

**Floodlight Summary:**

Report based on lamp delivering 1000 lumens.

Maximum Intensity	334.3 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	158.9V x 152.1H
	At 50% of Imax	121.9V x 115.7H
	At 90% of Imax	59.8V x 55.7H

Beam Flux	Total	997.9 lumens per klm.
	To 10% of Imax	985.8 lumens per klm.
	To 50% of Imax	797.4 lumens per klm.
	To 90% of Imax	245.5 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.8 %

Luminaire Efficiency (Light Output Ratio)	100.0 %
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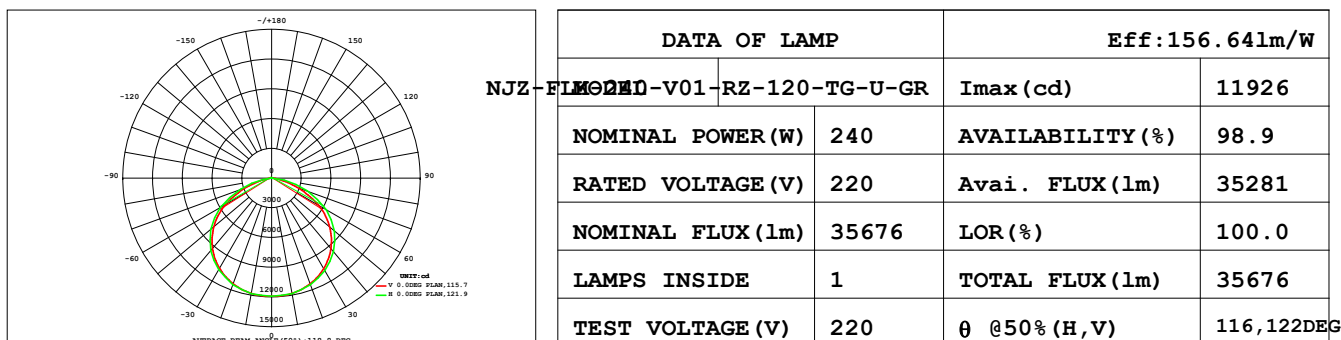
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H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:22 October 2019

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:219.99V I:1.0464A P:227.75W PF:0.9894 Freq:49.99Hz Lamp Flux:35676x1 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



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	0.08	0.74	3.24	9.43	19.6	32.1	45.0	54.9	59.9	59.7	54.4	44.2	31.1	18.6	8.66	2.80	0.60	0.06	445	335
70	0.12	1.75	9.37	26.6	52.0	80.8	108	129	140	140	129	107	79.9	50.8	25.5	8.61	1.46	0.10	1089	1060
60	0.18	3.65	18.8	49.2	89.8	133	171	199	214	214	199	170	132	88.6	48.0	17.9	3.22	0.14	1750	1734
50	0.27	5.98	29.1	71.1	123	175	219	251	267	267	250	219	174	122	70.0	28.1	5.50	0.22	2277	2267
40	0.38	8.43	38.6	89.4	149	205	254	289	307	307	289	253	205	148	88.2	37.5	7.86	0.31	2676	2668
30	0.48	10.5	46.0	103	166	227	279	316	335	335	316	278	227	166	102	45.2	10.0	0.40	2962	2956
	0.55	12.1	51.0	112	178	241	295	333	352	352	333	294	241	177	111	50.1	11.5	0.47	3144	3138
	0.59	12.9	53.5	116	183	248	302	341	360	360	341	302	247	183	115	52.8	12.3	0.51	3229	3224
	0.59	12.9	53.5	116	183	248	302	340	360	360	340	302	247	182	115	52.7	12.3	0.51	3227	3221
	0.54	12.0	50.8	111	177	241	294	333	352	352	333	294	241	177	111	50.4	11.6	0.48	3143	3137
-30	0.47	10.6	46.1	103	166	228	280	317	336	336	317	279	228	166	103	45.6	10.2	0.41	2972	2966
-40	0.36	8.52	39.1	90.2	150	207	256	292	310	310	292	256	208	150	90.3	38.9	8.31	0.33	2708	2700
-50	0.26	6.20	30.2	73.2	126	179	223	256	273	273	256	224	179	126	73.2	30.0	5.99	0.23	2334	2324
-60	0.16	3.86	20.3	52.6	95.1	140	179	208	223	223	208	179	140	95.5	52.7	20.2	3.77	0.14	1844	1830
-70	0.09	1.96	10.9	30.8	59.4	91.7	121	145	156	156	145	121	91.9	59.5	30.7	10.7	1.85	0.09	1234	1210
-80	0.06	0.70	3.84	11.9	25.3	41.7	57.6	70.5	77.1	77.1	70.6	57.6	41.7	25.3	11.8	3.72	0.66	0.06	577	510
-90	0.02	0.11	0.29	0.88	2.20	4.22	6.64	8.60	9.73	9.72	8.56	6.58	4.13	2.10	0.80	0.25	0.10	0.02	64.9	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	5.19	113	505	1165	1945	2721	3392	3881	4133	4133	3879	3388	2716	1937	1156	495	107	4.46	35676	---
Φ a	0.00	69.9	474	1137	1923	2702	3373	3865	4117	4117	3863	3369	2698	1916	1128	465	65.5	0.00	---	35281

one-half-peak spread: U:62.0,D:60.4 , L:58.2,R:58.0

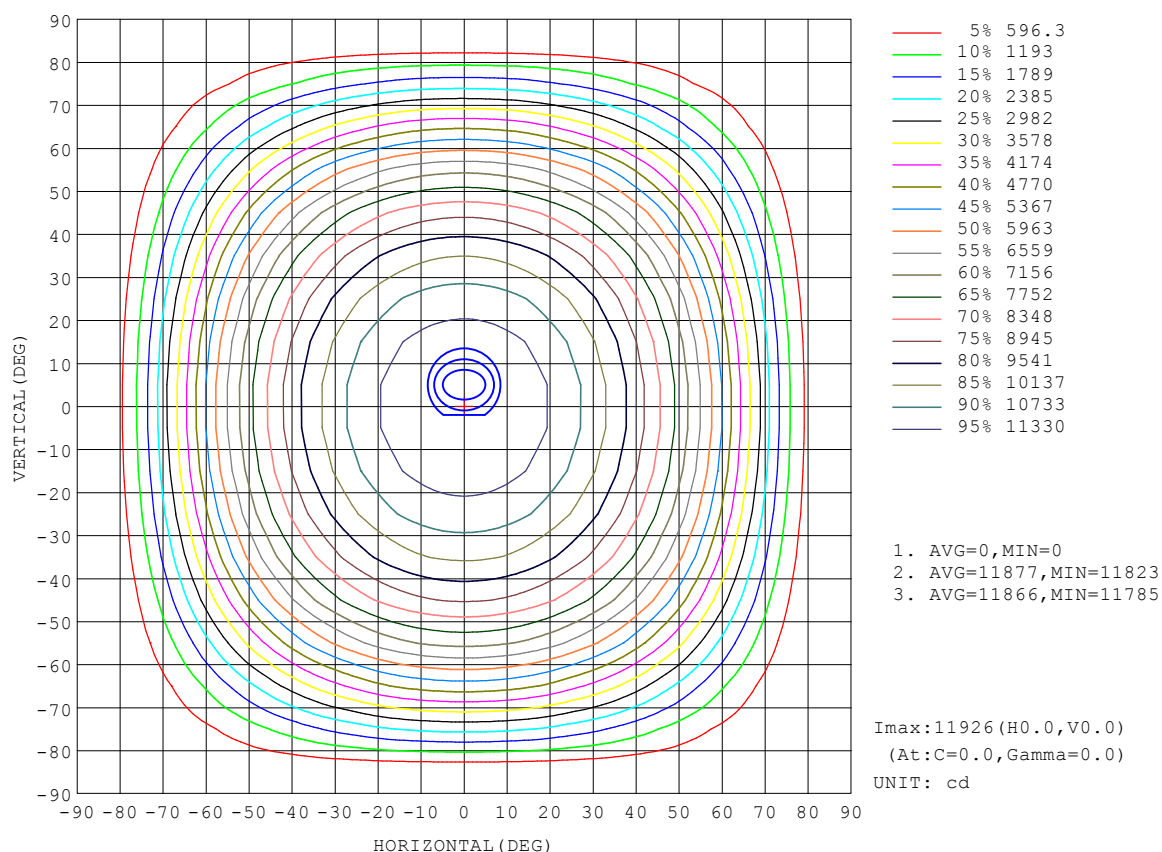
NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:22 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:219.99V I:1.0464A P:227.75W PF:0.9894 Freq:49.99Hz Lamp Flux:35676x1 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

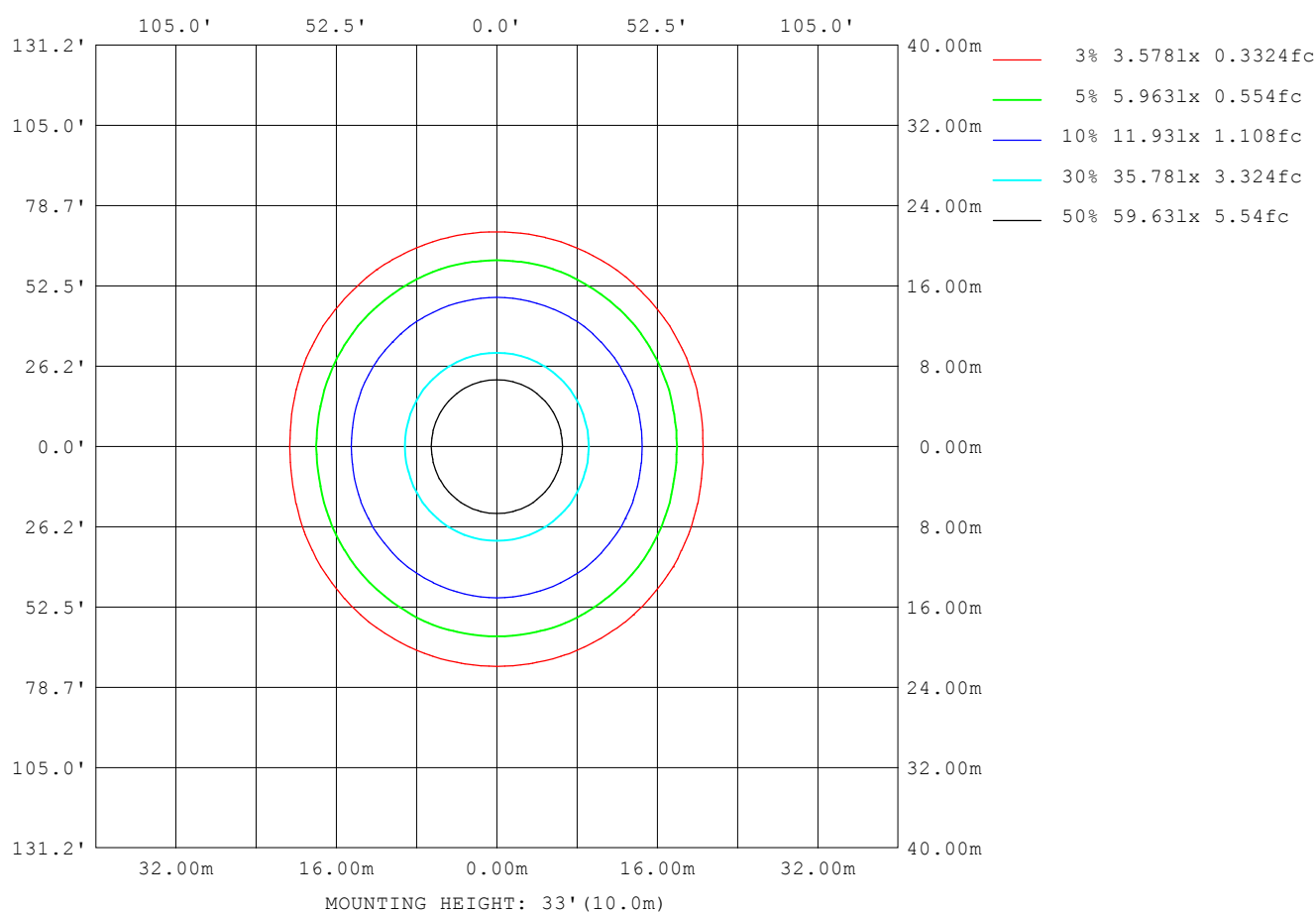


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:22 October 2019

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

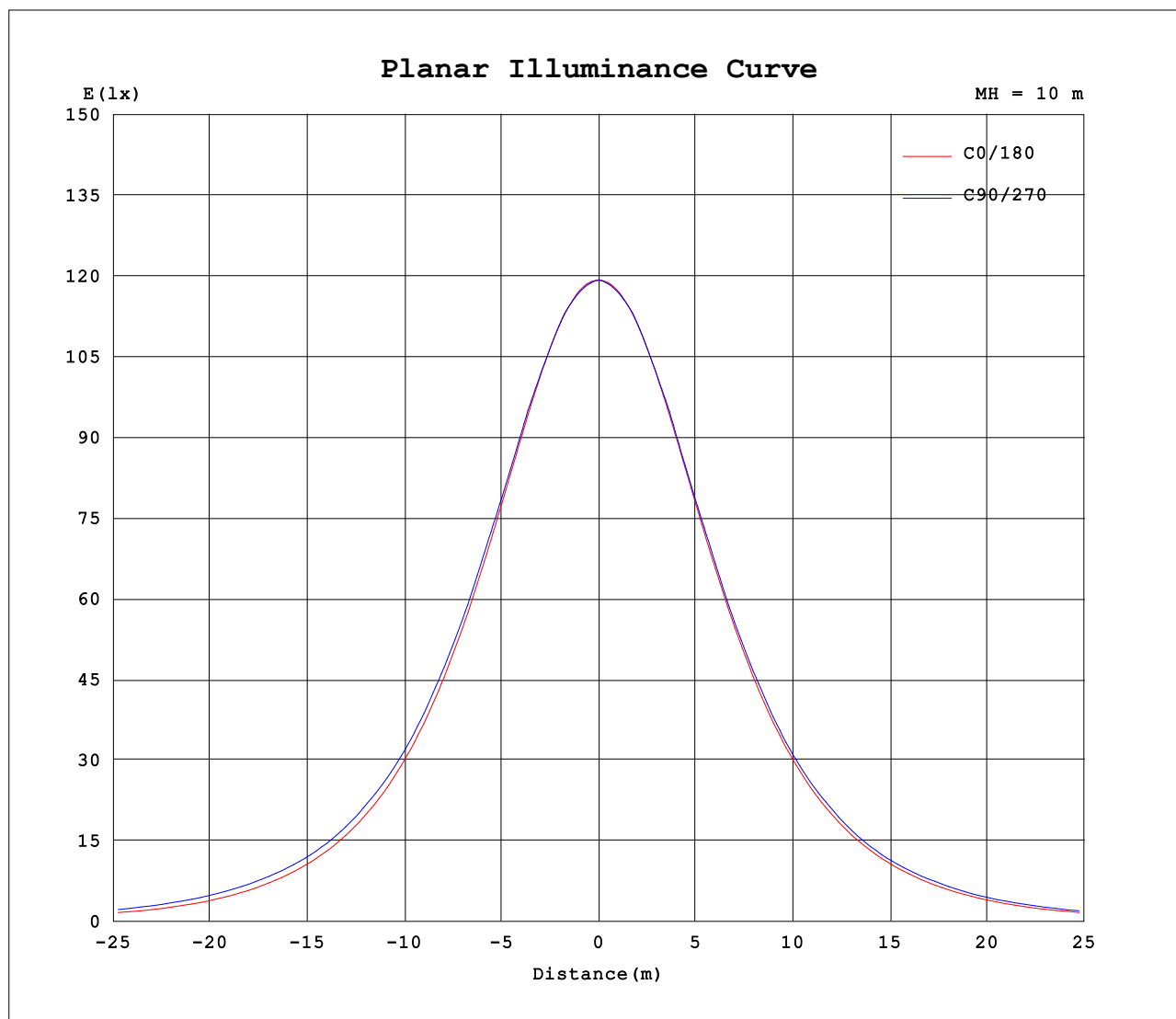
Test:U:219.99V I:1.0464A P:227.75W PF:0.9894 Freq:49.99Hz Lamp Flux:35676x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:240W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:22 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



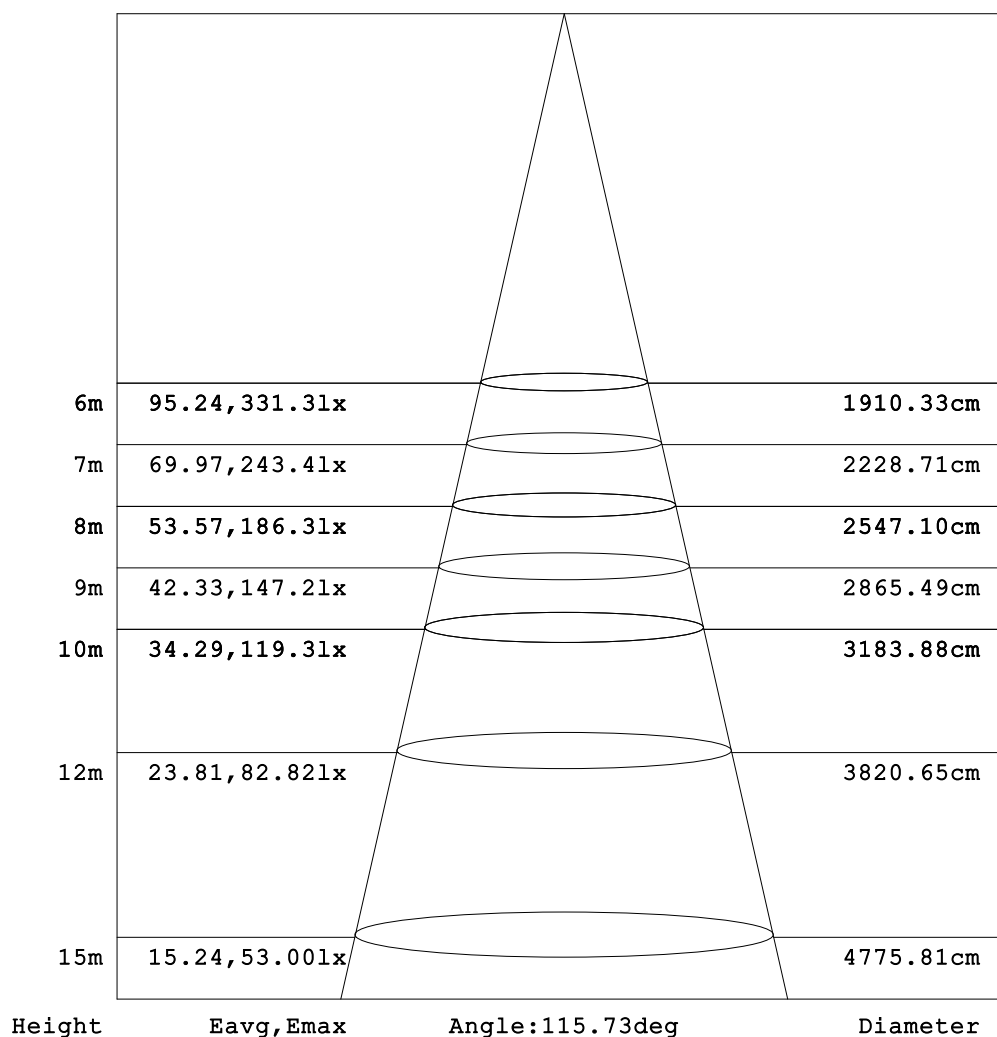
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:CL  
 Test Date:22 October 2019

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:219.99V I:1.0464A P:227.75W PF:0.9894 Freq:49.99Hz Lamp Flux:35676x1 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:27587 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:22 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:219.99V I:1.0464A P:227.75W PF:0.9894 Freq:49.99Hz Lamp Flux:35676x1 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	0.61	0.86	2.93	4.88	7.58	12.7	19.6	28.9	40.0	52.6	65.2	78.4	91.8	102	113	119	124	128	129
-75	0.62	1.30	3.95	9.02	17.7	31.5	49.7	71.5	95.5	121	145	170	192	210	228	241	249	255	257
-70	0.62	1.75	4.96	13.2	27.8	50.3	79.8	114	151	189	225	262	293	318	344	362	374	382	385
-65	0.63	2.08	7.72	21.9	46.6	82.2	126	174	225	274	321	365	402	434	464	485	500	509	512
-60	0.65	2.40	10.5	30.7	65.4	114	172	235	298	358	417	467	511	550	583	608	625	635	639
-55	0.66	2.80	14.4	42.4	89.2	152	223	297	370	437	501	557	603	643	677	702	719	730	734
-50	0.67	3.19	18.4	54.1	113	190	274	358	442	516	585	646	695	736	770	795	814	825	829
-45	0.69	3.73	23.3	67.7	139	226	321	414	502	582	651	713	763	806	840	867	886	897	901
-40	0.72	4.27	28.2	81.2	166	263	368	469	561	647	718	779	831	875	911	938	957	969	972
-35	0.74	5.56	32.7	94.2	188	294	405	511	608	692	765	828	881	926	962	990	1009	1021	1025
-30	0.76	6.84	37.2	107	210	325	442	554	654	738	812	877	931	977	1013	1041	1061	1073	1077
-25	0.77	7.28	41.4	118	228	349	469	585	685	770	845	910	965	1011	1048	1076	1096	1107	1111
-20	0.79	7.72	45.6	128	245	372	496	616	715	802	878	943	999	1046	1082	1110	1130	1142	1145
-15	0.81	8.08	47.9	135	256	385	514	633	733	820	897	963	1019	1066	1102	1130	1149	1161	1164
-10	0.82	8.43	50.3	143	267	398	532	650	751	839	916	983	1039	1086	1122	1150	1169	1180	1183
-5	0.83	8.70	51.7	146	273	403	539	657	758	846	924	990	1046	1093	1129	1156	1175	1185	1188
0	0.84	8.97	53.2	148	278	409	545	664	765	853	931	997	1053	1100	1136	1163	1181	1191	1193
5	0.85	8.79	52.1	146	274	404	540	658	759	847	924	991	1047	1093	1129	1157	1175	1185	1188
10	0.86	8.61	50.9	144	269	399	534	652	752	841	918	984	1040	1086	1122	1150	1169	1180	1183
15	0.87	8.26	48.6	137	258	386	515	634	734	822	898	964	1019	1065	1102	1129	1149	1160	1163
20	0.88	7.91	46.2	129	246	373	497	617	716	802	878	944	999	1045	1081	1108	1128	1140	1143
25	0.89	7.74	41.9	118	228	348	469	584	683	769	843	908	963	1008	1044	1071	1091	1102	1106
30	0.89	7.57	37.6	107	209	323	440	551	651	735	808	872	926	971	1007	1034	1054	1065	1069
35	0.90	6.66	32.9	93.5	186	291	401	506	602	686	758	820	872	917	952	979	998	1009	1013
40	0.91	5.74	28.3	80.0	162	258	361	461	553	637	708	767	819	862	897	924	943	953	957
45	0.91	5.30	23.2	66.3	135	220	312	403	489	568	636	696	746	788	822	848	866	877	880
50	0.92	4.85	18.2	52.6	108	181	263	345	425	499	565	624	674	714	747	771	789	800	804
55	0.92	4.41	14.3	40.6	84.3	143	210	280	351	415	476	530	577	614	646	671	689	699	702
60	0.92	3.98	10.3	28.6	60.3	104	158	216	277	332	386	436	480	515	545	571	588	597	600
65	0.92	3.43	7.91	20.1	42.0	72.9	112	156	202	246	290	329	366	396	421	443	457	464	467
70	0.93	2.88	5.51	11.7	23.8	42.1	66.6	95.8	128	160	193	222	252	276	296	314	326	332	333
75	0.93	1.97	4.47	8.17	15.0	25.7	40.2	57.6	77.2	97.3	118	137	156	172	186	197	204	208	209
80	0.93	1.07	3.43	4.67	6.25	9.35	13.9	19.4	26.8	34.5	42.6	51.5	60.5	68.5	74.9	79.2	82.2	84.4	84.8
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:22 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:219.99V I:1.0464A P:227.75W PF:0.9894 Freq:49.99Hz Lamp Flux:35676x1 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	128	124	119	112	102	91.0	78.1	64.8	51.8	38.7	27.7	18.6	11.9	6.98	4.58	2.87	0.93	0.64	
-75	255	250	241	228	210	192	170	146	121	95.0	70.9	48.9	30.5	16.8	8.39	3.79	1.38	0.64	
-70	382	375	363	344	319	294	262	227	189	151	114	79.1	49.1	26.6	12.2	4.71	1.84	0.63	
-65	509	500	486	464	434	403	365	322	274	225	174	125	80.7	45.4	20.6	7.00	2.13	0.64	
-60	635	626	609	584	550	512	468	418	358	299	235	171	112	64.2	29.0	9.29	2.43	0.65	
-55	730	720	703	677	644	605	558	502	439	372	297	223	151	88.1	41.1	13.2	2.77	0.67	
-50	825	815	796	771	738	697	648	587	519	444	360	274	190	112	53.1	17.1	3.11	0.69	
-45	897	886	867	841	807	765	714	652	583	503	414	320	225	137	65.4	21.3	3.49	0.71	
-40	969	958	938	911	876	832	780	718	647	561	468	366	260	162	77.8	25.5	3.87	0.73	
-35	1021	1010	990	962	927	882	829	766	693	608	511	404	292	185	91.0	30.0	4.45	0.75	
-30	1073	1062	1042	1014	977	932	878	813	739	655	554	442	323	208	104	34.5	5.03	0.77	
-25	1107	1096	1076	1048	1011	966	910	845	769	684	584	467	345	223	113	38.0	6.02	0.78	
-20	1141	1130	1110	1081	1045	999	943	877	800	713	613	492	367	239	123	41.5	7.01	0.79	
-15	1161	1149	1130	1102	1065	1019	963	896	819	731	631	511	381	251	130	44.1	6.84	0.80	
-10	1180	1169	1150	1122	1085	1039	983	916	839	750	649	530	395	263	138	46.6	6.67	0.81	
-5	1185	1175	1156	1129	1092	1045	989	922	844	756	654	535	398	266	139	47.0	7.24	0.82	
0	1191	1181	1163	1135	1098	1052	995	928	850	761	659	540	401	269	141	47.4	7.81	0.83	
5	1186	1175	1157	1129	1092	1045	989	922	844	756	654	535	397	266	139	46.9	7.21	0.85	
10	1180	1169	1150	1122	1085	1039	983	916	839	750	649	529	394	263	137	46.3	6.61	0.86	
15	1160	1148	1129	1101	1064	1018	962	895	819	731	630	509	379	250	129	43.5	6.81	0.87	
20	1140	1128	1108	1080	1043	997	941	875	798	711	612	489	365	238	122	40.7	7.01	0.88	
25	1102	1090	1071	1043	1006	961	905	840	765	680	579	462	340	220	111	36.8	6.17	0.89	
30	1065	1053	1034	1006	970	925	870	805	731	648	546	435	316	203	100	33.0	5.34	0.90	
35	1009	997	978	951	915	870	817	754	681	597	500	394	282	178	86.6	28.3	5.01	0.91	
40	953	941	922	895	860	816	765	703	631	546	454	353	249	153	73.0	23.6	4.69	0.92	
45	876	865	846	820	787	745	694	632	563	483	396	304	212	127	60.3	19.5	4.34	0.93	
50	800	788	770	746	713	673	622	561	494	420	339	256	175	101	47.6	15.4	3.98	0.93	
55	698	688	670	645	612	574	527	471	410	345	273	203	136	77.9	35.8	11.6	3.62	0.94	
60	597	587	569	543	511	476	432	381	326	270	208	151	97.1	54.3	23.9	7.77	3.26	0.94	
65	464	456	442	419	393	362	325	285	240	196	149	106	67.3	37.3	16.6	6.17	2.44	0.94	
70	331	325	314	295	274	249	219	189	155	123	90.3	61.3	37.5	20.3	9.20	4.57	1.62	0.94	
75	207	203	196	184	170	153	134	114	93.1	73.1	53.4	36.4	22.5	12.7	6.53	3.44	1.26	0.94	
80	83.9	81.5	78.0	72.9	66.1	57.4	48.4	39.2	31.1	23.7	16.6	11.5	7.46	5.21	3.86	2.30	0.90	0.94	
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( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:CL  
Test Date:22 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: