

**Floodlight Summary:**

Report based on lamp delivering 1000 lumens.

Maximum Intensity	571.5 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	120.5V x 122.9H
	At 50% of Imax	82.1V x 81.2H
	At 90% of Imax	46.8V x 46.1H

Beam Flux	Total	999.1 lumens per klm.
	To 10% of Imax	922.2 lumens per klm.
	To 50% of Imax	691.8 lumens per klm.
	To 90% of Imax	279.2 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

Luminaire Efficiency (Light Output Ratio)	100.0 %
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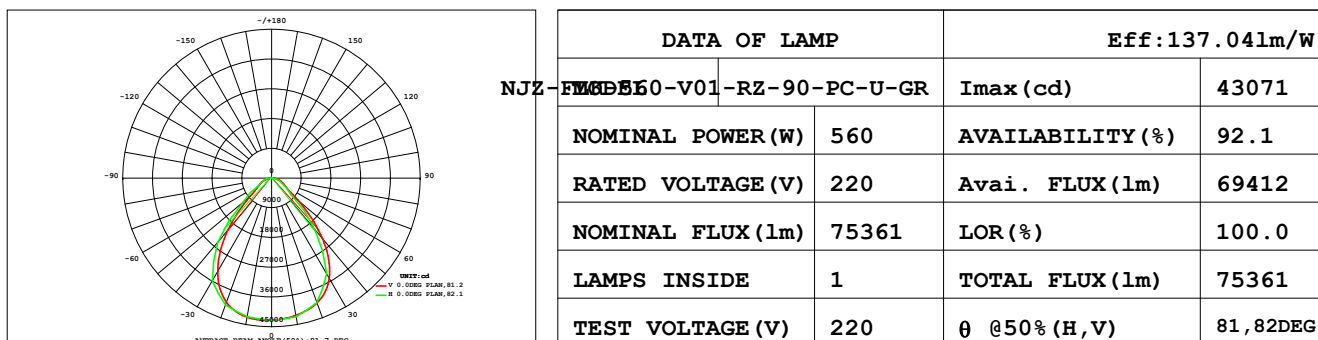
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H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 November 2019

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:220.05V I:2.5358A P:549.93W PF:0.9855 Freq:49.99Hz Lamp Flux:75361x1 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



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	0.37	3.98	12.4	24.0	37.3	50.8	62.6	70.1	73.4	73.5	70.2	62.2	49.6	35.7	22.0	10.5	2.83	0.19	662	0.00
70	0.69	7.26	20.9	38.4	57.3	77.1	94.9	107	113	113	108	96.0	77.6	57.7	38.0	19.8	6.08	0.42	1034	88.0
60	1.07	10.6	29.2	52.7	80.1	111	149	191	219	218	190	149	112	81.2	53.3	28.7	9.41	0.73	1686	1247
50	1.40	13.1	35.2	64.7	105	178	301	434	515	509	420	289	174	105	65.5	35.2	12.0	1.04	3257	3010
40	1.68	15.0	40.2	76.3	148	334	603	826	933	925	797	565	310	144	76.8	40.3	14.0	1.29	5849	5671
30	1.87	16.4	44.1	88.8	225	538	869	1085	1178	1175	1065	824	495	209	88.4	44.4	15.5	1.50	7964	7820
20	2.00	17.3	47.0	102	309	678	1001	1187	1268	1272	1184	967	629	279	99.9	47.2	16.4	1.63	9107	8982
10	2.05	17.7	48.4	112	353	733	1042	1213	1291	1301	1226	1022	688	319	107	48.7	17.0	1.70	9542	9426
0	2.04	17.7	48.3	111	346	721	1030	1205	1288	1300	1223	1015	678	310	106	48.2	16.8	1.67	9468	9349
-10	1.94	17.0	46.3	99.8	289	640	960	1157	1250	1257	1165	940	597	259	96.0	46.3	16.3	1.59	8840	8713
-20	1.77	15.9	43.2	85.9	205	483	795	1015	1119	1119	1006	763	443	184	83.8	43.0	15.1	1.42	7422	7271
-30	1.49	14.2	38.8	73.1	132	285	519	722	828	823	701	485	259	125	72.7	38.6	13.5	1.18	5132	4939
-40	1.17	12.2	33.5	61.6	95.2	144	241	352	422	415	335	222	136	93.5	61.2	33.0	11.3	0.85	2670	2363
-50	0.80	9.55	27.0	49.2	73.9	97.1	113	128	141	140	127	113	96.4	73.3	48.5	25.9	8.48	0.53	1273	532
-60	0.48	6.36	18.8	34.6	51.9	69.0	83.4	90.7	92.1	92.0	90.4	82.9	68.0	50.3	32.8	16.8	4.98	0.26	886	0.00
-70	0.23	2.92	9.17	17.8	27.8	37.7	46.5	51.7	53.8	53.5	50.9	45.4	36.1	25.7	15.5	7.12	1.82	0.10	484	0.00
-80	0.06	0.40	1.35	2.98	5.02	6.83	8.78	10.3	10.7	10.4	9.47	7.57	5.27	3.43	1.64	0.51	0.10	0.01	84.7	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
HORIZONTAL (DEG)																				
Φ t	21.1	198	544	1095	2539	5185	7920	9844	10794	10796	9767	7647	4855	2356	1069	534	182	16.1	75361	---
Φ a	0.00	0.00	27.1	646	2164	4822	7551	9482	10450	10446	9420	7289	4478	1978	633	27.7	0.00	0.00	---	69412

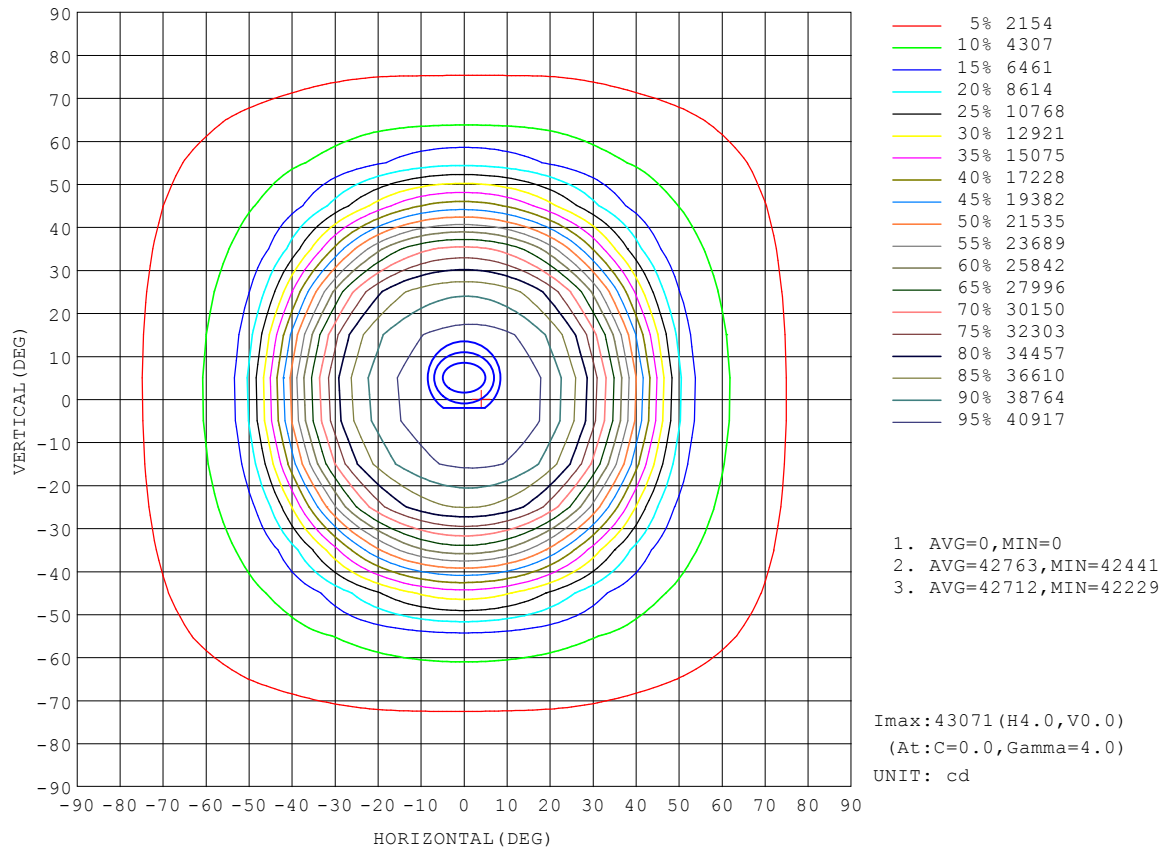
one-half-peak spread: U:39.5,D:43.0 , L:45.9,R:35.5 NEMA Beam Type: Type 6

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 November 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:220.05V I:2.5358A P:549.93W PF:0.9855 Freq:49.99Hz Lamp Flux:75361x1 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

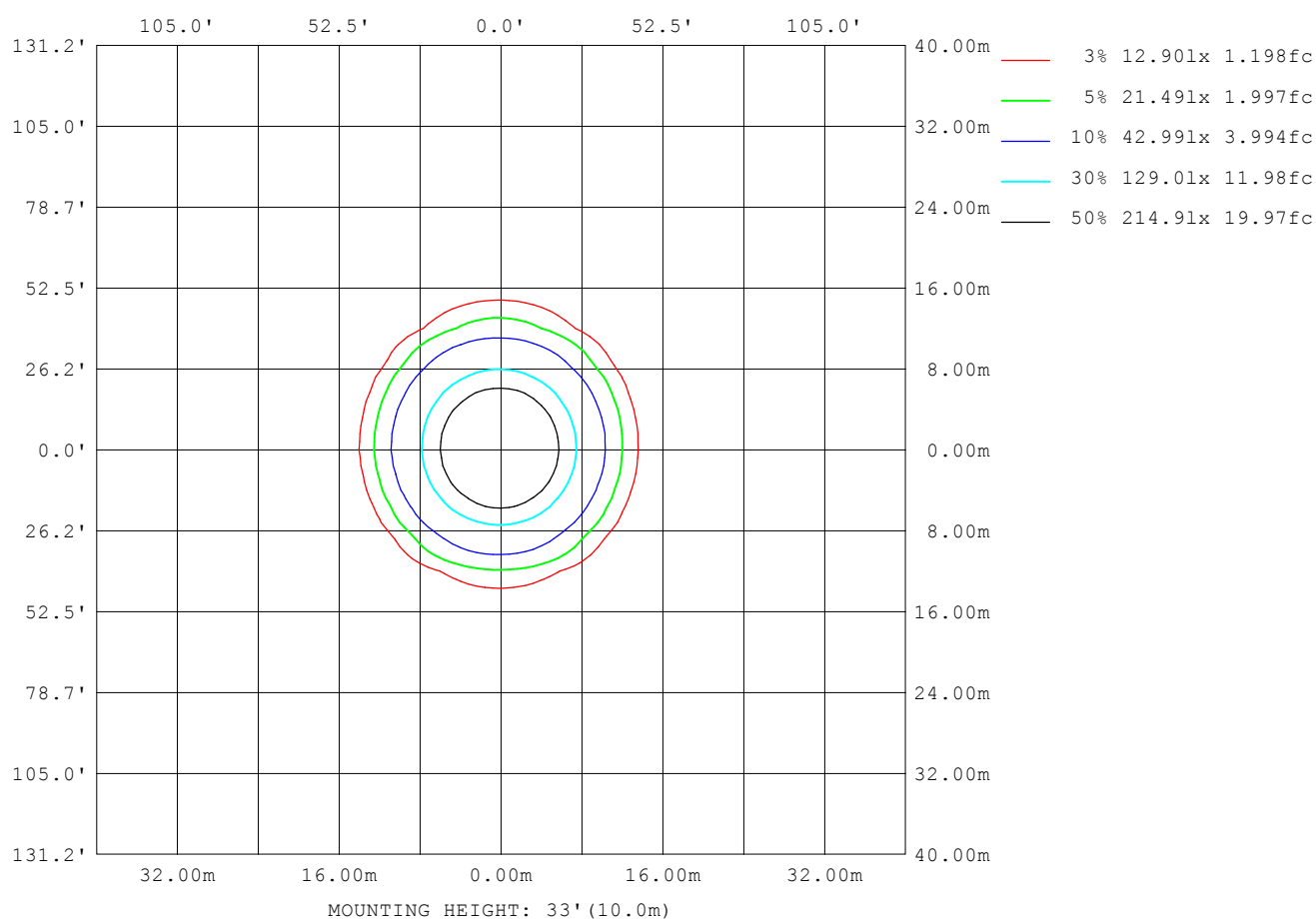


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 November 2019

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

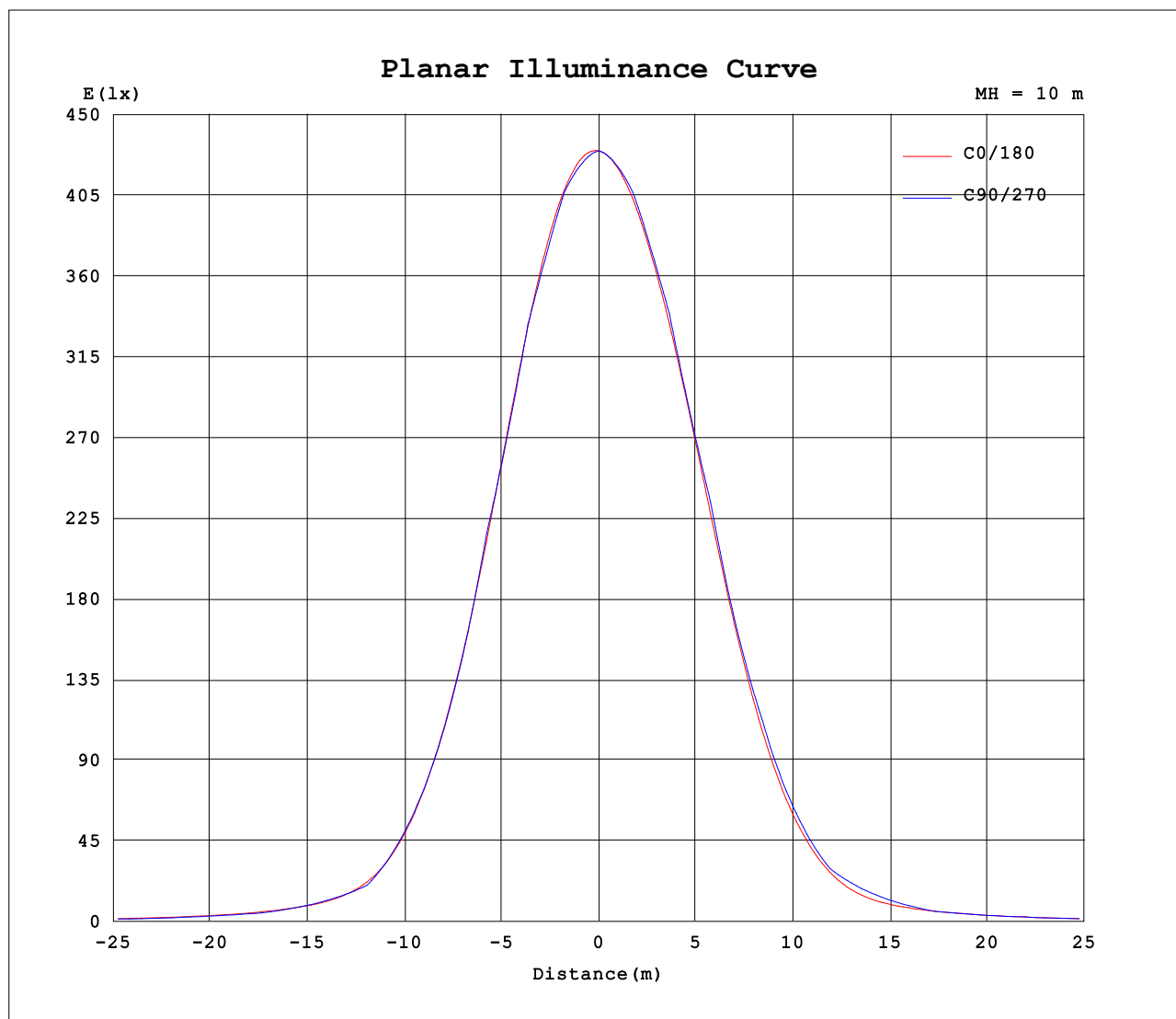
Test:U:220.05V I:2.5358A P:549.93W PF:0.9855 Freq:49.99Hz Lamp Flux:75361x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 November 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



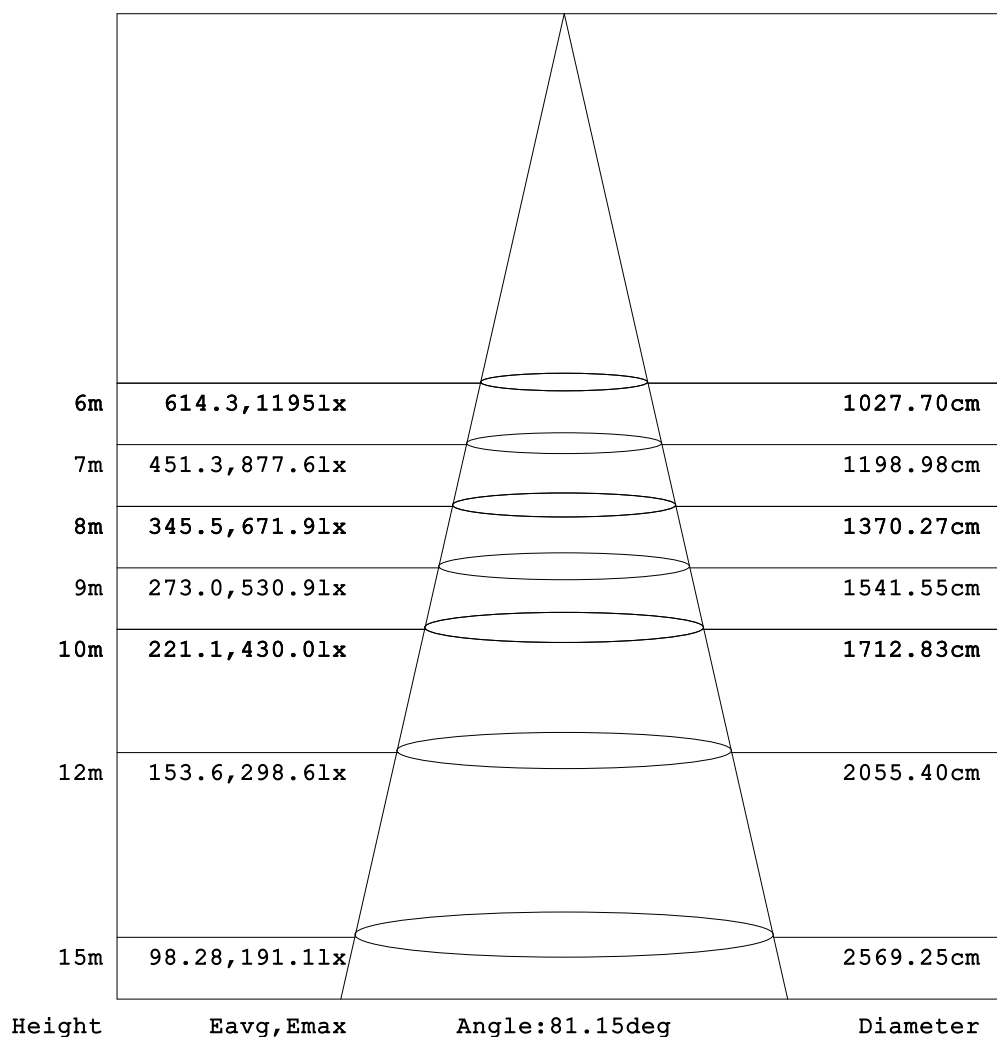
$H(\beta)$  Range:-90 - 90DEG  
 $H(\beta)$  Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:01 November 2019

$V(B)$  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:220.05V I:2.5358A P:549.93W PF:0.9855 Freq:49.99Hz Lamp Flux:75361x1 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:52498 lm



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:01 November 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:220.05V I:2.5358A P:549.93W PF:0.9855 Freq:49.99Hz Lamp Flux:75361x1 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	2.03	3.71	8.98	17.6	26.4	36.4	46.7	55.7	65.3	73.6	80.1	86.1	92.6	98.4	103	106	107	107	106
-75	1.68	4.53	14.5	33.6	51.3	68.9	84.4	99.5	115	127	138	149	159	168	174	177	178	179	179
-70	2.15	7.63	26.8	56.8	83.7	108	128	150	170	186	201	217	230	240	246	249	250	251	252
-65	1.45	7.64	31.9	71.9	108	140	167	192	216	237	257	276	293	307	317	323	326	328	329
-60	2.18	13.7	52.2	102	146	183	215	245	271	296	320	342	362	379	391	399	403	405	406
-55	1.21	11.9	53.7	109	161	202	241	276	309	340	372	403	435	467	500	532	561	580	587
-50	2.22	21.6	77.7	139	194	238	280	320	359	397	437	478	521	569	622	678	727	760	768
-45	1.00	18.3	75.5	140	202	252	299	345	392	443	508	604	739	899	1059	1205	1320	1393	1416
-40	2.38	32.2	98.7	170	232	284	336	388	444	512	611	778	1018	1296	1558	1785	1950	2043	2062
-35	0.88	25.8	92.6	165	235	291	348	407	478	589	790	1090	1447	1809	2126	2380	2559	2665	2698
-30	2.57	43.4	112	193	260	320	383	452	547	728	1076	1540	2024	2459	2807	3058	3222	3311	3332
-25	0.85	34.6	104	186	259	323	390	468	594	863	1304	1836	2356	2803	3147	3390	3548	3639	3672
-20	2.84	54.3	123	214	284	351	425	522	718	1151	1737	2348	2882	3303	3600	3796	3920	3990	4013
-15	0.83	41.6	112	201	277	346	422	525	743	1218	1845	2474	3016	3432	3719	3906	4027	4100	4134
-10	3.06	58.1	129	226	297	370	455	586	917	1526	2211	2836	3338	3696	3926	4074	4170	4230	4260
-5	0.37	44.6	116	210	287	359	443	567	876	1475	2169	2811	3330	3701	3937	4085	4180	4241	4275
0	4.02	60.5	132	232	305	379	471	626	1037	1698	2399	3015	3494	3821	4020	4140	4219	4269	4299
5	0.22	45.0	117	212	288	361	446	574	899	1516	2217	2857	3372	3739	3967	4103	4187	4242	4274
10	4.00	59.1	131	229	300	374	461	603	971	1613	2307	2927	3422	3768	3980	4106	4182	4231	4257
15	0.55	43.5	115	207	281	351	430	541	796	1329	1989	2627	3163	3565	3829	3990	4085	4142	4170
20	3.89	56.6	128	221	289	358	436	544	791	1302	1937	2560	3088	3488	3756	3920	4016	4068	4086
25	0.73	40.2	109	195	266	331	401	487	642	986	1508	2089	2630	3075	3400	3615	3744	3816	3843
30	3.64	50.7	119	204	269	331	396	473	595	857	1309	1847	2367	2811	3146	3372	3510	3582	3598
35	0.97	35.2	99.3	177	244	302	362	426	511	665	948	1339	1772	2178	2521	2778	2946	3039	3068
40	3.39	43.7	107	182	243	297	351	407	472	564	729	1003	1347	1696	2013	2264	2431	2518	2533
45	1.26	28.8	85.2	153	215	265	314	363	415	479	576	731	935	1158	1380	1574	1717	1802	1826
50	3.05	34.2	88.5	152	207	253	297	339	381	426	476	534	611	712	831	950	1047	1105	1115
55	1.57	21.5	66.6	123	176	219	258	296	332	367	405	446	494	553	621	688	744	781	792
60	2.78	24.1	65.9	117	162	201	235	267	296	324	350	376	400	421	438	451	460	466	468
65	1.83	14.0	44.8	85.1	125	159	188	217	242	264	287	308	328	345	358	367	373	377	379
70	2.52	13.8	38.9	70.1	102	129	153	179	197	214	232	249	264	275	283	287	288	290	291
75	2.04	7.14	23.3	44.7	67.7	89.0	108	127	144	158	173	186	198	208	214	218	220	221	222
80	2.36	5.16	15.7	28.3	42.1	56.9	71.1	83.3	97.0	109	119	128	137	143	147	150	152	153	153
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:01 November 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:220.05V I:2.5358A P:549.93W PF:0.9855 Freq:49.99Hz Lamp Flux:75361x1 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	105	104	101	97.4	91.9	84.5	76.4	68.9	61.7	52.5	42.4	32.7	23.0	14.8	8.73	3.42	1.61	1.02	
-75	178	176	175	171	165	157	145	133	121	107	91.2	74.4	58.4	41.4	25.4	10.6	2.79	1.12	
-70	250	248	247	243	236	225	210	193	175	156	133	109	87.2	61.5	36.1	13.2	2.73	0.99	
-65	328	326	323	318	308	294	276	256	235	213	188	160	131	98.8	63.5	28.1	5.82	1.14	
-60	405	403	398	390	376	357	335	311	287	261	233	199	163	122	76.8	30.4	5.21	0.97	
-55	580	561	534	503	471	439	407	376	344	313	279	242	202	158	107	52.2	10.9	1.15	
-50	750	710	658	603	553	509	467	428	389	352	312	270	225	175	115	52.6	8.23	0.94	
-45	1389	1312	1193	1046	886	734	606	515	451	401	354	307	258	206	144	75.2	17.5	1.15	
-40	2005	1873	1673	1425	1156	904	704	572	491	431	378	325	271	214	145	72.0	12.5	0.92	
-35	2661	2549	2360	2095	1770	1416	1077	794	601	490	420	361	302	242	172	93.5	26.5	1.19	
-30	3285	3163	2952	2643	2245	1788	1329	924	654	518	438	372	309	245	168	87.0	20.2	0.93	
-25	3650	3563	3398	3134	2764	2305	1793	1283	863	606	483	404	336	270	193	106	35.7	1.25	
-20	3991	3911	3756	3495	3113	2622	2051	1455	941	630	492	408	336	267	183	96.1	26.1	0.98	
-15	4130	4078	3961	3750	3420	2969	2416	1799	1203	759	541	439	361	289	207	115	41.6	1.33	
-10	4257	4209	4099	3893	3565	3110	2541	1893	1252	768	540	436	356	282	194	103	29.9	0.99	
-5	4284	4253	4167	3994	3705	3288	2750	2115	1448	885	584	461	375	300	214	119	44.4	1.45	
0	4306	4273	4182	3999	3699	3269	2717	2068	1388	837	564	448	364	288	196	105	30.6	0.91	
5	4283	4255	4173	4007	3726	3319	2789	2157	1485	908	592	464	378	302	214	119	44.9	1.55	
10	4256	4215	4114	3921	3611	3175	2621	1978	1325	805	553	443	361	286	194	104	30.7	0.94	
15	4166	4120	4016	3822	3514	3085	2547	1927	1302	809	558	448	368	294	208	116	43.0	1.56	
20	4065	3995	3856	3619	3264	2796	2234	1621	1052	675	509	419	344	273	184	98.1	27.6	1.05	
25	3821	3743	3594	3348	2994	2541	2016	1467	977	653	502	417	346	277	195	108	38.5	1.55	
30	3556	3445	3250	2953	2557	2086	1576	1101	739	550	456	385	319	254	170	89.4	23.9	1.12	
35	3031	2922	2733	2458	2107	1708	1300	939	674	523	440	376	314	252	176	96.0	32.2	1.52	
40	2474	2337	2120	1834	1503	1165	866	654	531	457	397	341	284	225	148	75.8	18.3	1.22	
45	1791	1695	1543	1348	1131	915	725	582	489	428	376	326	274	219	151	79.7	24.5	1.50	
50	1078	1000	894	778	670	583	518	466	420	378	335	289	242	189	123	59.6	13.5	1.28	
55	778	740	685	621	557	500	454	414	378	342	305	265	223	176	118	59.2	16.4	1.48	
60	466	461	452	438	420	398	373	348	321	292	260	225	186	141	87.6	39.2	7.64	1.37	
65	379	377	372	364	351	333	313	292	269	246	219	188	156	119	76.5	35.8	8.84	1.47	
70	291	291	290	286	276	262	245	227	209	190	166	139	112	80.5	47.5	19.2	3.73	1.43	
75	222	221	220	216	209	198	185	171	156	140	121	101	80.2	57.7	35.0	15.5	3.95	1.49	
80	153	151	148	145	138	130	120	109	97.3	83.1	68.8	55.1	39.5	25.4	13.7	5.68	1.87	1.48	
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:01 November 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: