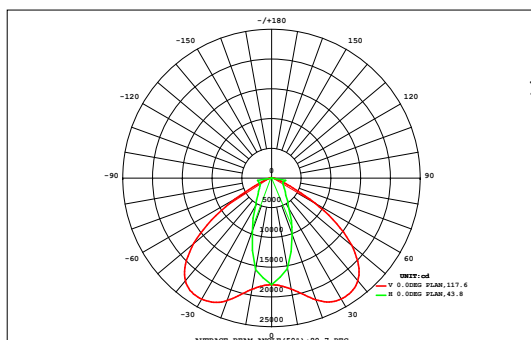
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 October 2019

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:219.89V I:1.0543A P:229.38W PF:0.9894 Freq:49.99Hz Lamp Flux:34690.6x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:240W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



DATA OF LAMP		Eff:151.24lm/W	
NJZMODEL240-V01-RZ-32-PC-GR		Imax(cd)	23534
NOMINAL POWER(W)	240	AVAILABILITY(%)	90.4
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	31358
NOMINAL FLUX(lm)	34690.6	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	34691
TEST VOLTAGE(V)	220	θ @50%(H,V)	118,44DEG

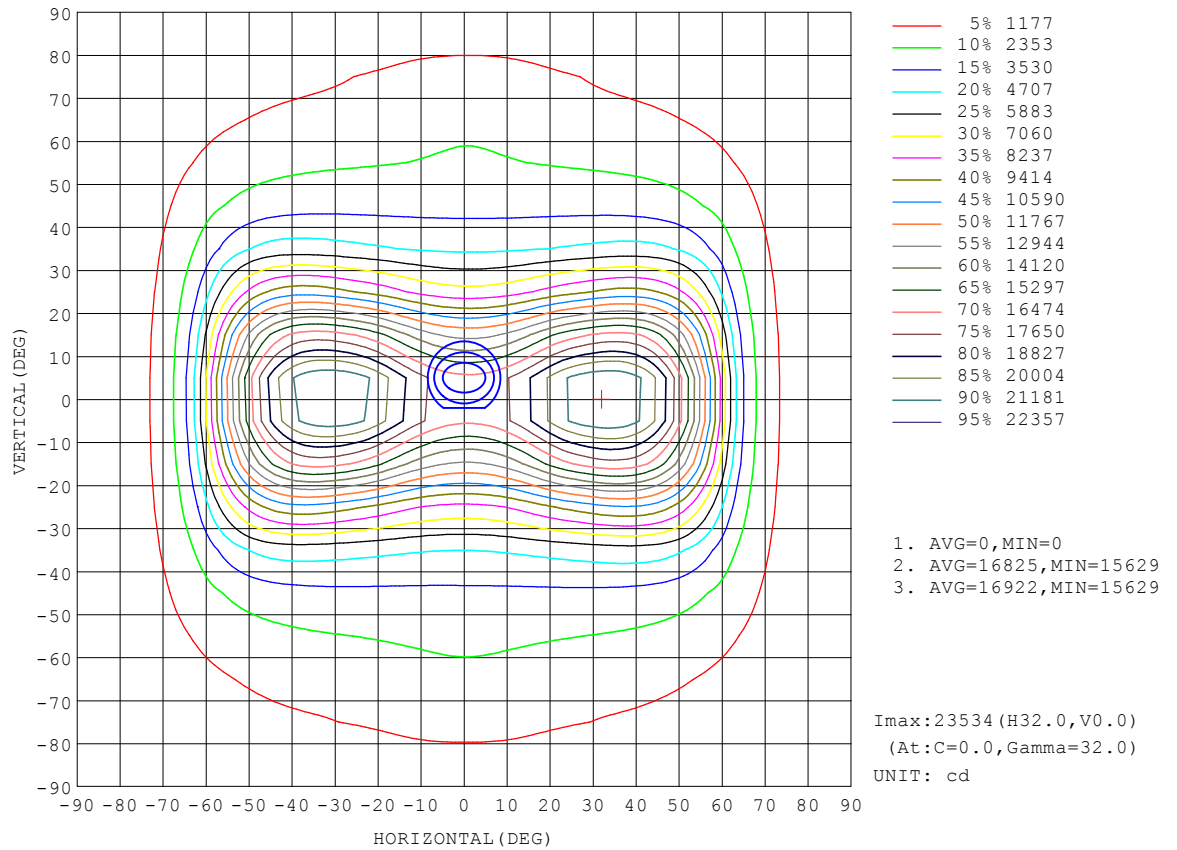
VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.22	2.17	6.32	12.4	19.8	27.8	39.5	62.2	85.3	86.3	63.7	40.1	27.5	19.1	11.6	5.63	1.73	0.13	512	155
70	0.38	3.28	9.59	18.5	28.2	36.8	45.3	55.2	64.8	64.9	55.2	45.1	36.5	27.8	17.9	8.98	2.88	0.27	522	0.00
60	0.54	4.61	14.1	27.8	41.4	52.6	61.3	67.9	71.6	71.5	67.6	60.8	52.0	40.7	27.0	13.3	4.18	0.41	679	222
50	0.68	5.92	19.7	41.7	62.0	76.8	85.8	90.9	93.5	93.4	90.4	84.8	75.4	60.5	40.4	18.8	5.49	0.55	947	845
40	0.78	6.99	26.8	66.9	105	124	132	134	133	133	132	129	120	101	64.8	25.6	6.56	0.65	1440	1392
30	0.85	7.84	35.9	115	196	237	244	235	221	219	229	237	230	191	112	34.4	7.36	0.73	2554	2519
	0.90	8.53	46.6	178	331	421	444	418	383	379	409	435	416	329	177	44.3	7.92	0.77	4430	4400
	0.92	8.88	53.8	221	424	559	610	579	535	531	571	604	560	429	222	50.9	8.21	0.79	5968	5939
	0.92	8.91	54.1	219	421	557	607	576	535	533	573	608	562	429	220	50.2	8.14	0.78	5966	5936
	0.90	8.55	47.8	181	335	431	458	434	405	406	439	465	437	341	181	44.2	7.88	0.76	4623	4592
	0.85	8.00	38.2	124	213	256	260	248	238	241	258	271	263	214	120	34.5	7.30	0.71	2797	2761
-30	0.76	7.10	27.6	68.1	102	117	126	131	134	135	134	129	121	103	65.7	25.6	6.56	0.64	1434	1385
-40	0.64	6.08	20.4	41.1	59.8	74.6	85.0	91.4	95.1	95.4	92.1	85.7	75.2	59.8	39.8	19.0	5.57	0.52	947	843
-50	0.48	4.82	14.7	28.5	42.3	54.6	64.1	71.0	75.4	75.5	71.2	64.3	54.7	42.1	27.9	13.9	4.40	0.38	710	302
-60	0.33	3.48	10.2	19.7	30.0	39.0	47.2	56.1	62.8	62.8	56.0	47.2	38.8	29.5	19.0	9.50	3.09	0.24	535	0.00
-70	0.19	2.22	6.46	12.6	20.1	26.9	35.2	49.5	63.4	63.2	49.3	34.9	26.5	19.4	11.9	5.92	1.90	0.13	430	10.1
-80	0.07	0.73	2.08	4.13	6.88	9.79	14.7	26.8	37.2	36.2	23.7	13.2	9.00	6.05	3.46	1.60	0.44	0.02	196	57.7
-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	10.4	98.1	434	1379	2438	3101	3359	3326	3235	3227	3314	3355	3105	2442	1362	406	89.6	8.45	34691	---
Φ a	0.00	0.00	262	1216	2244	2882	3104	3043	2963	2950	3032	3101	2886	2247	1199	230	0.00	0.00	---	31358

one-half-peak spread: U:22.8,D:21.4 , L:27.5,R:26.3 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: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:

ISOCANDELA DIAGRAM

Test:U:219.89V I:1.0543A P:229.38W PF:0.9894 Freq:49.99Hz Lamp Flux:34690.6x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:240W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

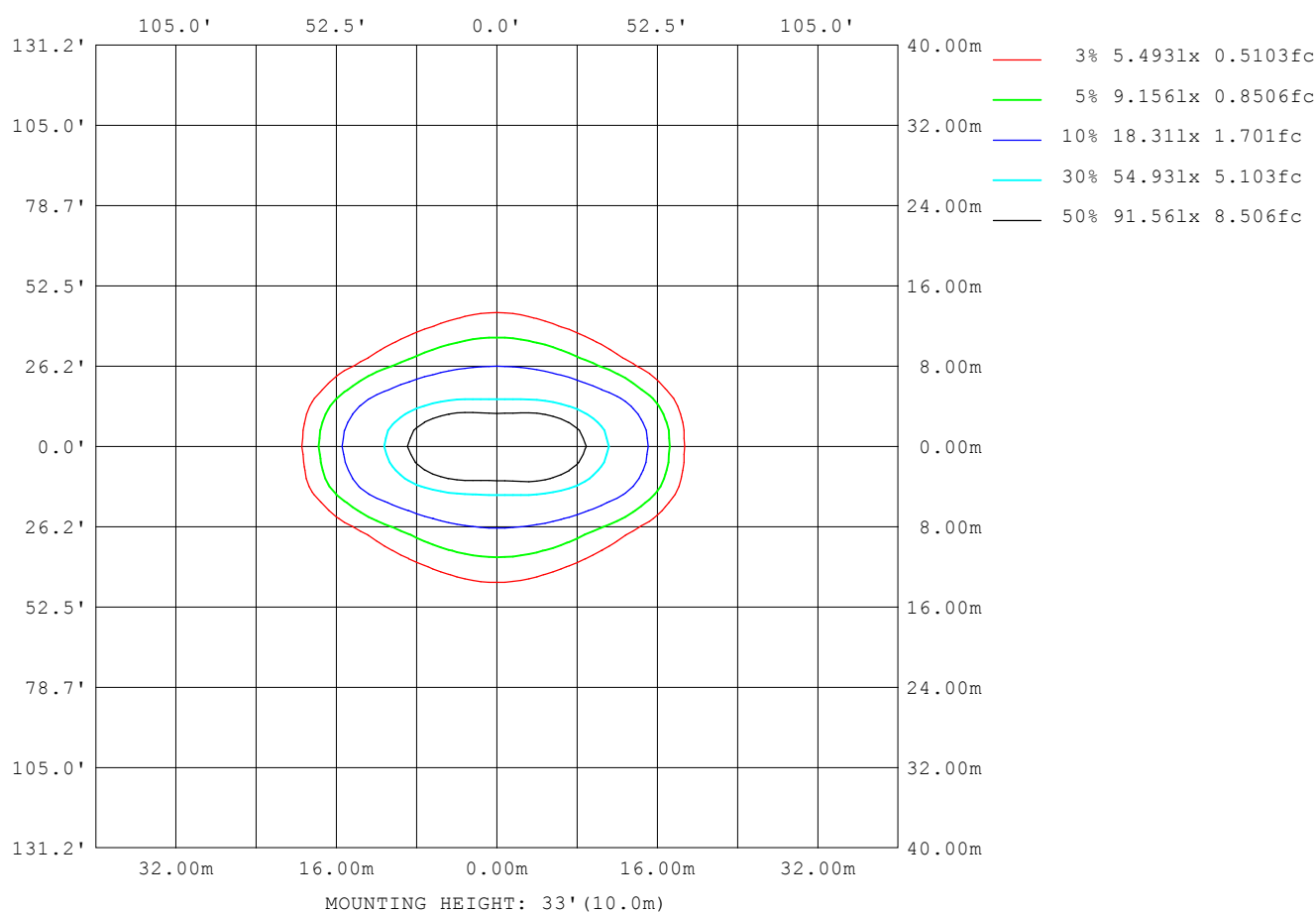


H(β) Range:-90 - 90DEG
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Temperature:25.3DEG
Operators:CL
Test Date:19 October 2019

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Humidity:65.0%
Test Distance:6.010m [K=1.0000]
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ISOLUX DIAGRAM

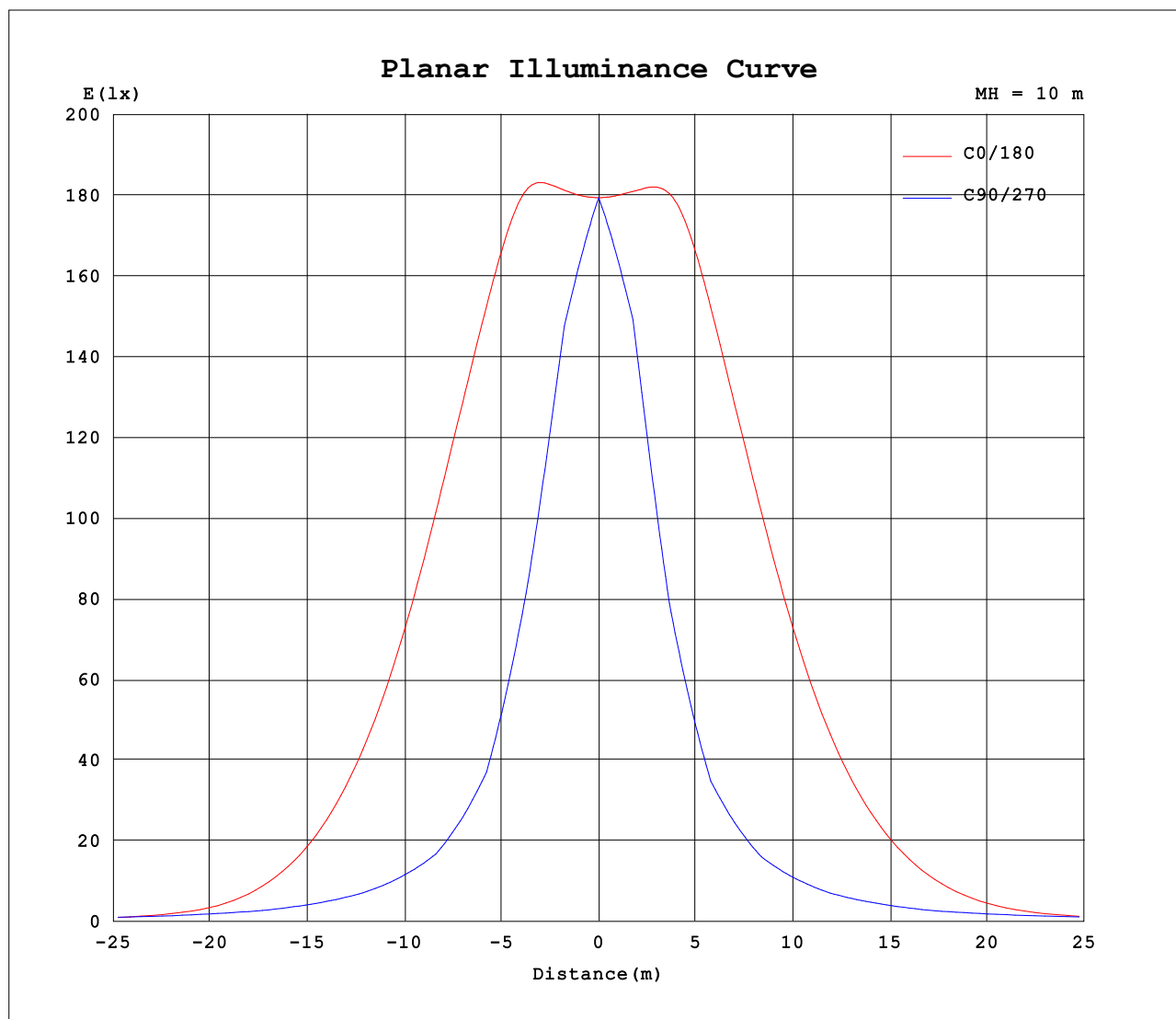
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Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 October 2019

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



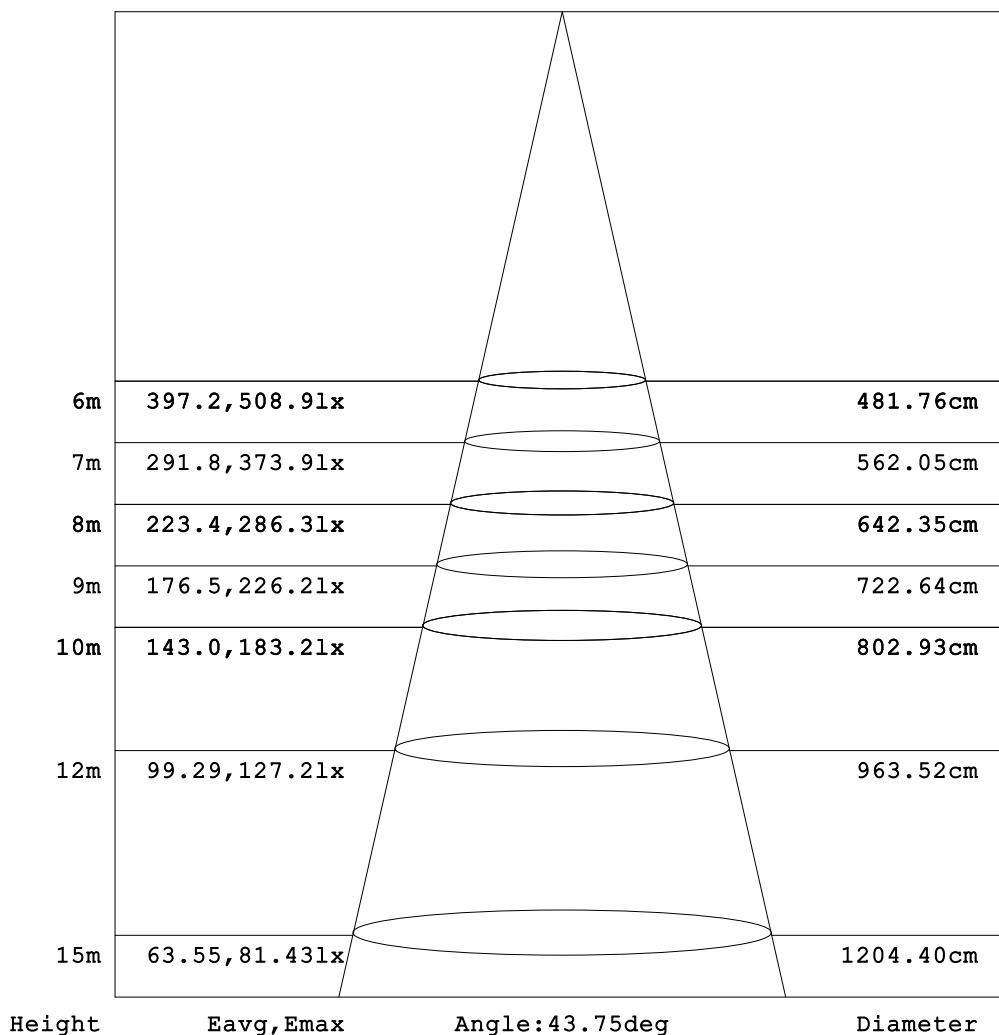
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 October 2019

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:219.89V I:1.0543A P:229.38W PF:0.9894 Freq:49.99Hz Lamp Flux:34690.6x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:240W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:7333 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:219.89V I:1.0543A P:229.38W PF:0.9894 Freq:49.99Hz Lamp Flux:34690.6x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:240W	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	0.72	2.83	11.2	20.5	28.8	37.5	46.2	55.1	64.6	73.9	81.2	88.1	97.5	112	137	178	219	238	241
-75	0.59	2.84	13.1	25.9	37.0	48.5	60.3	71.6	82.9	93.5	102	108	116	128	145	171	200	218	223
-70	0.75	5.56	20.9	35.6	49.8	64.4	79.0	92.5	106	117	125	131	139	149	161	176	190	202	205
-65	0.57	4.77	22.0	40.2	57.9	76.6	95.1	112	128	141	150	158	165	173	182	193	204	212	215
-60	0.78	8.79	31.6	51.6	73.4	96.5	118	139	156	169	179	188	194	201	208	215	221	225	226
-55	0.55	7.24	31.5	54.9	80.7	110	140	165	186	202	214	224	231	236	241	246	250	253	254
-50	0.84	12.7	41.3	68.0	99.2	136	172	201	223	240	254	263	270	274	276	278	280	282	283
-45	0.53	10.3	39.9	68.6	104	150	200	245	277	299	313	321	325	327	327	327	327	328	328
-40	0.95	18.0	49.4	81.9	125	184	248	303	341	365	376	380	381	380	378	376	374	373	373
-35	0.52	13.7	45.8	79.1	126	197	294	397	472	512	526	524	516	507	497	487	479	474	472
-30	1.06	22.9	54.4	91.8	150	243	383	525	624	669	677	665	648	630	612	595	581	573	572
-25	0.53	17.5	49.8	86.9	146	251	442	672	856	970	1022	1024	995	956	912	863	823	799	792
-20	1.18	26.1	58.6	100	176	318	597	902	1145	1301	1374	1374	1327	1265	1192	1113	1053	1019	1012
-15	0.55	20.1	52.1	91.8	163	301	601	972	1292	1517	1649	1694	1679	1628	1548	1445	1355	1300	1279
-10	1.22	26.6	59.9	104	191	371	756	1185	1543	1800	1953	2015	2014	1965	1865	1736	1630	1566	1546
-5	0.57	20.9	53.2	94.2	172	332	705	1172	1580	1884	2079	2167	2183	2145	2047	1906	1782	1703	1671
0	1.26	27.2	61.1	107	199	399	840	1338	1755	2065	2255	2335	2345	2296	2175	2020	1895	1820	1794
5	0.38	20.9	53.3	94.4	172	333	711	1189	1606	1915	2110	2195	2208	2169	2069	1925	1797	1715	1680
10	1.70	26.6	60.1	105	192	375	772	1223	1598	1862	2014	2069	2064	2013	1909	1773	1659	1588	1563
15	0.24	20.4	52.1	91.9	163	302	603	982	1309	1534	1663	1705	1690	1640	1560	1452	1353	1286	1258
20	1.70	26.0	58.4	100.0	176	315	586	888	1126	1274	1341	1343	1300	1241	1172	1087	1014	967	951
25	0.39	19.3	49.6	86.6	146	250	434	661	843	954	1004	1006	978	936	892	840	792	759	745
30	1.61	24.0	54.2	91.5	149	241	376	517	616	663	673	661	639	616	593	572	554	542	538
35	0.52	17.5	45.6	78.7	125	195	290	392	467	508	523	520	509	495	482	469	458	451	448
40	1.53	21.5	49.1	81.3	124	182	246	301	340	363	373	375	373	370	366	362	360	358	357
45	0.64	15.0	39.7	67.8	102	147	197	241	273	295	307	314	316	316	315	314	313	313	313
50	1.38	17.8	40.8	66.7	97.1	132	168	196	217	233	245	253	258	261	263	265	267	268	269
55	0.75	11.7	31.8	53.7	78.6	106	135	160	179	194	205	213	220	225	229	234	239	242	244
60	1.29	13.6	31.2	49.9	70.6	92.2	113	132	148	160	169	176	183	190	197	205	212	217	219
65	0.85	7.76	23.0	38.5	55.2	72.6	89.6	106	120	131	140	148	155	164	175	188	203	216	222
70	1.21	8.35	20.9	33.5	46.6	60.0	73.2	85.2	96.6	107	115	122	130	142	157	177	199	218	225
75	0.94	3.94	13.6	23.6	33.5	43.7	53.9	63.6	73.0	82.1	90.0	97.3	106	120	139	167	200	223	233
80	1.17	2.91	10.6	17.5	24.4	31.4	38.6	45.7	53.2	60.9	68.1	75.8	86.9	104	130	171	212	234	241
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:219.89V I:1.0543A P:229.38W PF:0.9894 Freq:49.99Hz Lamp Flux:34690.6x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:240W	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	234	209	164	127	106	92.6	83.9	76.7	68.2	58.6	49.6	40.9	32.0	23.4	15.3	6.33	1.24	0.59	
-75	219	202	174	146	128	116	108	101	92.4	81.6	70.4	59.1	47.2	35.6	24.4	12.7	2.77	0.68	
-70	199	186	172	158	145	136	130	122	112	100	86.6	72.6	57.7	43.2	29.2	13.9	2.45	0.59	
-65	213	205	194	184	174	166	159	151	141	128	112	94.8	76.1	57.2	39.4	22.2	5.15	0.69	
-60	224	219	213	206	199	193	186	176	165	151	131	110	86.9	64.0	43.0	22.5	4.04	0.62	
-55	254	251	247	243	238	233	226	216	204	188	167	141	111	81.3	55.2	31.9	8.14	0.70	
-50	282	281	279	277	275	270	263	252	237	218	194	161	123	87.6	57.8	31.7	6.14	0.65	
-45	328	329	329	330	330	329	325	318	304	282	249	204	153	106	69.7	40.4	11.6	0.73	
-40	374	377	379	382	385	386	385	379	364	334	288	227	162	108	69.3	38.1	8.67	0.67	
-35	475	482	492	504	515	527	537	539	526	486	411	305	203	129	81.1	46.7	15.9	0.76	
-30	578	591	609	630	650	671	691	697	677	614	494	337	210	128	78.0	43.1	11.8	0.69	
-25	801	829	876	931	977	1019	1048	1048	1002	894	710	471	262	151	89.2	50.9	19.4	0.81	
-20	1032	1082	1164	1252	1321	1382	1410	1389	1295	1113	836	504	259	144	83.1	45.5	14.5	0.74	
-15	1294	1347	1440	1553	1642	1700	1724	1694	1581	1369	1053	659	320	169	94.5	53.4	21.0	0.84	
-10	1571	1643	1760	1896	1990	2036	2036	1969	1799	1515	1119	651	299	156	86.8	47.5	15.8	0.76	
-5	1686	1752	1867	2015	2132	2187	2195	2136	1971	1683	1274	779	354	179	97.2	54.7	21.6	0.86	
0	1820	1898	2030	2191	2304	2349	2343	2256	2046	1706	1237	708	311	159	87.5	47.6	15.7	0.78	
5	1693	1757	1872	2020	2136	2192	2201	2144	1979	1691	1281	782	355	179	97.4	54.8	21.6	0.90	
10	1584	1654	1770	1904	1999	2047	2050	1985	1816	1531	1130	657	300	156	87.2	47.7	15.9	0.73	
15	1268	1317	1404	1512	1597	1654	1683	1658	1552	1347	1039	652	318	169	94.8	53.6	21.1	0.93	
20	965	1008	1080	1159	1221	1279	1316	1304	1222	1057	799	489	256	143	83.3	45.6	14.7	0.78	
25	750	773	814	863	905	944	975	979	940	843	675	454	257	150	89.1	50.9	19.7	0.93	
30	541	551	567	585	604	624	642	647	629	573	469	326	206	126	77.8	42.9	13.5	0.80	
35	449	453	462	472	483	494	503	506	493	458	390	294	198	127	80.4	46.3	17.5	0.93	
40	358	359	361	363	366	368	368	362	348	320	278	220	158	106	68.3	37.4	11.1	0.83	
45	313	313	312	312	313	312	309	302	290	269	239	196	147	103	67.9	39.1	14.2	0.93	
50	268	267	264	262	259	255	249	239	225	208	185	153	117	84.2	55.4	30.3	8.50	0.86	
55	243	240	235	230	224	219	212	204	193	178	159	134	105	77.3	52.3	30.1	10.4	0.95	
60	217	211	204	195	187	180	173	165	155	142	123	103	81.4	59.8	40.0	21.6	5.05	0.89	
65	219	207	192	178	166	156	148	140	131	119	104	87.8	70.5	52.7	36.0	20.4	6.01	0.96	
70	217	197	175	155	140	129	120	112	103	91.2	79.1	66.0	52.4	38.7	25.7	13.2	2.18	0.92	
75	228	209	177	146	124	109	97.8	89.4	81.0	71.6	61.6	51.3	40.8	30.3	20.3	10.7	2.53	0.98	
80	233	209	166	127	101	83.7	72.1	63.8	55.9	48.0	40.0	32.4	24.9	17.7	11.0	4.29	1.14	0.96	
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: