

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1011.6 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	96.7V x 87.7H
	At 50% of Imax	55.3V x 52.5H
	At 90% of Imax	22.1V x 18.0H

Beam Flux	Total	998.0 lumens per klm.
	To 10% of Imax	781.9 lumens per klm.
	To 50% of Imax	481.6 lumens per klm.
	To 90% of Imax	78.2 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.8 %

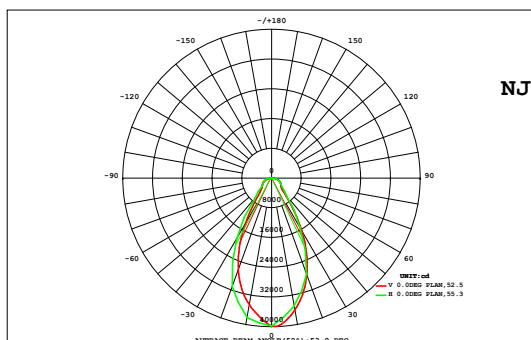
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 October 2019

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:219.87V I:1.3009A P:282.16W PF:0.9865 Freq:49.99Hz Lamp Flux:39448.9x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



DATA OF LAMP		Eff:139.81lm/W	
MODEL NO-V01	RZ-60-PC-U-GR	Imax (cd)	39905
NOMINAL POWER(W)	300	AVAILABILITY(%)	77.5
RATED VOLTAGE (V)	220	Avail. FLUX(lm)	30579
NOMINAL FLUX (lm)	39448.9	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	39449
TEST VOLTAGE (V)	220	θ @50% (H,V)	53,55DEG

		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		
VERTICAL (DEG)	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	0.32	3.28	9.43	17.6	27.5	37.0	45.2	50.4	53.2	53.0	49.4	43.4	34.7	25.0	15.4	7.44	2.03	0.12	475	0.00
	70	0.59	5.40	15.5	27.8	40.5	52.8	63.0	69.0	71.2	70.9	68.1	61.9	51.3	38.6	25.4	13.4	4.13	0.30	680	0.00
	60	0.83	7.56	21.1	37.0	53.2	67.7	79.7	87.8	91.6	91.3	87.2	78.8	66.4	51.6	35.5	19.6	6.46	0.52	884	0.00
	50	1.04	9.13	24.9	43.0	60.7	77.7	95.5	120	142	142	120	95.5	77.4	60.0	42.0	23.8	8.20	0.72	1144	332
	40	1.21	10.4	27.7	47.2	66.5	91.3	151	253	342	342	252	151	92.2	66.4	46.4	26.7	9.38	0.88	1978	1489
	30	1.34	11.2	29.6	50.1	72.2	127	303	539	718	716	534	296	126	72.9	49.6	28.7	10.2	1.01	3687	3319
	-30	1.43	11.8	30.9	52.3	78.7	193	491	801	1019	1013	791	475	186	79.7	51.9	30.0	10.7	1.08	5318	5001
		1.46	12.1	31.6	53.7	84.4	244	594	926	1154	1141	913	579	231	85.0	53.6	30.8	10.9	1.12	6147	5854
		1.45	12.1	31.5	53.5	84.2	235	569	896	1120	1097	879	554	219	84.3	53.5	30.7	10.8	1.10	5932	5634
		1.39	11.8	30.6	52.0	78.4	178	438	725	924	911	713	426	166	79.1	51.9	29.8	10.4	1.05	4827	4505
		1.29	11.3	29.4	50.0	72.6	123	275	485	639	632	472	259	115	73.1	49.7	28.5	9.83	0.96	3326	2947
1.13		10.4	27.5	47.0	67.0	88.7	136	226	301	295	217	128	88.8	67.3	46.7	26.5	9.03	0.83	1785	1275	
-40		0.96	9.30	24.9	43.2	61.4	79.2	92.6	107	121	120	105	92.8	79.5	61.4	42.6	23.8	7.93	0.66	1074	223
-50		0.73	7.69	21.1	37.3	53.7	68.8	81.2	88.3	90.5	90.6	88.7	81.5	68.8	53.3	36.4	19.9	6.43	0.46	895	0.00
-60		0.50	5.56	15.7	28.4	41.9	54.8	65.4	71.5	73.7	73.8	71.7	65.1	54.0	40.7	26.9	14.2	4.31	0.26	708	0.00
-70		0.28	3.10	9.11	17.2	26.1	35.5	43.4	48.3	50.9	50.7	47.9	42.5	33.9	24.5	15.3	7.54	2.07	0.10	458	0.00
-80		0.09	0.82	2.36	4.60	7.51	10.3	12.7	14.5	16.0	15.6	13.9	11.8	8.99	6.10	3.41	1.37	0.29	0.01	130	0.00
-90																					
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)		20	30	40	50	60	70	80	90		
Φ t	16.0	143	383	662	977	1763	3535	5509	6928	6857	5424	3442	1698	969	646	363	123	11.2	39449	---	
Φ a	0.00	0.00	0.00	0.00	95.3	1073	2924	4954	6376	6315	4879	2833	1024	106	0.00	0.00	0.00	0.00	---	30579	

one-half-peak spread: U:26.3,D:29.3 , L:26.2,R:26.7

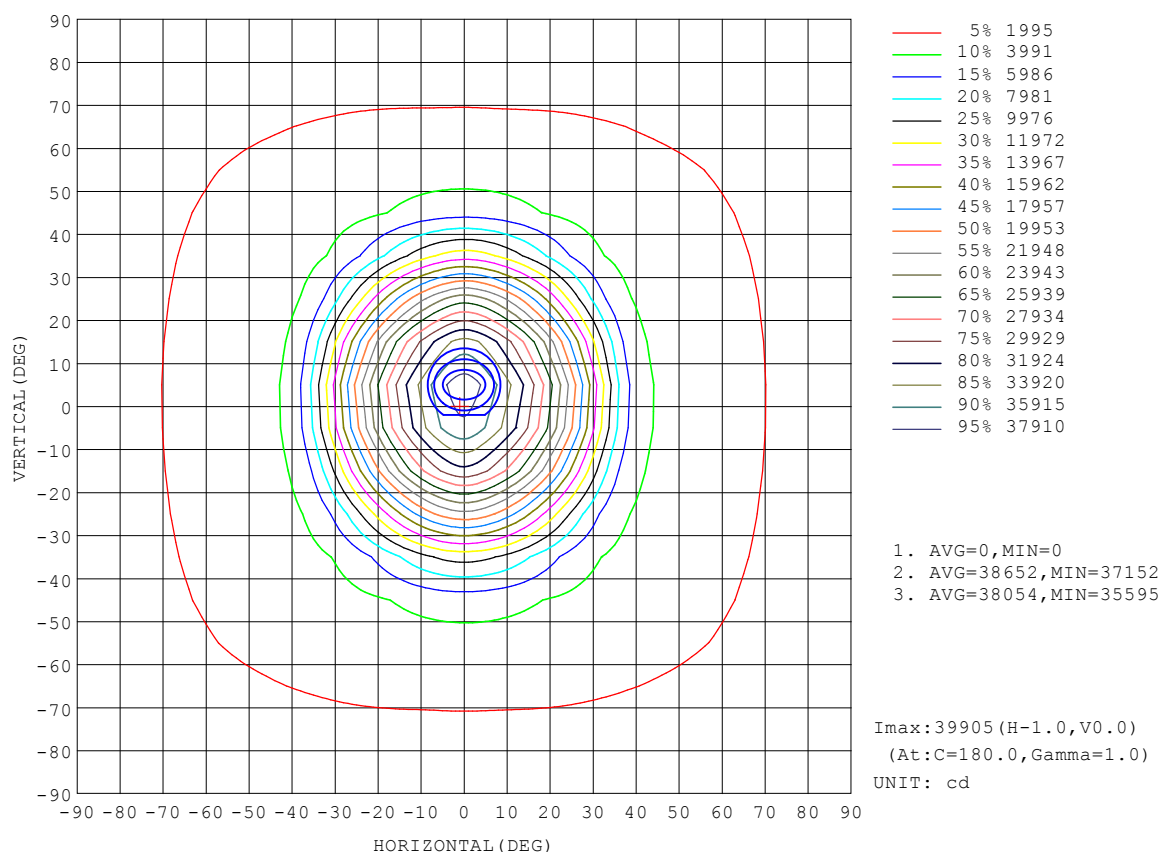
NEMA Beam Type: Type 5

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H( $\beta$ ) Range:-90 - 90DEG
H( $\beta$ ) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:19 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:219.87V I:1.3009A P:282.16W PF:0.9865 Freq:49.99Hz Lamp Flux:39448.9x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

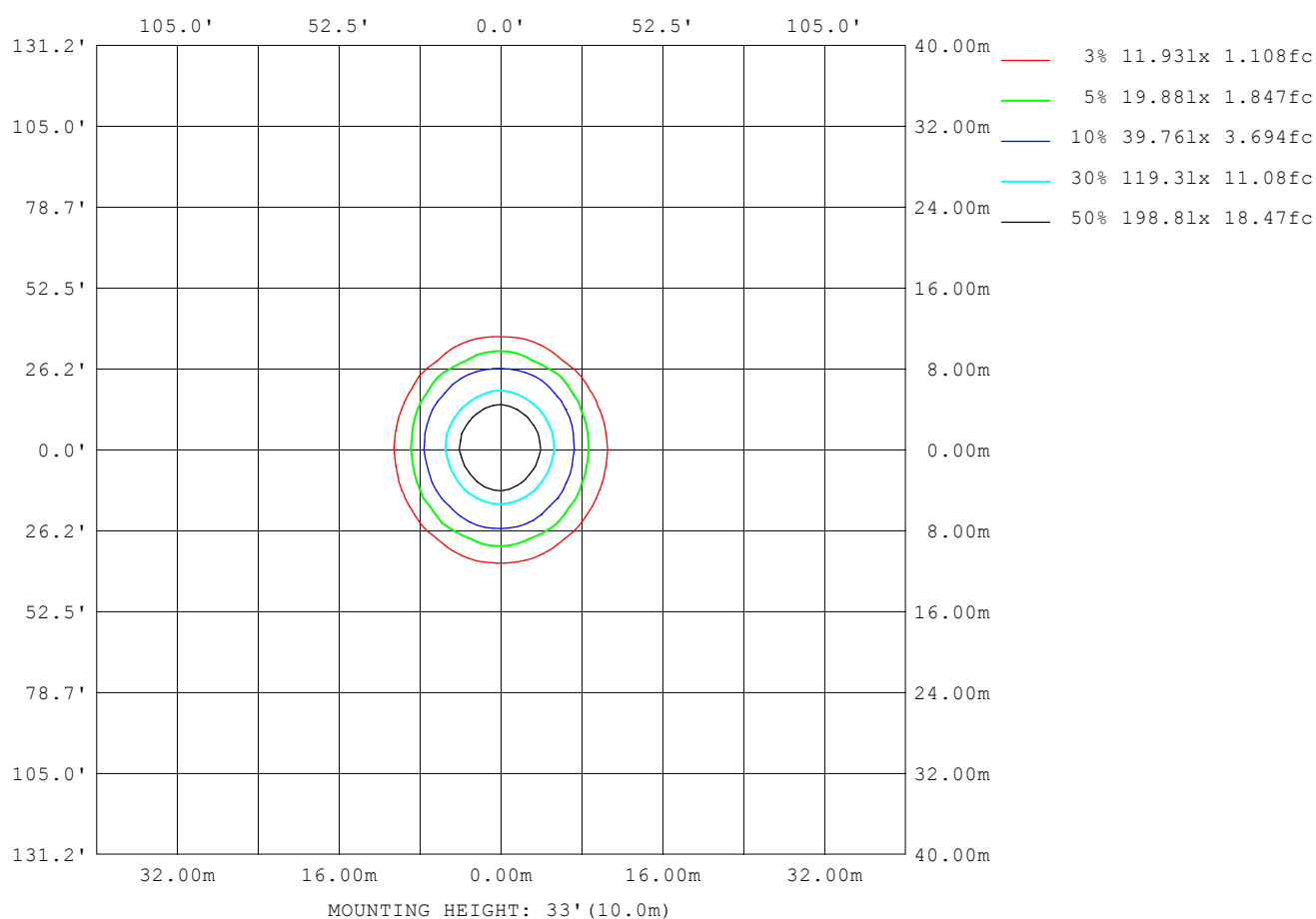


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:19 October 2019

V(B) Range:-80 - 80DEG
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 Humidity:65.0%
 Test Distance:6.010m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

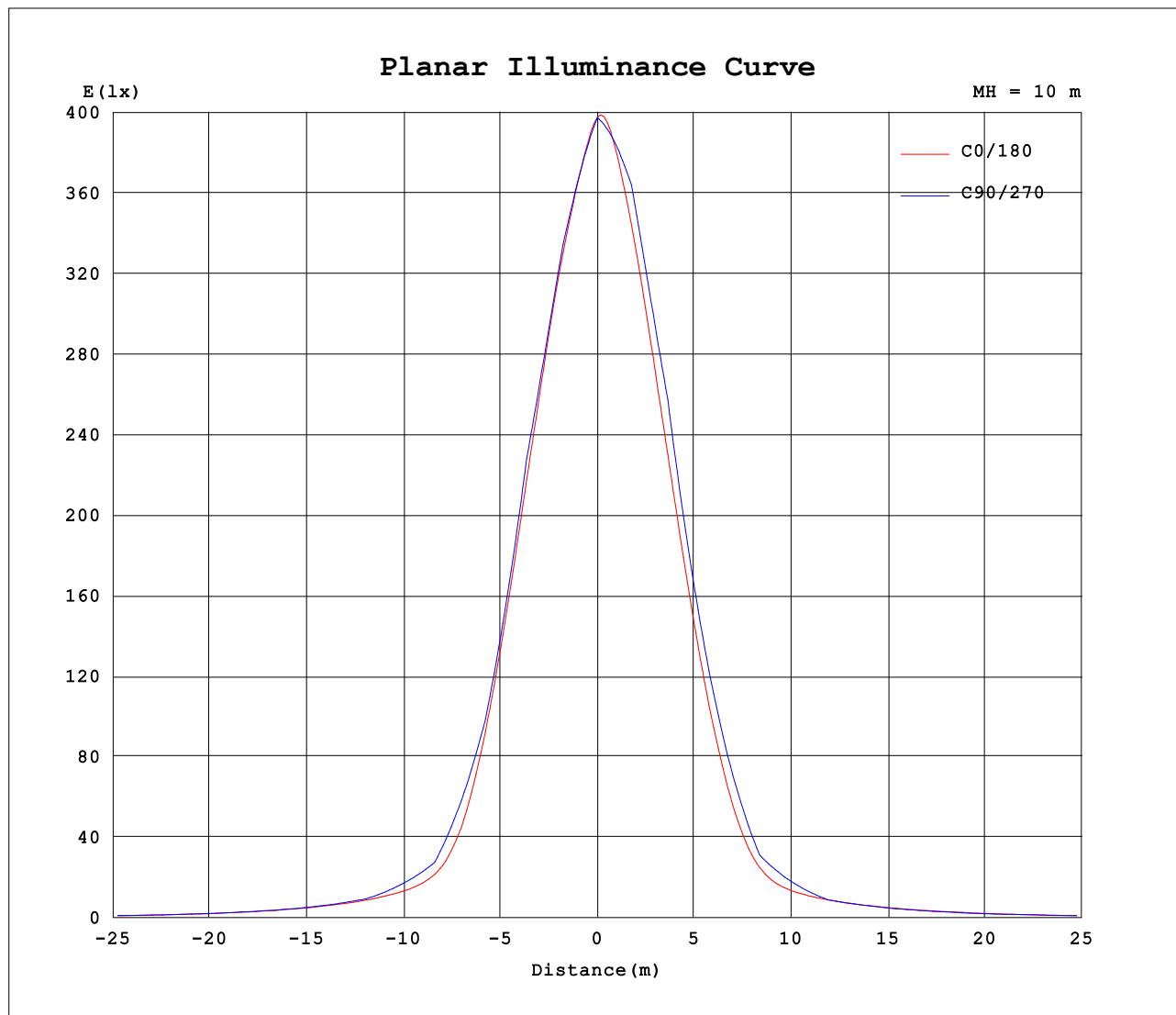
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NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



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



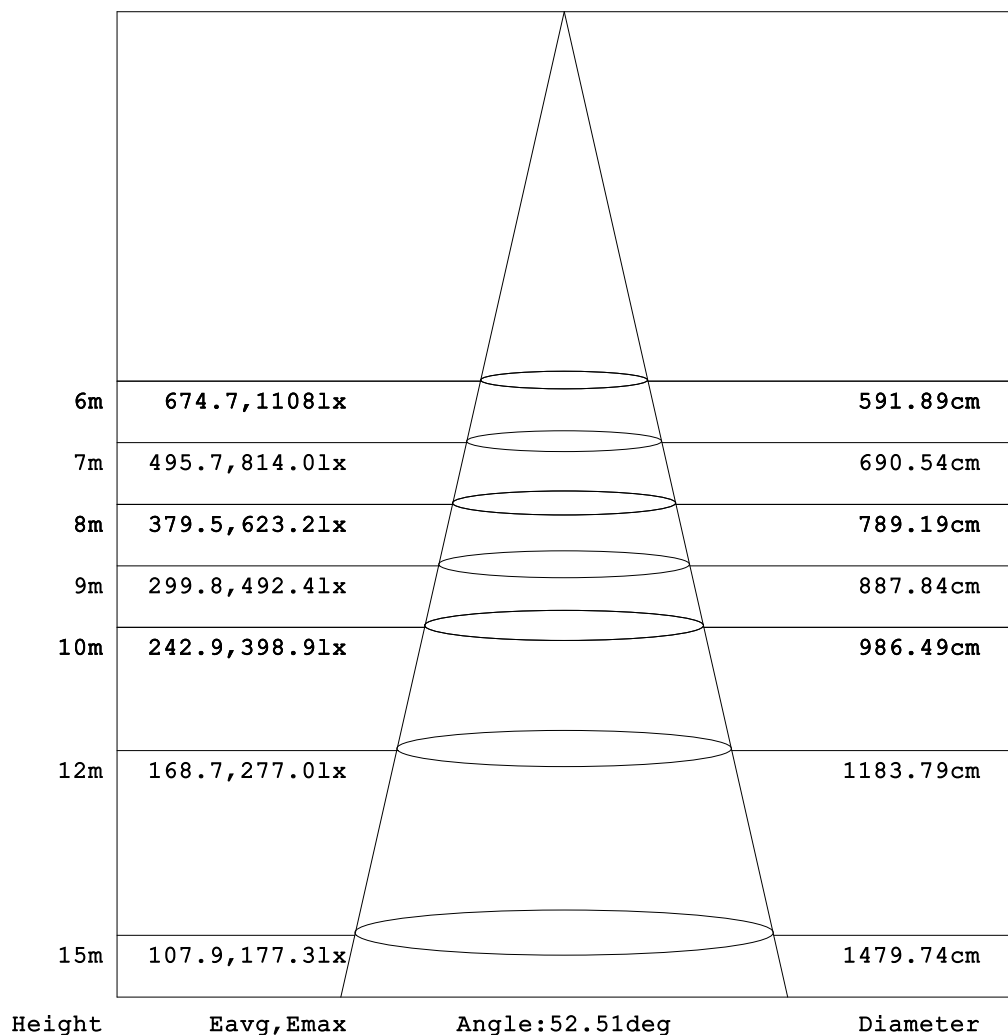
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:19 October 2019

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:219.87V I:1.3009A P:282.16W PF:0.9865 Freq:49.99Hz Lamp Flux:39448.9x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:18967 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:219.87V I:1.3009A P:282.16W PF:0.9865 Freq:49.99Hz Lamp Flux:39448.9x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	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	0.92	3.88	14.3	25.4	35.3	46.9	58.0	66.6	77.3	86.6	94.3	102	108	114	117	120	123	126	127
-75	0.69	4.47	18.0	35.8	52.5	68.8	82.4	96.5	109	120	130	140	149	156	160	163	165	167	168
-70	0.99	8.86	29.1	52.8	76.6	96.4	112	132	146	157	170	182	192	200	204	206	207	208	209
-65	0.60	8.28	32.0	62.8	92.4	117	138	158	175	190	203	216	226	234	240	242	243	244	244
-60	1.10	14.7	47.8	85.1	119	147	171	192	211	227	241	253	264	272	277	279	279	280	280
-55	0.52	12.5	46.8	88.4	128	159	186	209	229	246	261	274	286	296	304	310	315	318	320
-50	1.24	20.8	62.4	109	150	182	210	235	254	271	286	299	312	323	334	344	352	358	360
-45	0.46	17.2	59.1	107	154	188	218	244	265	282	299	317	334	354	381	415	450	478	488
-40	1.49	27.5	73.5	126	173	207	237	262	283	300	320	341	363	394	440	501	562	605	616
-35	0.41	22.0	67.8	120	172	208	240	267	288	308	331	359	411	508	643	793	932	1033	1070
-30	1.68	34.1	80.6	137	188	223	254	280	301	324	352	393	489	678	905	1143	1351	1487	1520
-25	0.37	27.6	74.3	129	186	223	255	283	306	331	367	453	649	935	1259	1581	1858	2056	2138
-20	1.96	40.9	87.3	148	201	236	268	295	319	350	405	573	911	1327	1747	2139	2460	2678	2750
-15	0.36	32.3	78.8	135	196	233	266	294	320	352	418	629	1030	1507	1976	2402	2754	3012	3133
-10	2.06	42.6	89.9	153	207	243	276	303	332	370	484	824	1334	1880	2386	2820	3168	3423	3503
-5	0.32	34.1	81.3	137	201	239	273	302	330	367	475	819	1364	1945	2482	2944	3322	3610	3752
0	2.26	44.1	91.8	156	211	248	282	310	340	387	555	1019	1626	2235	2775	3234	3605	3890	3976
5	0.11	34.4	81.8	137	202	240	274	303	331	370	488	868	1446	2050	2598	3063	3440	3741	3905
10	2.65	43.3	90.4	153	209	246	279	307	335	377	519	933	1510	2097	2620	3058	3406	3695	3813
15	0.03	33.6	79.8	133	198	235	268	296	322	354	435	709	1183	1712	2214	2654	3012	3299	3464
20	2.63	41.9	87.6	146	203	238	270	296	320	350	420	654	1066	1534	1996	2406	2742	3000	3103
25	0.24	31.5	75.4	127	189	225	257	284	306	331	371	490	750	1100	1477	1835	2141	2376	2499
30	2.40	38.3	81.1	136	191	225	256	282	301	323	351	410	565	815	1107	1395	1645	1825	1888
35	0.46	28.3	68.6	118	175	210	241	267	287	306	328	361	438	572	745	931	1104	1234	1292
40	2.20	34.0	73.1	124	174	208	237	262	281	297	314	334	356	394	458	540	623	680	694
45	0.72	24.1	59.6	105	154	189	218	243	263	279	294	310	326	347	381	425	470	504	517
50	1.90	27.9	61.6	106	150	182	209	232	252	267	280	292	303	312	320	327	333	338	340
55	0.96	18.8	48.3	86.4	128	159	185	207	227	242	256	268	278	286	292	297	300	302	303
60	1.68	21.4	48.3	84.0	120	147	171	191	209	224	236	247	256	263	267	269	268	267	267
65	1.12	12.2	35.2	62.6	93.1	118	138	157	173	187	199	210	219	226	231	233	233	233	233
70	1.53	12.7	31.6	54.0	77.6	97.6	112	130	144	154	165	177	186	192	196	198	198	199	199
75	1.24	5.49	20.5	36.2	52.4	68.0	80.3	93.0	106	116	125	134	142	148	152	154	156	157	158
80	1.43	3.50	15.7	25.2	33.7	43.8	52.9	61.3	72.2	81.6	88.6	95.4	101	106	110	112	114	116	117
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:219.87V I:1.3009A P:282.16W PF:0.9865 Freq:49.99Hz Lamp Flux:39448.9x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:300W	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	124	121	117	113	108	101	93.5	85.1	76.1	65.3	55.7	45.3	33.7	23.5	13.5	3.30	0.93	0.62	
-75	166	164	162	158	153	146	136	125	115	103	89.0	75.0	60.7	43.7	27.4	12.1	1.75	0.72	
-70	208	207	205	202	196	187	175	161	149	136	116	99.3	81.0	57.1	35.0	15.0	1.50	0.62	
-65	244	244	243	240	235	226	215	201	188	172	153	133	111	83.8	54.0	26.7	4.42	0.72	
-60	280	281	280	277	270	261	250	236	221	202	181	158	131	98.7	61.2	27.7	3.32	0.62	
-55	320	317	313	308	299	289	277	263	247	230	208	184	155	122	80.2	41.5	9.13	0.73	
-50	358	352	345	335	324	312	299	284	268	249	226	198	168	130	82.0	41.2	6.55	0.64	
-45	479	454	421	388	362	342	323	305	286	268	245	218	186	149	99.3	53.6	14.3	0.75	
-40	593	544	484	430	391	364	340	318	298	278	254	225	192	151	96.1	50.3	10.3	0.67	
-35	1034	942	808	660	522	425	372	340	315	293	269	241	208	169	112	62.5	20.0	0.78	
-30	1445	1291	1073	832	606	458	389	352	322	299	274	244	210	168	107	57.8	14.2	0.70	
-25	2061	1875	1610	1295	964	670	470	382	341	312	287	257	223	184	121	69.5	25.3	0.81	
-20	2616	2365	2027	1626	1195	781	502	393	347	315	289	257	222	181	112	63.3	17.9	0.73	
-15	3010	2765	2440	2032	1565	1080	658	440	367	328	299	268	234	195	126	74.8	28.4	0.83	
-10	3318	3051	2702	2259	1739	1188	690	444	368	329	299	266	230	189	116	67.4	20.6	0.76	
-5	3583	3315	2978	2539	2013	1427	856	500	385	340	307	275	240	200	130	77.7	29.9	0.86	
0	3748	3459	3093	2623	2058	1426	828	484	380	336	304	271	234	192	117	68.7	20.8	0.81	
5	3734	3450	3099	2648	2106	1500	905	513	387	340	308	276	241	201	131	78.3	30.2	0.90	
10	3615	3314	2939	2471	1920	1329	773	462	370	330	300	267	232	191	118	68.5	21.0	0.84	
15	3323	3048	2697	2260	1754	1220	740	457	367	328	299	269	235	196	130	76.2	29.1	0.93	
20	2933	2656	2293	1857	1374	907	549	396	345	314	288	258	224	183	116	64.8	19.0	0.88	
25	2399	2173	1872	1513	1127	767	506	384	338	310	286	257	225	187	126	71.6	26.6	0.95	
30	1788	1580	1317	1015	727	503	391	348	319	296	273	245	212	172	112	60.0	16.9	0.89	
35	1245	1117	948	761	585	448	370	333	309	288	267	240	209	172	117	64.6	22.6	0.96	
40	661	591	508	432	380	351	330	309	291	273	251	224	192	153	100.0	51.6	12.6	0.91	
45	504	470	425	382	349	328	311	294	278	262	241	215	185	150	102	54.6	17.3	0.96	
50	337	332	325	317	308	297	286	274	259	243	221	195	166	130	83.8	41.7	8.51	0.92	
55	302	299	296	291	284	275	265	253	239	222	203	180	152	121	80.4	41.3	11.4	0.97	
60	266	266	265	263	258	249	239	226	212	195	176	154	127	96.7	59.8	28.2	4.32	0.94	
65	232	231	230	228	223	216	206	193	180	165	147	128	106	80.4	52.0	26.1	5.43	0.98	
70	198	196	194	192	187	179	168	155	142	129	111	93.8	75.6	52.9	33.1	15.1	1.53	0.97	
75	157	154	152	149	144	137	129	118	108	97.1	83.4	69.7	56.1	39.9	24.7	11.2	1.86	1.00	
80	115	112	108	104	99.2	92.8	85.5	77.7	69.6	59.9	50.5	40.6	30.2	20.5	10.8	2.49	1.09	1.00	
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	
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: