

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	723.2 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	160.1V x 141.1H
	At 50% of Imax	38.8V x 116.5H
	At 90% of Imax	12.4V x 99.9H

Beam Flux	Total	998.5 lumens per klm.
	To 10% of Imax	906.9 lumens per klm.
	To 50% of Imax	515.1 lumens per klm.
	To 90% of Imax	63.8 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.8 %

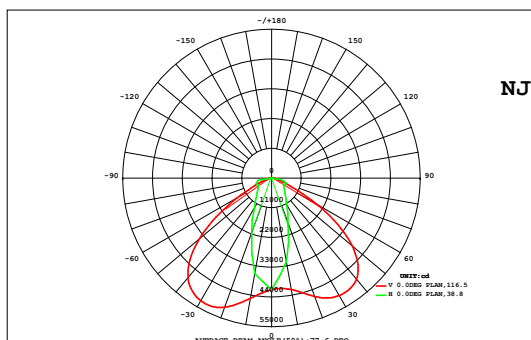
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:31 October 2019

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:219.85V I:2.5386A P:550.07W PF:0.9856 Freq:49.99Hz Lamp Flux:72627.1x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



DATA OF LAMP		Eff:132.03lm/W	
MODEL NO	RZ-32-PC-U-GR	Imax (cd)	52522
NOMINAL POWER (W)	560	AVAILABILITY (%)	90.9
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	66039
NOMINAL FLUX (lm)	72627.1	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	72627
TEST VOLTAGE (V)	220	θ @50% (H, V)	116,39DEG

		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					
VERTICAL (DEG)	90	0.62	5.22	15.2	29.9	47.7	67.8	98.6	151	199	191	137	89.2	62.3	43.3	25.8	12.1	3.52	0.30	1179	462		
	80	0.97	8.07	23.4	45.1	68.9	90.5	114	148	178	172	138	109	88.2	66.2	41.9	20.6	6.47	0.57	1321	389		
	70	1.39	11.6	34.5	66.7	99.1	127	150	168	178	177	165	147	125	97.0	63.6	31.4	9.81	0.91	1653	897		
	60	1.76	15.1	48.1	97.3	144	180	205	220	229	229	222	207	181	144	94.9	44.5	13.1	1.25	2277	2077		
	50	2.08	18.2	64.8	148	227	274	298	310	315	319	319	310	284	233	148	60.2	15.8	1.52	3347	3242		
	40	2.28	20.5	85.8	243	403	486	510	506	499	512	539	551	521	423	245	79.7	17.9	1.72	5645	5566		
	30	2.41	22.3	111	382	689	865	916	885	852	885	964	1002	928	710	373	101	19.4	1.84	9707	9640		
	-30	2.45	23.1	128	487	917	1193	1293	1249	1200	1247	1357	1393	1244	913	457	114	20.2	1.90	13241	13177		
		2.43	23.0	128	484	904	1168	1255	1205	1157	1198	1298	1325	1178	862	431	109	19.9	1.87	12750	12685		
		2.30	21.5	108	366	643	791	822	788	760	785	842	854	776	590	313	90.8	18.9	1.80	8574	8501		
		2.10	19.4	81.4	224	352	401	411	411	412	419	427	420	391	316	187	68.4	17.0	1.61	4561	4472		
		-40	1.77	16.7	58.9	128	185	221	245	260	268	268	260	243	214	170	111	51.4	14.6	1.36	2718	2589	
		-50	1.40	13.7	43.1	84.1	123	155	179	194	203	203	193	176	150	115	76.2	37.8	11.6	0.99	1959	1628	
		-60	0.97	10.2	30.0	57.5	85.4	110	131	151	165	164	149	129	106	80.9	52.6	26.2	8.30	0.63	1459	392	
		-70	0.61	6.71	19.4	37.3	58.0	76.4	96.8	127	158	157	126	94.9	73.8	54.4	33.7	16.5	5.07	0.33	1142	147	
	-80	0.31	3.54	10.4	20.5	33.3	47.5	67.6	107	152	150	104	64.7	44.1	29.8	17.4	7.98	2.25	0.15	861	175		
-90	0.09	0.75	2.15	4.32	7.18	11.8	20.7	34.7	46.2	43.2	29.0	16.4	8.89	4.74	2.29	0.82	0.17	0.03	233	0.00			
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90		
Φ t	25.9	240	993	2905	4986	6265	6813	6914	6970	7119	7270	7129	6375	4852	2675	873	204	18.8	72627	---			
Φ a	0.00	0.00	633	2549	4569	5797	6253	6340	6725	6832	6603	6573	5919	4437	2320	488	0.00	0.00	---	66039			

one-half-peak spread: U:17.9,D:21.3 , L:26.4,R:29.2

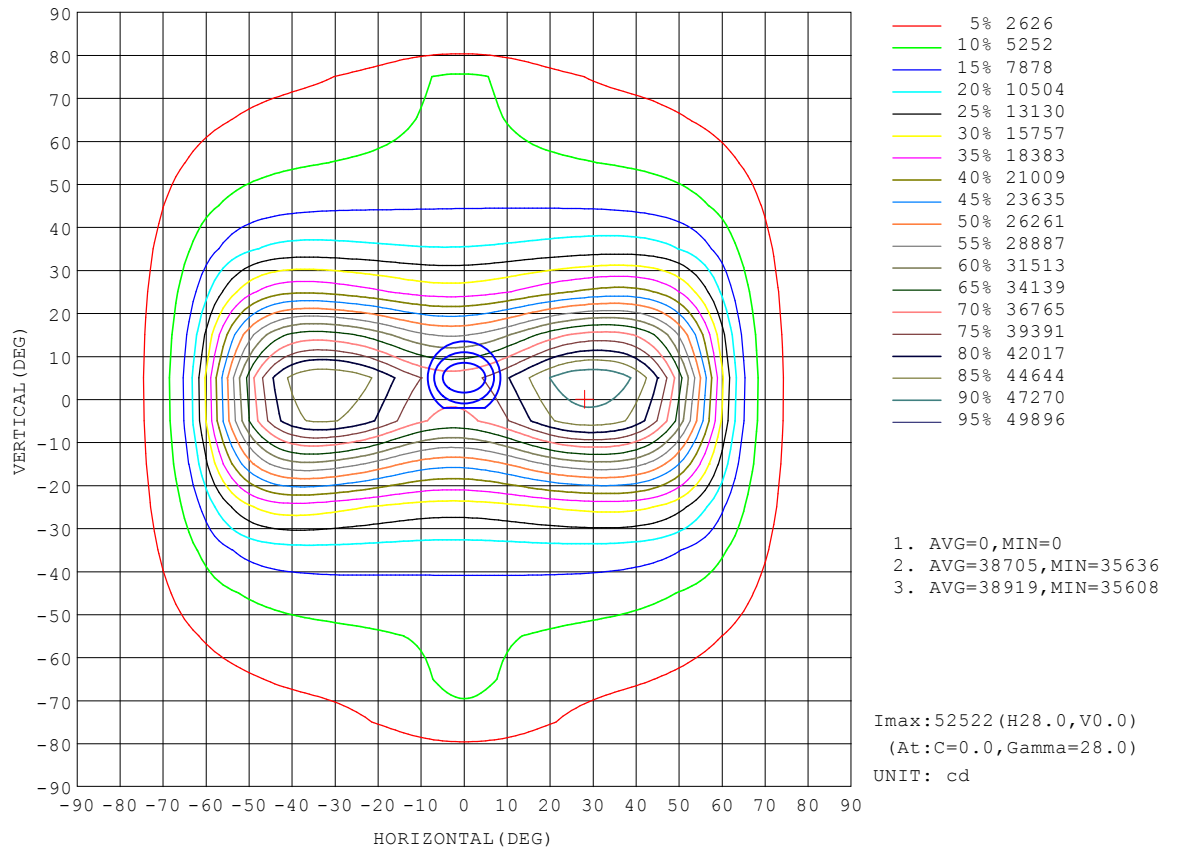
NEMA Beam Type: Type 7

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H( $\beta$ ) Range:-90 - 90DEG
H( $\beta$ ) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:31 October 2019
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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:
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ISOCANDELA DIAGRAM

Test:U:219.85V I:2.5386A P:550.07W PF:0.9856 Freq:49.99Hz Lamp Flux:72627.1x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

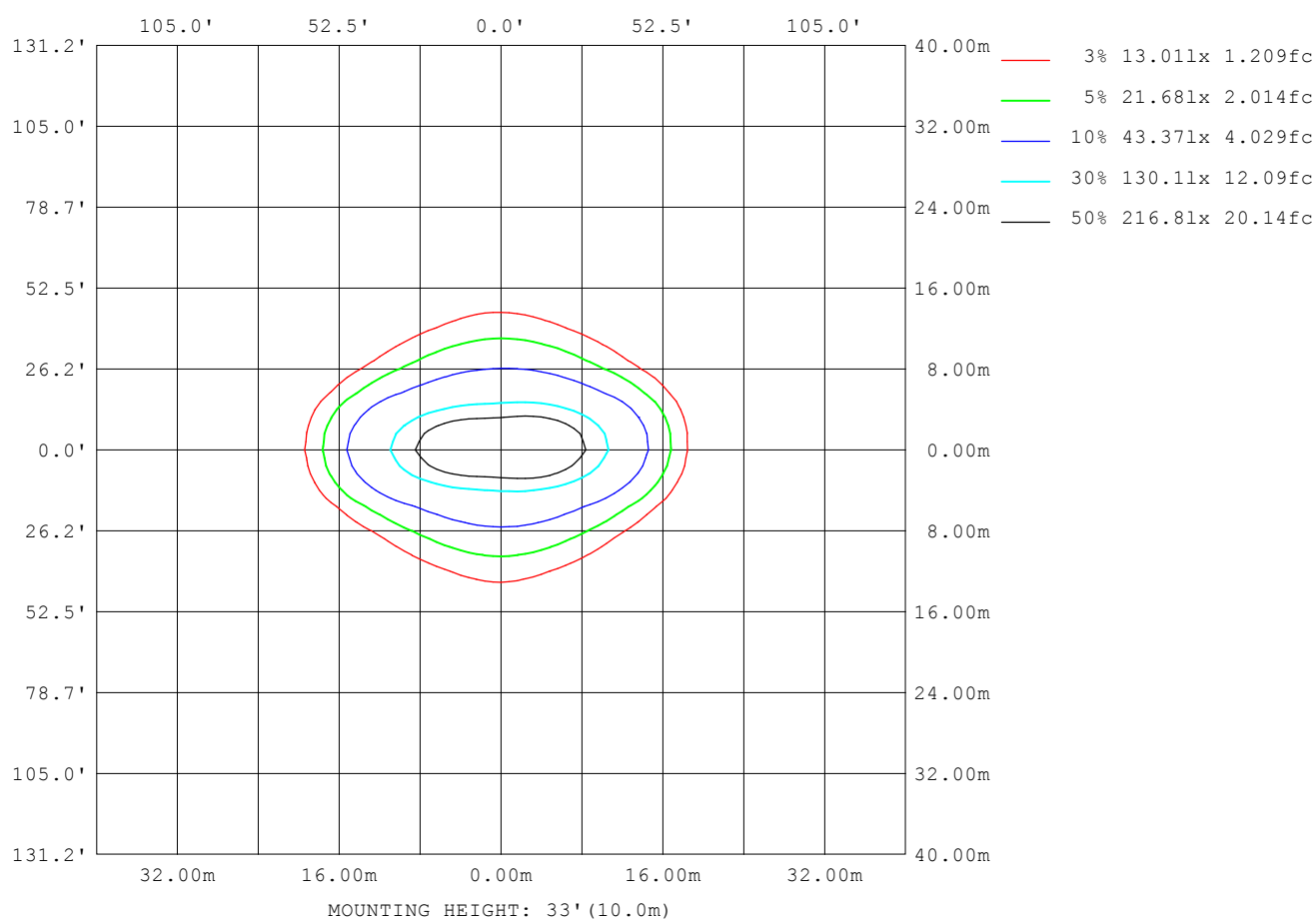


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:31 October 2019

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

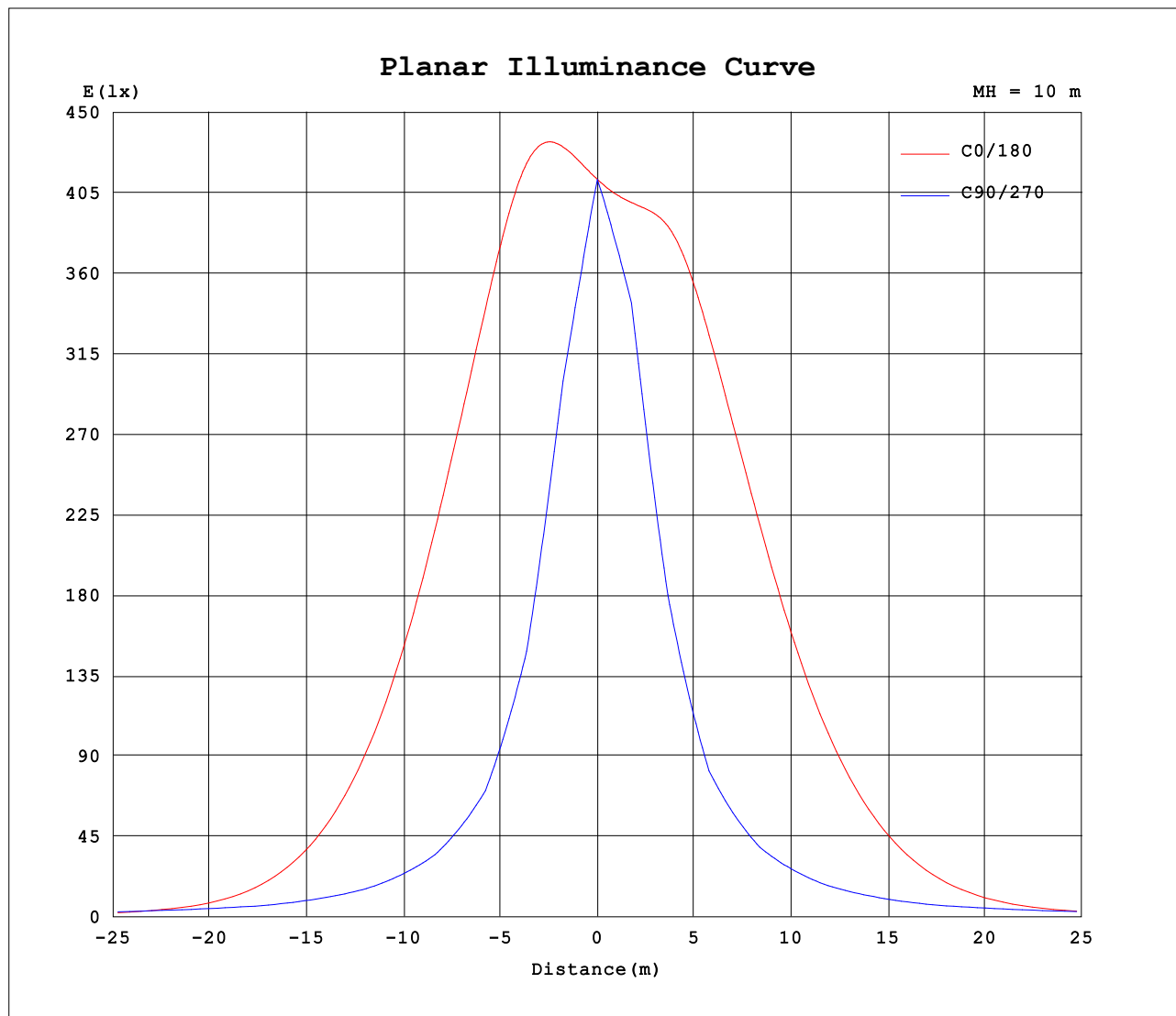
Test:U:219.85V I:2.5386A P:550.07W PF:0.9856 Freq:49.99Hz Lamp Flux:72627.1x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:31 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



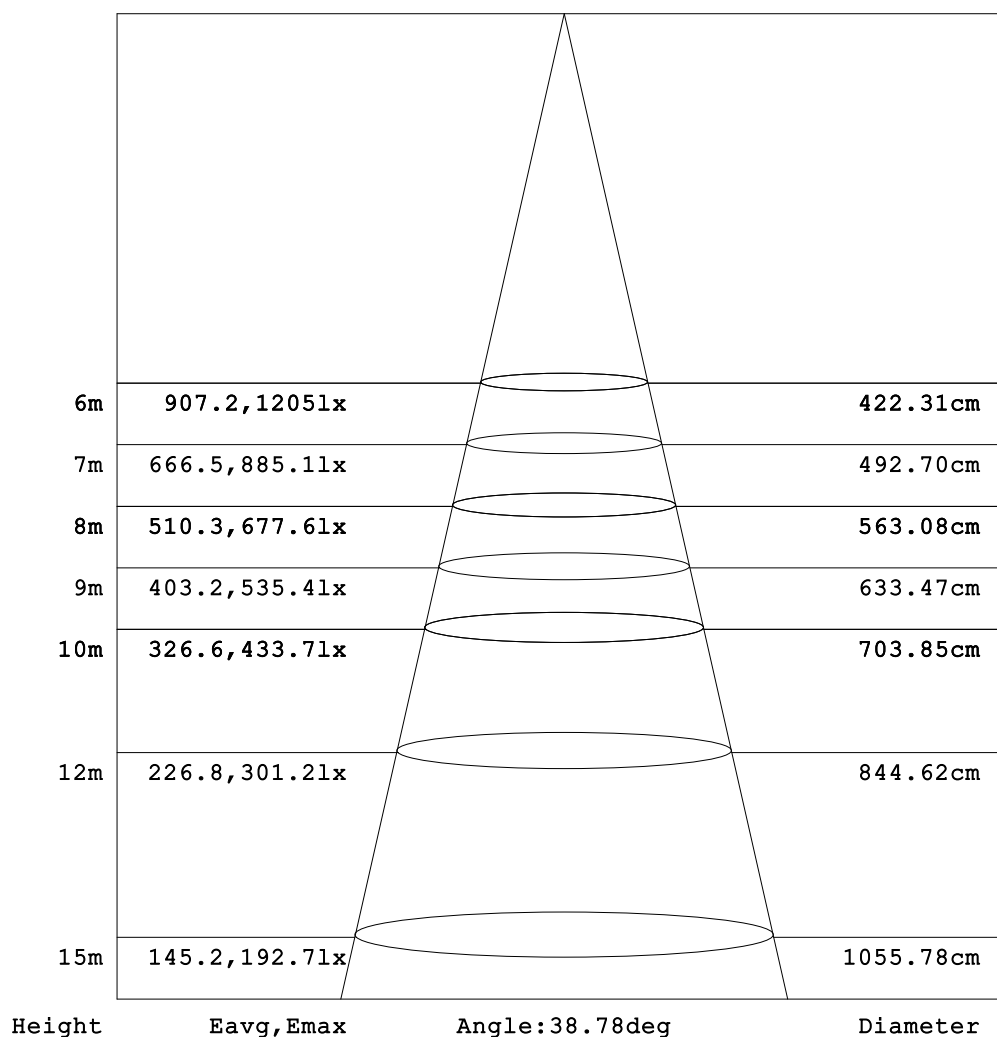
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:31 October 2019

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:219.85V I:2.5386A P:550.07W PF:0.9856 Freq:49.99Hz Lamp Flux:72627.1x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:12867 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:31 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:219.85V I:2.5386A P:550.07W PF:0.9856 Freq:49.99Hz Lamp Flux:72627.1x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	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	3.13	5.16	13.6	26.3	36.9	47.9	59.5	71.1	83.1	94.7	108	124	147	177	218	270	324	361	370
-75	2.67	5.76	20.0	41.5	59.5	78.0	96.7	115	134	152	169	186	207	236	277	337	410	467	486
-70	3.16	9.38	34.6	64.1	89.5	116	141	167	192	217	237	255	277	308	357	432	524	586	600
-65	2.20	9.55	40.1	78.3	112	146	181	213	244	271	293	310	328	353	388	437	497	543	559
-60	3.05	17.5	61.9	106	148	191	233	271	307	336	356	371	388	410	437	465	492	512	517
-55	1.77	14.8	64.4	117	169	226	281	331	372	404	430	449	466	482	501	521	541	555	560
-50	2.92	26.6	90.2	149	213	283	350	408	451	485	512	533	550	562	574	586	596	602	603
-45	1.42	22.0	89.1	156	231	320	413	493	552	594	623	644	658	667	674	679	684	688	690
-40	3.01	39.2	115	190	283	396	510	605	672	717	744	761	771	775	776	775	775	775	776
-35	1.23	31.3	109	188	291	430	598	758	870	934	961	969	967	960	951	942	935	932	932
-30	3.25	52.7	132	222	348	528	754	965	1102	1167	1184	1177	1160	1141	1122	1105	1093	1088	1089
-25	1.20	42.9	123	214	348	561	890	1256	1531	1681	1727	1707	1657	1602	1547	1496	1458	1438	1439
-20	3.56	65.5	147	250	418	704	1180	1675	2039	2227	2270	2219	2132	2042	1951	1869	1811	1786	1793
-15	1.06	51.6	133	233	399	700	1276	1968	2537	2901	3076	3102	3036	2929	2791	2638	2518	2457	2458
-10	4.11	69.5	155	268	472	876	1655	2517	3213	3675	3913	3970	3902	3766	3570	3352	3191	3119	3139
-5	0.00	55.1	139	246	433	807	1587	2563	3407	4006	4357	4489	4473	4362	4163	3915	3716	3615	3619
0	6.39	72.2	161	280	504	977	1910	2981	3880	4518	4884	5022	5013	4893	4658	4385	4185	4096	4127
5	0.00	55.9	141	249	440	823	1620	2630	3512	4145	4526	4681	4688	4592	4398	4145	3940	3837	3847
10	6.76	71.5	159	276	487	912	1733	2665	3437	3966	4261	4362	4339	4231	4038	3809	3636	3562	3597
15	0.65	54.7	139	243	417	740	1360	2125	2777	3218	3459	3533	3499	3404	3261	3083	2935	2863	2873
20	6.62	69.4	155	264	445	761	1295	1873	2327	2597	2710	2705	2628	2528	2414	2289	2193	2153	2173
25	0.83	51.7	132	228	374	610	981	1409	1753	1962	2052	2056	2010	1946	1876	1799	1736	1705	1711
30	6.32	63.9	144	240	380	583	843	1101	1284	1379	1406	1395	1368	1337	1307	1280	1261	1253	1260
35	1.13	46.7	120	206	319	477	670	861	1006	1091	1127	1132	1123	1108	1092	1078	1066	1062	1065
40	5.97	56.9	128	211	315	444	577	688	770	823	853	867	872	873	871	870	869	870	872
45	1.26	39.9	103	174	260	361	468	561	630	679	712	733	745	751	756	759	763	766	768
50	5.98	46.2	104	169	243	322	400	465	513	551	581	604	620	632	642	651	659	664	665
55	1.71	31.4	80.7	135	196	261	325	382	428	463	491	512	530	547	564	581	597	607	610
60	5.01	35.1	78.4	124	174	226	274	319	358	387	409	428	447	469	493	518	540	553	554
65	2.43	22.3	57.3	95.2	136	178	218	256	291	319	342	361	382	409	444	489	537	573	583
70	4.55	22.7	51.2	81.6	113	146	178	208	236	262	282	302	327	361	412	479	551	601	608
75	2.90	13.0	34.1	56.9	80.6	105	130	154	177	199	218	238	264	301	351	421	495	547	560
80	4.20	10.4	26.0	41.4	57.7	74.8	92.3	110	127	144	161	183	214	257	316	394	466	504	508
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:31 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:219.85V I:2.5386A P:550.07W PF:0.9856 Freq:49.99Hz Lamp Flux:72627.1x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	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	348	301	245	194	155	127	105	89.1	75.6	63.0	51.0	39.9	29.2	19.5	12.2	5.79	2.96	2.12	
-75	467	415	342	277	231	199	176	157	140	121	101	82.6	64.0	46.1	30.1	14.0	4.37	2.27	
-70	571	501	411	339	292	261	238	219	196	171	144	118	91.5	65.9	41.9	16.6	4.37	2.06	
-65	545	503	444	390	351	323	302	282	259	231	199	166	132	98.0	65.5	32.5	7.62	2.29	
-60	506	482	452	423	396	375	357	338	312	279	240	201	159	117	76.7	35.3	6.72	2.07	
-55	554	539	519	497	476	457	438	416	388	354	312	262	209	156	105	57.3	13.5	2.31	
-50	599	589	576	562	547	531	510	484	452	414	364	303	238	174	115	58.9	11.2	2.02	
-45	688	683	677	668	658	645	626	600	564	518	460	386	302	218	146	82.3	21.7	2.35	
-40	776	775	774	771	764	752	733	703	660	602	529	436	331	232	150	80.7	15.9	2.02	
-35	935	941	947	952	954	951	939	915	870	797	692	557	411	281	182	103	32.1	2.42	
-30	1097	1109	1122	1134	1143	1146	1139	1113	1056	955	805	619	435	286	180	97.6	24.9	2.07	
-25	1459	1496	1543	1589	1626	1654	1664	1637	1553	1390	1136	825	538	339	210	119	42.0	2.53	
-20	1833	1900	1983	2060	2122	2169	2185	2138	1998	1737	1348	904	548	330	199	108	31.6	2.16	
-15	2521	2636	2784	2928	3028	3077	3068	2969	2741	2361	1823	1207	682	390	229	129	47.9	2.66	
-10	3247	3428	3648	3844	3962	3992	3928	3731	3357	2795	2055	1269	666	369	214	115	35.6	2.18	
-5	3726	3921	4175	4422	4581	4620	4549	4335	3922	3292	2463	1548	794	424	240	134	50.5	2.95	
0	4270	4510	4808	5083	5234	5237	5112	4809	4269	3488	2505	1479	727	384	217	117	36.1	1.92	
5	3966	4179	4457	4732	4911	4956	4881	4652	4203	3518	2621	1629	819	430	241	135	50.9	3.24	
10	3733	3953	4222	4473	4627	4664	4588	4352	3899	3222	2340	1408	702	379	216	117	36.3	2.29	
15	2964	3123	3331	3540	3692	3772	3771	3649	3355	2863	2177	1393	740	406	234	131	49.0	3.29	
20	2248	2372	2528	2679	2800	2893	2928	2859	2645	2259	1704	1079	602	346	204	111	33.2	2.44	
25	1752	1823	1918	2016	2099	2167	2205	2182	2068	1835	1464	1006	603	360	218	123	44.9	3.24	
30	1279	1310	1348	1389	1429	1463	1484	1476	1418	1284	1049	748	485	305	189	102	29.7	2.54	
35	1075	1092	1113	1136	1157	1175	1184	1174	1132	1043	887	677	467	306	194	110	38.9	3.19	
40	876	881	886	891	894	893	884	862	819	750	648	516	375	255	163	87.7	23.9	2.67	
45	769	769	768	766	763	756	744	722	687	634	560	460	349	246	162	91.8	31.0	3.14	
50	662	656	648	639	630	617	597	570	536	493	435	361	278	200	131	69.8	18.6	2.79	
55	604	592	576	560	544	528	511	488	459	422	373	314	248	182	123	68.9	21.9	3.10	
60	542	522	498	474	452	433	416	396	369	333	289	242	190	140	92.1	47.8	11.5	2.93	
65	562	519	470	429	399	375	355	336	311	280	243	204	162	121	81.0	44.2	13.2	3.09	
70	567	496	425	371	335	308	287	267	242	213	182	150	117	85.2	55.0	26.6	6.61	3.04	
75	532	469	394	329	283	250	226	207	187	163	139	114	88.8	64.8	42.1	21.5	6.51	3.12	
80	476	413	333	265	217	181	157	139	122	104	85.4	67.6	50.7	35.0	20.4	9.37	3.33	3.14	
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:31 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: