

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1458.8 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	79.9V x 81.2H
	At 50% of Imax	34.4V x 35.1H
	At 90% of Imax	10.7V x 14.6H

Beam Flux	Total	997.2 lumens per klm.
	To 10% of Imax	676.7 lumens per klm.
	To 50% of Imax	301.5 lumens per klm.
	To 90% of Imax	39.0 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.7 %

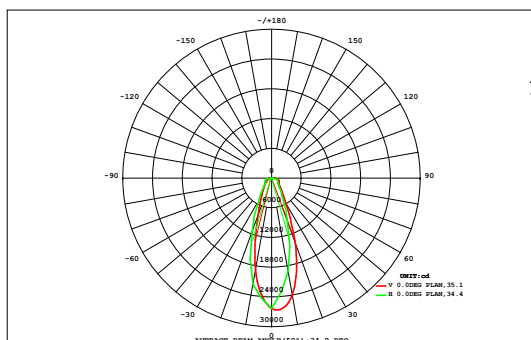
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

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:220.00V I:0.6490A P:140.57W PF:0.9845 Freq:49.99Hz Lamp Flux:18244x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:150W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



DATA OF LAMP		Eff:129.78lm/W	
NJZ MODEL 150-V01-RZ-30-PC-GR		Imax(cd)	26615
NOMINAL POWER(W)	150	AVAILABILITY(%)	67.6
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	12326
NOMINAL FLUX(lm)	18244	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	18244
TEST VOLTAGE(V)	220	θ @50% (H,V)	35,34DEG

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	0.67	4.88	10.7	17.1	23.8	29.7	34.4	37.8	39.9	39.4	36.1	31.7	26.4	20.3	14.0	8.32	3.57	0.46	379	0.00
70	0.95	5.67	12.5	20.4	28.2	33.9	37.8	41.1	44.2	43.5	39.9	36.0	31.0	24.5	17.1	10.1	4.36	0.65	432	0.00
60	1.20	6.77	15.3	24.5	31.5	36.0	40.1	44.0	46.5	46.5	44.3	40.2	34.8	28.4	20.8	12.5	5.29	0.83	479	0.00
50	1.40	7.73	17.5	26.4	32.2	40.0	50.2	59.5	64.9	65.5	60.6	51.2	40.5	31.5	23.5	14.5	6.10	0.99	594	10.6
40	1.56	8.48	18.7	26.6	35.5	50.6	72.0	95.4	111	112	96.0	72.4	51.1	35.6	25.0	15.6	6.64	1.11	835	457
30	1.66	8.95	19.0	27.3	40.5	65.2	109	176	229	228	171	105	64.3	40.3	26.3	16.1	6.98	1.20	1336	1075
20	1.74	9.25	19.0	28.3	45.6	81.6	164	332	473	465	304	147	77.8	44.7	27.5	16.3	7.16	1.24	2246	2024
10	1.76	9.35	18.9	29.0	48.7	93.2	214	491	723	698	423	178	86.3	47.3	28.2	16.4	7.25	1.27	3114	2910
0	1.76	9.30	18.9	29.0	48.8	93.5	217	491	711	675	399	171	84.6	46.7	28.0	16.3	7.20	1.26	3048	2842
-10	1.71	9.10	18.8	28.3	45.4	81.2	166	322	431	408	257	133	74.0	43.4	27.0	16.1	7.06	1.22	2070	1841
-20	1.63	8.77	18.6	27.3	40.4	64.6	106	156	186	175	132	92.0	59.9	38.5	25.6	15.7	6.79	1.15	1157	870
-30	1.51	8.24	18.1	26.5	35.5	49.7	68.1	84.1	92.0	90.0	80.3	64.5	47.4	33.7	24.1	15.0	6.37	1.05	746	297
-40	1.36	7.49	16.8	25.5	32.2	39.7	48.4	55.2	58.3	57.9	54.2	46.8	37.8	29.6	22.2	13.6	5.69	0.91	554	0.00
-50	1.15	6.50	14.5	23.3	30.0	34.8	39.0	42.3	44.4	44.4	41.7	37.5	32.2	26.5	19.2	11.5	4.83	0.75	455	0.00
-60	0.93	5.34	11.7	19.0	26.4	32.0	35.5	38.1	40.7	40.3	36.9	33.1	28.4	22.3	15.4	8.95	3.85	0.56	399	0.00
-70	0.64	3.91	8.46	13.6	19.0	23.9	27.9	31.0	32.8	32.0	29.2	25.4	20.8	15.6	10.6	6.17	2.60	0.31	304	0.00
-80	0.31	1.49	3.03	4.66	6.26	7.76	9.15	10.1	10.0	9.75	9.15	7.74	6.08	4.45	2.99	1.65	0.50	0.01	95.1	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
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	21.9	121	261	397	570	857	1439	2506	3339	3230	2214	1273	803	533	358	215	92.2	15.0	18244	---
Φ a	0.00	0.00	0.00	0.00	35.6	369	1025	2112	2941	2839	1808	859	318	18.0	0.00	0.00	0.00	0.00	---	12326

one-half-peak spread: U:16.2,D:18.5 , L:17.7,R:17.7

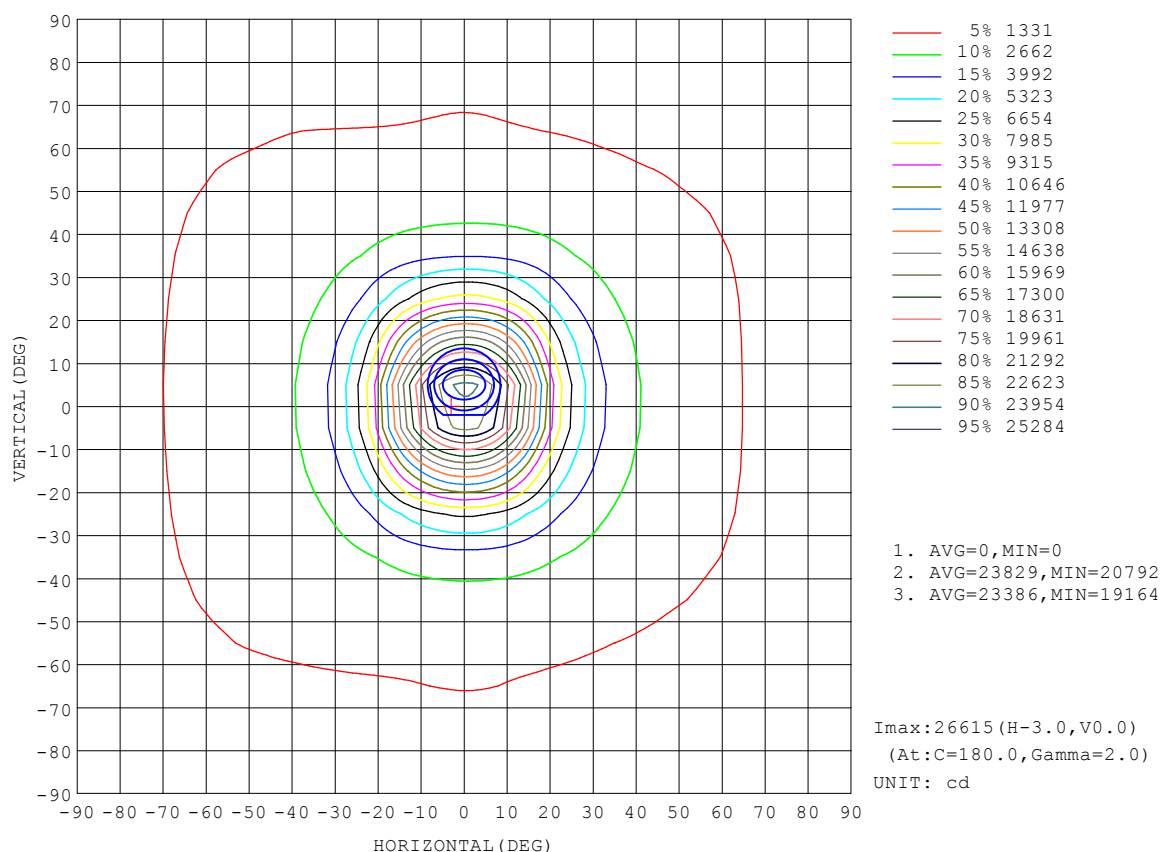
NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 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:220.00V I:0.6490A P:140.57W PF:0.9845 Freq:49.99Hz Lamp Flux:18244x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:150W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

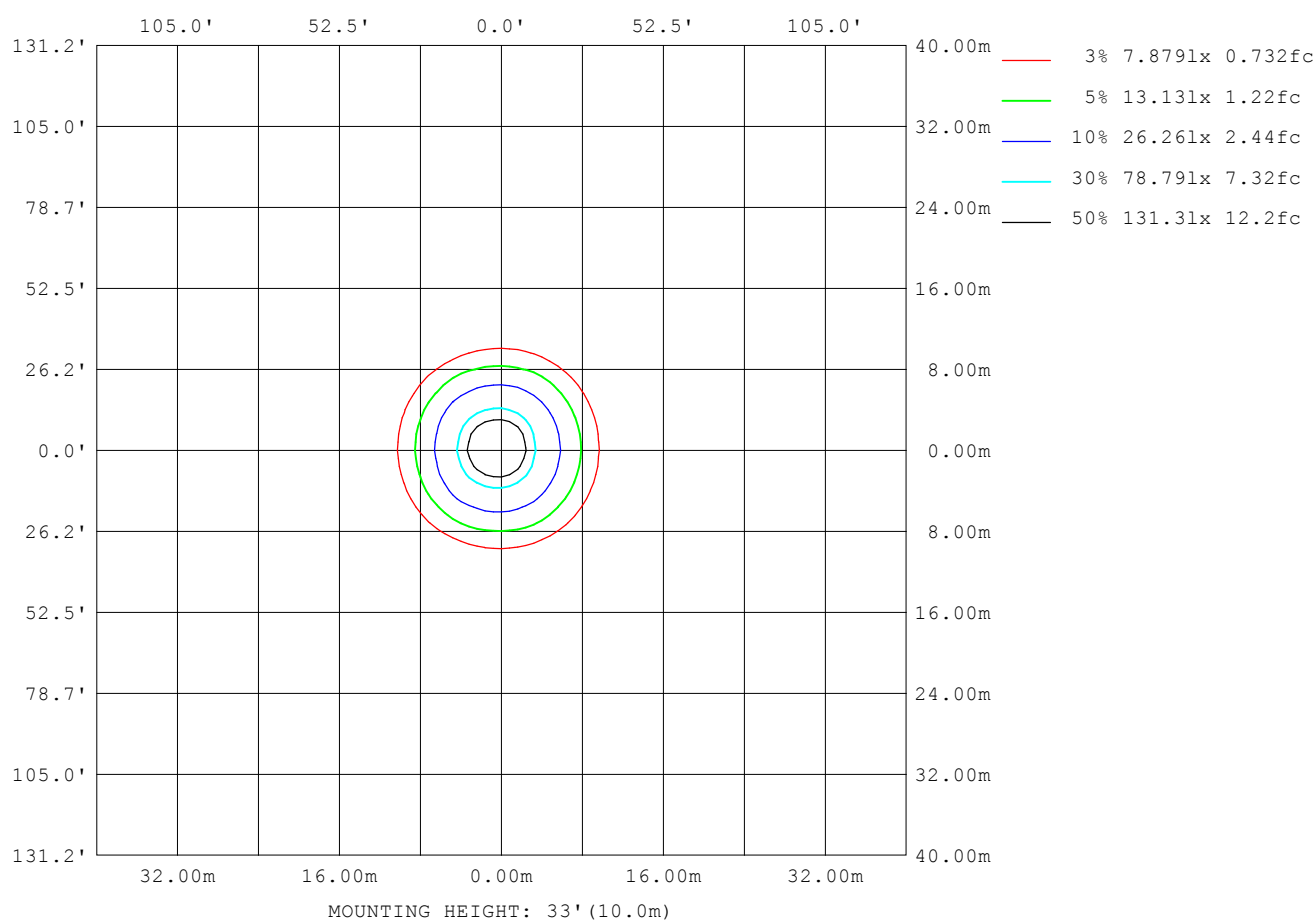


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

V(B) Range:-80 - 80DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

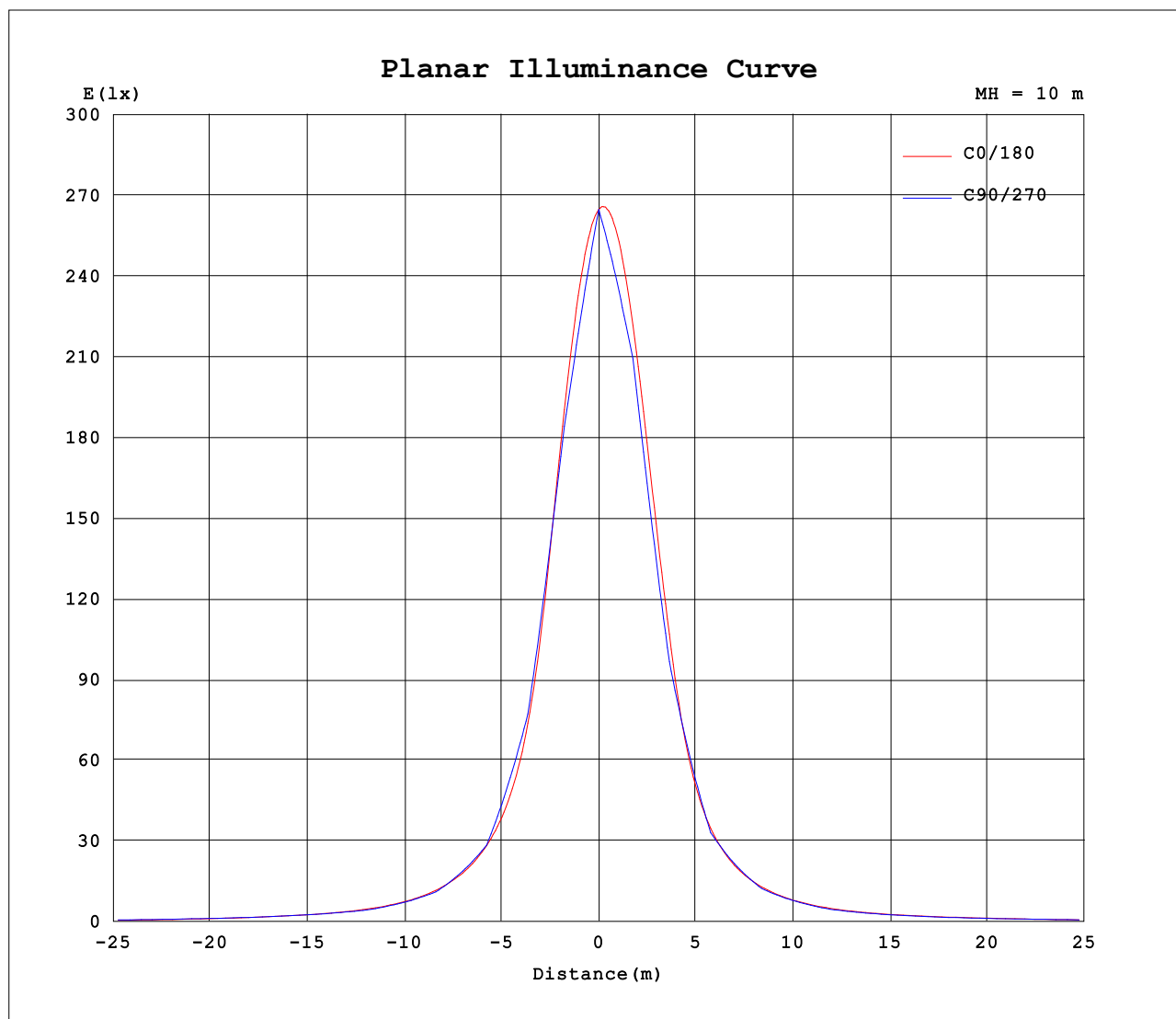
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NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:150W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 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



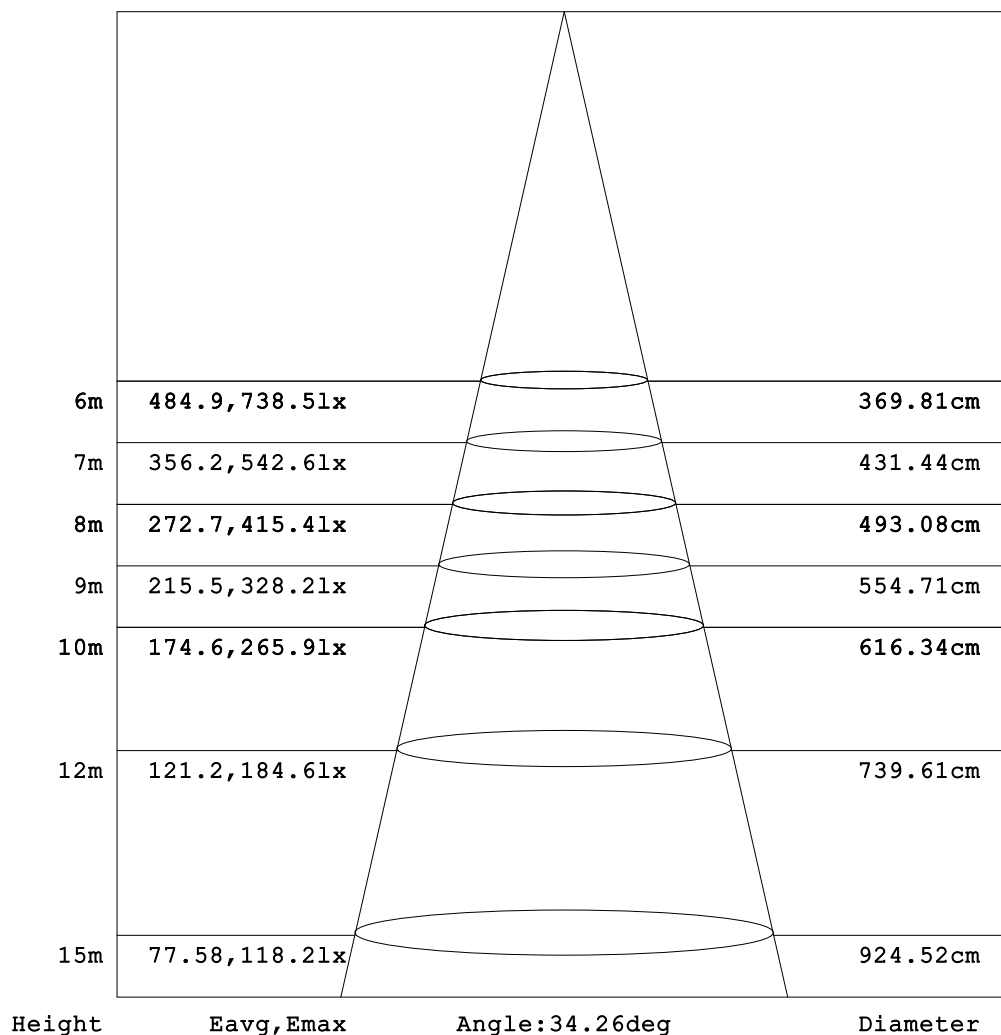
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

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:220.00V I:0.6490A P:140.57W PF:0.9845 Freq:49.99Hz Lamp Flux:18244x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:150W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:5452 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:17 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:220.00V I:0.6490A P:140.57W PF:0.9845 Freq:49.99Hz Lamp Flux:18244x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:150W	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	0.59	14.5	30.8	39.9	46.7	52.1	56.8	60.6	64.1	67.2	69.9	72.3	74.7	76.8	78.5	79.5	79.4	78.6	77.8
-75	0.36	4.98	30.8	44.8	54.4	62.3	69.2	75.2	80.3	85.2	89.4	92.6	95.4	97.6	99.3	101	102	104	104
-70	1.07	28.2	49.2	61.8	71.9	80.9	89.1	96.0	102	108	113	116	119	121	122	124	127	129	129
-65	0.20	9.82	44.7	62.0	74.9	86.4	97.0	106	113	119	124	126	128	128	129	130	132	135	137
-60	1.85	39.9	62.6	78.2	91.8	105	116	124	131	136	138	138	138	137	137	138	140	143	144
-55	0.01	14.8	55.2	75.1	91.8	107	121	130	137	139	140	141	143	144	146	148	151	153	155
-50	2.46	48.7	73.0	92.3	110	126	138	145	146	144	144	146	150	154	158	162	164	166	166
-45	0.00	21.1	63.5	86.2	107	125	139	146	148	148	151	157	166	175	185	194	200	205	206
-40	3.27	55.8	82.2	105	126	142	150	150	150	156	165	178	193	209	223	234	242	246	247
-35	0.00	26.8	70.0	95.1	118	137	148	151	152	159	172	191	214	241	270	298	321	336	343
-30	5.40	60.5	88.8	113	135	149	151	153	161	177	200	230	267	308	351	390	420	437	437
-25	0.00	32.2	74.9	102	125	143	151	153	160	176	202	238	286	350	433	526	607	664	687
-20	4.09	64.4	94.1	119	139	150	152	160	176	204	244	300	378	488	628	763	869	928	926
-15	0.00	38.2	78.4	106	130	145	151	156	169	194	233	289	371	500	704	968	1205	1369	1434
-10	9.87	66.5	97.0	123	141	149	154	166	189	227	284	368	504	735	1093	1471	1758	1914	1915
-5	0.00	41.0	80.3	109	132	145	151	159	176	207	255	326	439	631	969	1437	1874	2180	2298
0	5.35	67.8	98.7	125	142	149	156	169	196	239	305	406	577	889	1400	1948	2398	2635	2626
5	0.28	41.3	80.7	109	133	145	151	159	177	208	257	331	447	648	1005	1504	1974	2305	2431
10	5.11	67.2	98.0	124	142	150	155	167	191	231	291	381	530	788	1202	1645	1993	2180	2175
15	0.53	40.0	79.6	108	131	146	151	157	172	198	239	300	390	536	776	1100	1397	1604	1685
20	4.84	66.0	95.9	121	141	151	153	162	180	210	254	317	407	545	733	925	1076	1158	1158
25	0.84	36.1	76.9	104	128	146	152	154	163	181	209	249	304	381	488	614	728	807	839
30	7.03	62.5	91.3	116	138	151	152	155	164	182	208	243	286	338	393	445	484	507	508
35	1.12	31.9	72.5	98.0	121	141	151	152	154	162	177	199	226	259	296	332	362	383	393
40	3.47	58.4	85.1	108	130	147	152	150	152	159	170	186	205	224	242	257	268	274	275
45	1.24	24.5	66.5	89.6	111	131	144	149	149	150	154	162	172	185	197	208	217	222	225
50	2.97	52.0	76.4	96.9	117	133	145	149	147	144	145	149	155	160	166	170	173	174	175
55	1.31	16.0	58.7	79.0	97.0	114	128	138	142	143	143	144	145	147	150	152	155	157	158
60	2.57	44.2	66.4	83.0	98.2	112	124	132	139	142	141	139	137	137	137	138	140	141	141
65	1.39	10.7	48.7	66.5	80.4	93.1	105	114	121	128	131	132	132	133	133	134	137	140	142
70	2.09	31.8	53.8	67.2	78.1	88.1	97.1	105	112	118	123	126	128	129	131	133	137	141	140
75	1.48	5.84	35.0	50.3	61.0	69.7	77.3	83.7	89.8	95.4	99.9	103	106	108	109	111	113	115	116
80	1.76	17.0	36.2	46.8	54.6	60.7	65.6	70.2	74.5	78.3	81.2	83.7	86.2	88.2	89.7	91.0	91.6	91.0	89.9
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:17 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

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SPEC.:150W	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	77.1	76.0	74.0	71.1	67.5	63.9	60.0	56.0	51.8	47.7	43.3	38.7	33.5	27.3	19.8	9.06	0.66	0.45	
-75	103	100	97.2	94.0	90.4	86.7	82.6	78.0	72.9	67.4	61.7	55.8	49.4	42.6	34.7	24.8	9.98	0.59	
-70	125	121	117	113	109	105	99.8	94.1	87.5	80.3	73.2	65.4	57.3	48.7	38.5	24.6	2.27	0.43	
-65	135	131	127	124	121	118	114	110	104	97.3	89.7	81.8	72.4	62.3	51.8	39.2	20.4	0.62	
-60	141	137	134	132	130	127	123	119	113	105	97.0	87.2	75.4	63.5	50.7	34.2	5.06	0.43	
-55	154	152	149	146	142	137	133	129	125	119	112	103	92.3	78.8	64.6	49.4	28.6	0.79	
-50	165	163	160	155	149	143	137	133	130	125	116	107	93.3	77.2	60.9	42.3	9.02	0.44	
-45	206	203	197	189	179	168	157	148	141	135	129	121	109	93.5	75.8	57.6	35.3	1.02	
-40	244	237	226	212	196	180	166	154	144	138	132	122	107	88.8	69.2	48.3	13.5	0.45	
-35	339	326	305	279	251	224	199	178	161	149	140	132	121	104	84.6	64.3	40.3	1.25	
-30	421	391	353	312	273	237	206	181	162	149	140	131	115	96.1	75.9	53.6	16.5	0.46	
-25	669	610	524	438	363	302	254	215	185	164	149	139	127	109	90.2	69.4	44.1	1.41	
-20	856	729	590	471	377	306	252	211	181	160	146	135	118	100.0	80.2	56.8	20.6	0.51	
-15	1388	1224	965	700	515	394	311	252	209	178	158	144	130	112	93.8	72.8	46.6	1.46	
-10	1752	1421	1006	688	497	376	295	238	197	169	152	139	120	103	83.2	59.3	22.4	0.53	
-5	2211	1917	1449	963	649	467	353	278	224	187	163	148	132	113	95.9	74.7	48.0	1.79	
0	2366	1881	1277	817	561	411	314	249	204	173	154	140	120	104	84.3	59.9	24.4	0.59	
5	2335	2022	1530	1008	669	477	358	280	226	188	164	148	132	113	96.4	75.2	48.3	2.18	
10	1978	1605	1126	744	522	389	302	242	200	171	154	140	120	104	84.2	60.0	23.0	0.65	
15	1627	1432	1120	786	556	415	323	259	213	181	160	146	131	113	95.3	74.1	47.4	2.17	
20	1073	906	697	525	405	322	262	218	185	163	149	137	119	102	82.1	58.1	21.5	0.69	
25	819	745	625	498	397	322	266	224	191	168	153	142	129	111	92.6	71.5	45.4	2.01	
30	488	448	396	342	293	251	217	188	167	153	143	134	118	98.9	78.7	55.6	20.2	0.73	
35	388	371	342	308	272	239	211	187	168	154	145	137	125	108	87.9	67.3	42.2	1.80	
40	271	262	248	230	211	192	175	161	150	143	137	127	112	92.9	72.9	51.0	15.0	0.79	
45	225	221	214	204	192	179	166	155	147	141	136	128	116	99.2	80.4	61.2	37.6	1.53	
50	175	173	169	164	157	150	144	139	137	134	126	115	101	83.1	65.1	45.4	11.0	0.85	
55	158	157	154	152	148	144	140	136	133	128	121	112	100	85.4	69.7	53.3	31.6	1.34	
60	140	138	136	135	134	132	131	129	123	115	106	95.6	82.5	69.0	55.2	37.6	6.17	0.94	
65	140	136	133	130	128	126	123	120	115	107	99.2	90.7	80.0	68.8	57.1	43.6	23.6	1.28	
70	135	130	126	123	120	116	111	105	98.0	90.0	82.3	73.3	64.2	54.7	43.7	28.4	3.43	1.04	
75	114	111	107	104	101	97.6	93.7	89.5	84.1	77.8	71.5	65.0	57.6	50.1	41.5	30.5	13.3	1.31	
80	89.1	87.2	85.0	81.8	78.3	74.9	71.3	67.3	62.7	58.0	53.0	47.8	42.1	35.4	27.1	14.5	1.50	1.16	
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:17 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: