

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1458.4 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	79.7V x 81.2H
	At 50% of Imax	34.3V x 35.1H
	At 90% of Imax	10.1V x 14.6H

Beam Flux	Total	997.0 lumens per klm.
	To 10% of Imax	676.6 lumens per klm.
	To 50% of Imax	301.4 lumens per klm.
	To 90% of Imax	39.0 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.7 %

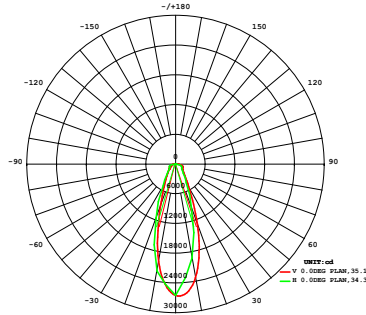
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 October 2019

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:18248.9x1 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:129.82lm/W	
	NJZ- MODEL E50-V01-RZ-30-PC-U-GR		Imax(cd)	26615
	NOMINAL POWER(W)	150	AVAILABILITY(%)	67.6
	RATED VOLTAGE(V)	220	Avai. FLUX(lm)	12327
	NOMINAL FLUX(lm)	18248.9	LOR(%)	100.0
	LAMPS INSIDE	1	TOTAL FLUX(lm)	18249
	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	0.71	4.95	10.7	17.2	23.9	29.8	34.4	37.9	40.0	39.3	36.0	31.7	26.3	20.2	13.9	8.26	3.53	0.42	379	0.00
70	0.95	5.71	12.5	20.5	28.1	33.8	37.8	41.0	44.3	43.6	39.9	36.1	31.1	24.5	17.1	10.0	4.34	0.63	432	0.00
60	1.20	6.80	15.3	24.5	31.4	36.0	40.2	44.0	46.5	46.5	44.3	40.1	34.8	28.5	20.8	12.4	5.26	0.81	480	0.00
50	1.39	7.76	17.5	26.4	32.3	40.2	50.5	59.8	65.0	65.4	60.4	50.9	40.2	31.3	23.5	14.5	6.08	0.97	594	10.6
40	1.56	8.50	18.7	26.6	35.7	51.0	72.8	96.3	112	111	95.1	71.7	50.7	35.3	25.0	15.6	6.64	1.09	836	455
30	1.65	8.97	19.0	27.3	40.7	65.8	111	179	231	227	167	103	63.6	40.0	26.2	16.1	6.99	1.18	1336	1075
20	1.73	9.26	19.0	28.4	45.7	82.1	167	339	477	463	297	144	76.9	44.4	27.4	16.3	7.17	1.22	2246	2028
10	1.75	9.37	18.9	28.9	48.6	93.1	215	496	727	698	418	175	85.6	47.1	28.1	16.4	7.26	1.25	3115	2912
0	1.75	9.33	18.9	28.9	48.5	92.6	214	488	712	679	401	171	84.4	46.6	27.9	16.3	7.21	1.24	3049	2844
-10	1.70	9.13	18.9	28.2	45.0	80.1	161	316	430	413	263	134	74.3	43.4	27.0	16.2	7.07	1.20	2071	1846
-20	1.61	8.79	18.7	27.2	40.1	63.7	103	153	185	178	136	93.6	60.4	38.7	25.6	15.8	6.79	1.13	1158	884
-30	1.48	8.24	18.2	26.4	35.2	49.2	67.1	82.9	91.6	90.9	81.7	65.3	47.8	33.9	24.1	15.0	6.38	1.03	746	273
-40	1.33	7.48	16.8	25.6	32.0	39.4	48.0	54.9	58.2	58.1	54.6	47.2	38.0	29.8	22.2	13.6	5.71	0.90	554	0.00
-50	1.12	6.47	14.5	23.4	30.0	34.7	38.8	42.2	44.4	44.4	41.8	37.6	32.3	26.5	19.2	11.5	4.86	0.74	455	0.00
-60	0.89	5.32	11.7	19.0	26.5	32.1	35.5	38.1	40.7	40.3	36.9	33.1	28.4	22.3	15.4	8.99	3.88	0.54	399	0.00
-70	0.59	3.89	8.42	13.6	19.0	23.9	28.0	31.0	32.8	32.1	29.2	25.4	20.8	15.6	10.6	6.21	2.62	0.30	304	0.00
-80	0.21	1.36	2.89	4.52	6.12	7.63	9.04	10.0	10.1	9.82	9.30	7.94	6.29	4.64	3.15	1.80	0.63	0.02	95.4	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	21.6	121	261	396	569	855	1433	2509	3348	3239	2213	1268	802	533	358	215	92.4	14.7	18249	---
Φ a	0.00	0.00	0.00	0.00	14.1	386	1017	2113	2954	2843	1811	863	323	2.51	0.00	0.00	0.00	0.00	---	12327

one-half-peak spread: U:16.1,D:18.4 , L:17.7,R:17.7

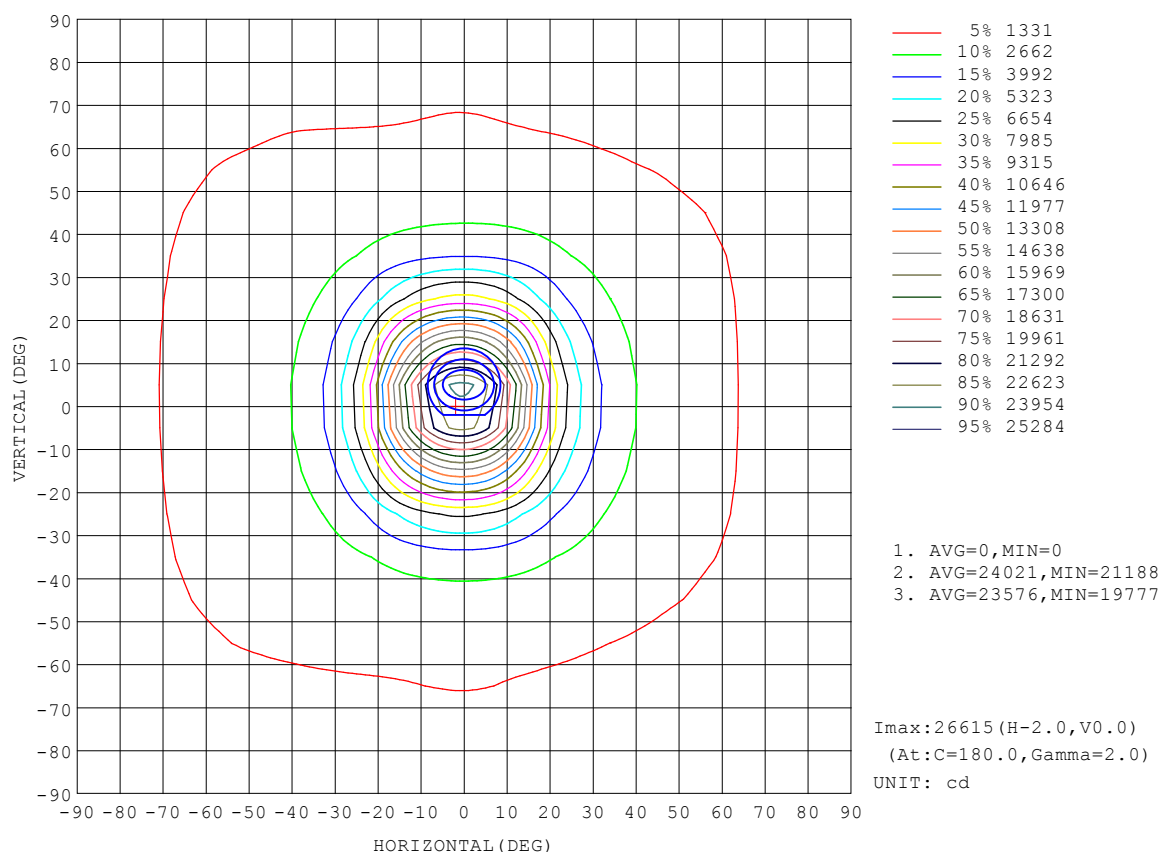
NEMA Beam Type: Type 5

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:18248.9x1 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

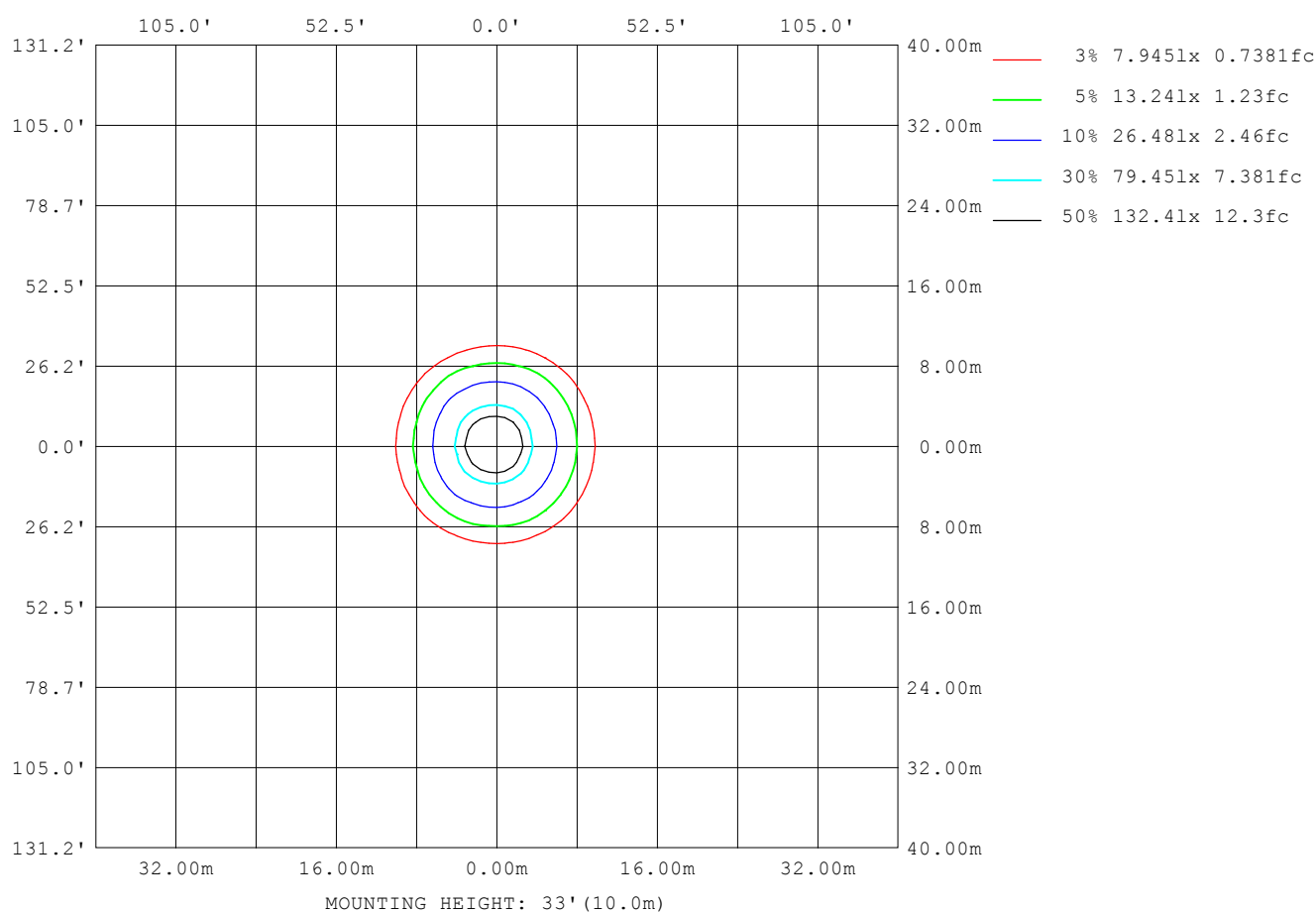


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:17 October 2019

V(B) Range:-80 - 80DEG
 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

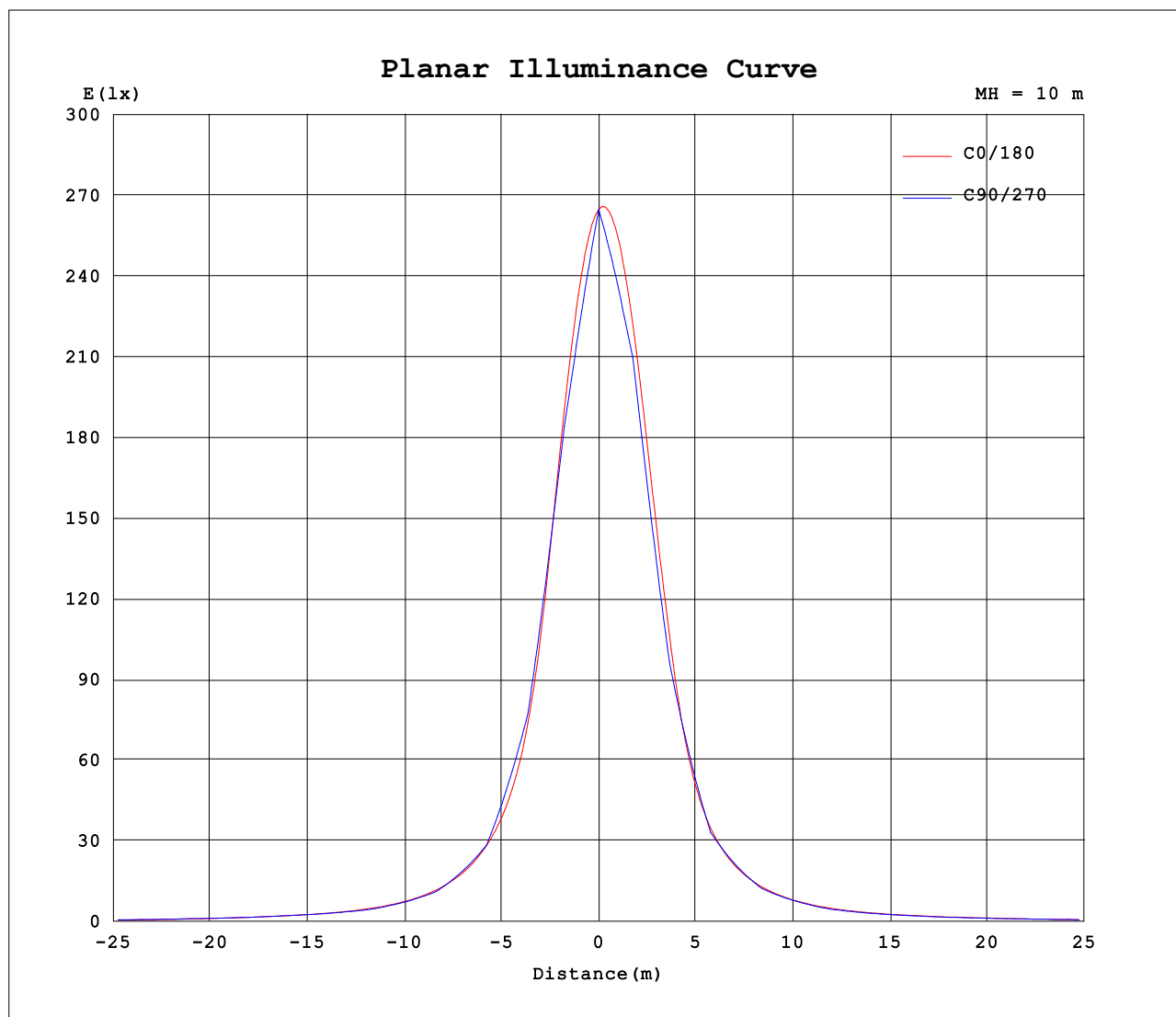
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NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:150W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



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



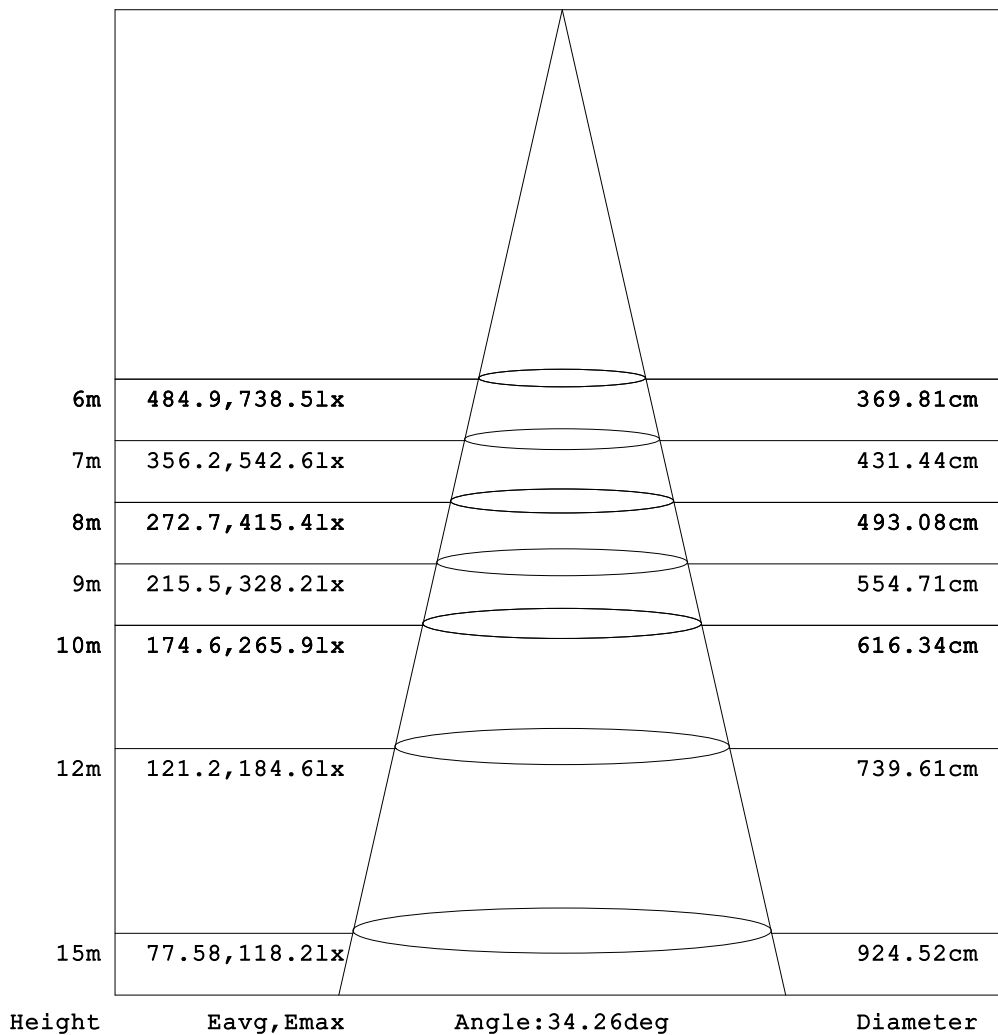
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:17 October 2019

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:18248.9x1 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:18248.9x1 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	0.45	9.75	28.4	38.4	45.4	51.1	55.9	59.9	63.5	66.6	69.4	71.8	74.3	76.4	78.2	79.4	79.5	78.8	77.9
-75	0.42	9.24	34.2	47.0	56.1	63.7	70.5	76.2	81.3	86.1	90.1	93.2	95.9	98.0	99.7	101	103	104	104
-70	0.51	20.3	46.0	59.6	70.0	79.1	87.5	94.7	101	107	112	116	118	120	122	124	126	129	129
-65	0.38	17.3	48.8	64.8	77.2	88.5	99.0	107	114	120	125	127	128	129	129	130	133	135	137
-60	0.63	31.5	59.0	75.3	89.1	102	114	123	130	136	138	138	138	137	137	137	140	143	144
-55	0.35	25.5	59.7	78.5	94.9	110	123	132	137	140	141	142	143	145	147	149	151	154	155
-50	0.74	40.6	68.8	88.5	107	124	136	144	146	144	143	145	149	153	158	161	164	165	166
-45	0.32	33.8	68.4	90.3	110	128	141	146	148	149	152	158	167	177	187	195	201	205	207
-40	0.92	48.8	77.4	100	122	139	149	150	150	154	163	175	190	206	220	232	241	246	247
-35	0.34	41.5	75.4	99.7	122	140	149	151	153	161	175	195	219	247	276	303	324	339	343
-30	1.06	53.4	83.6	108	131	147	151	152	159	173	195	224	259	299	342	383	415	434	438
-25	0.40	46.7	80.6	107	130	146	151	154	163	181	208	246	297	365	452	544	621	671	687
-20	1.24	57.2	88.6	115	136	148	151	158	172	197	235	287	360	463	599	738	851	921	932
-15	0.50	49.8	84.3	111	134	147	151	158	173	201	242	303	392	535	754	1020	1245	1390	1434
-10	1.37	59.0	91.4	118	138	148	153	163	183	218	270	348	471	680	1014	1401	1710	1895	1928
-5	0.68	51.3	86.3	114	136	146	152	161	181	215	267	345	469	685	1057	1532	1948	2220	2297
0	1.42	60.3	93.0	120	139	148	154	166	189	229	289	381	534	811	1287	1843	2322	2607	2648
5	0.87	51.6	86.8	114	136	147	152	162	182	216	270	350	478	703	1099	1605	2054	2348	2430
10	1.50	59.7	92.3	119	139	148	153	164	185	222	277	360	493	722	1110	1562	1934	2157	2192
15	1.03	50.8	85.6	113	135	148	152	159	176	205	250	315	414	574	837	1164	1447	1631	1685
20	1.56	58.6	90.4	117	138	150	152	160	176	203	244	302	386	513	693	889	1051	1148	1165
25	1.21	48.8	82.7	109	132	148	152	155	166	185	216	259	317	400	512	638	747	818	840
30	1.58	55.5	86.0	111	134	150	152	154	162	178	202	236	277	327	382	435	478	504	510
35	1.37	45.5	77.9	103	126	144	152	152	155	165	181	204	233	266	303	338	367	386	393
40	1.65	51.5	80.3	104	126	144	152	150	151	157	168	183	201	220	239	254	266	273	275
45	1.46	38.6	71.5	94.0	115	134	146	150	149	150	155	164	175	187	199	210	218	223	225
50	1.69	45.4	72.2	92.8	113	130	143	149	148	145	145	148	153	159	165	169	172	174	175
55	1.51	29.1	63.2	82.7	100	117	130	139	142	143	143	144	145	147	150	153	155	157	158
60	1.70	35.6	62.7	79.9	95.2	109	122	131	138	142	142	139	138	137	137	138	139	141	141
65	1.54	19.2	52.8	69.5	83.0	95.5	107	116	123	129	132	132	132	133	133	135	137	140	141
70	1.69	22.5	50.5	64.8	76.0	86.1	95.4	103	111	117	122	125	127	129	130	133	136	140	141
75	1.58	10.3	38.7	52.7	62.8	71.3	78.7	85.0	91.0	96.4	101	104	106	108	109	111	113	115	116
80	1.67	11.4	33.5	45.0	53.2	59.5	64.8	69.2	73.7	77.6	80.7	83.2	85.7	87.7	89.4	90.8	91.7	91.2	90.1
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

Test:U:220.00V I:0.6490A P:140.57W PF:0.9845 Freq:49.99Hz Lamp Flux:18248.9x1 lm		
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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	77.2	76.3	74.5	71.7	68.3	64.7	60.8	56.8	52.6	48.6	44.2	39.6	34.5	28.6	21.5	11.5	0.78	0.50	
-75	102	99.5	96.6	93.3	89.7	85.9	81.7	77.0	71.9	66.3	60.6	54.6	48.1	41.1	32.9	22.4	6.12	0.54	
-70	126	122	117	114	110	105	101	95.3	88.9	81.7	74.7	67.0	59.0	50.5	40.7	27.9	5.58	0.49	
-65	135	130	127	124	120	117	113	109	103	95.8	88.2	80.0	70.4	60.3	49.5	36.2	14.3	0.54	
-60	141	138	135	132	130	127	124	120	115	107	98.6	89.4	77.8	65.9	53.5	38.0	10.8	0.49	
-55	154	151	148	145	141	137	132	128	124	118	110	101	89.7	76.0	61.7	45.9	21.8	0.55	
-50	165	164	160	156	150	144	138	134	131	127	118	109	96.3	80.6	64.2	46.5	17.3	0.50	
-45	205	202	196	187	177	166	155	146	140	134	127	119	106	90.1	72.2	53.8	28.6	0.57	
-40	244	238	228	215	200	184	168	156	146	139	133	124	110	92.7	73.2	52.8	22.7	0.51	
-35	337	322	300	273	245	219	195	174	158	147	139	130	118	100	80.6	60.1	33.9	0.60	
-30	425	398	361	320	280	244	212	186	166	151	141	133	118	100	80.1	58.4	28.4	0.54	
-25	661	594	507	422	350	292	245	208	180	161	147	137	124	106	86.2	64.8	37.5	0.63	
-20	876	757	617	492	394	319	262	218	186	163	149	138	122	104	84.3	61.9	31.2	0.57	
-15	1365	1178	908	656	487	375	298	242	202	173	155	142	126	108	89.9	68.1	39.9	0.67	
-10	1798	1499	1087	739	528	396	309	247	204	174	155	142	123	106	87.3	64.5	33.3	0.61	
-5	2169	1835	1344	885	605	440	336	265	216	181	160	145	127	110	92.0	69.9	41.2	0.73	
0	2438	1993	1396	890	602	435	330	260	212	178	158	143	123	107	88.5	65.2	33.5	0.68	
5	2289	1936	1420	923	622	449	340	268	218	182	160	146	127	110	92.5	70.3	41.4	0.80	
10	2032	1692	1223	805	557	411	317	252	207	176	157	143	123	107	88.4	65.3	33.7	0.74	
15	1598	1378	1051	730	522	394	308	249	206	176	157	144	127	110	91.4	69.3	40.6	0.86	
20	1097	946	738	554	426	337	273	226	191	167	151	140	123	105	86.2	63.2	32.0	0.79	
25	808	724	599	475	380	310	257	216	186	165	150	140	126	108	88.6	66.8	38.7	0.92	
30	493	457	407	353	302	259	223	193	171	156	145	136	121	103	82.9	60.6	30.1	0.84	
35	386	366	336	301	266	233	205	182	165	152	143	135	122	104	83.9	62.8	35.6	0.98	
40	272	264	251	234	215	196	178	163	152	144	138	130	115	96.9	77.0	55.7	26.2	0.90	
45	224	220	213	202	190	176	164	154	146	140	135	126	113	95.5	76.6	57.1	31.3	1.04	
50	175	174	170	165	159	152	145	140	137	135	128	118	104	86.7	68.7	49.8	20.8	0.96	
55	158	156	154	151	147	143	139	135	132	127	120	110	97.4	82.3	66.6	49.7	24.9	1.10	
60	140	138	137	135	134	133	132	129	125	116	108	98.1	85.1	71.7	58.1	41.6	12.4	1.03	
65	139	135	132	130	128	125	123	119	113	106	97.6	88.7	77.8	66.5	54.7	40.3	16.8	1.17	
70	136	131	126	123	120	117	112	107	99.6	91.5	83.9	75.1	66.0	56.7	46.1	32.0	7.28	1.12	
75	114	110	107	104	100	96.8	92.8	88.5	82.9	76.5	70.2	63.5	56.2	48.5	39.5	27.8	8.51	1.24	
80	89.3	87.8	85.5	82.3	79.0	75.5	71.8	68.2	63.6	59.0	54.0	48.9	43.3	36.9	28.9	17.5	2.06	1.21	
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: