

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1577.4 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	76.0V x 71.7H
	At 50% of Imax	34.8V x 33.7H
	At 90% of Imax	12.4V x 14.3H

Beam Flux	Total	996.4 lumens per klm.
	To 10% of Imax	661.8 lumens per klm.
	To 50% of Imax	324.2 lumens per klm.
	To 90% of Imax	51.0 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.6 %

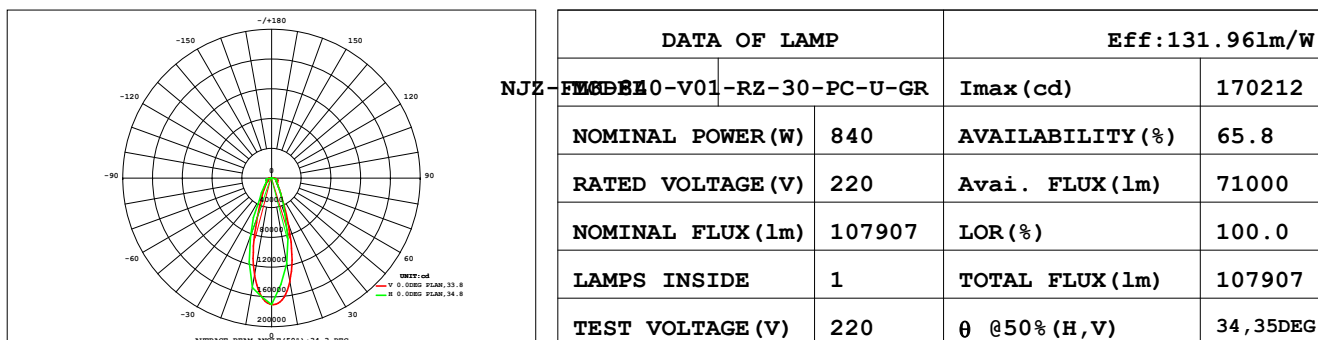
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 November 2019

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:219.59V I:3.7783A P:817.69W PF:0.9855 Freq:49.99Hz Lamp Flux:107907x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:840W	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	4.18	31.7	68.9	110	153	191	221	243	262	261	240	215	183	144	101	62.1	27.9	3.66	2523	0.00
70	6.10	34.5	74.5	121	166	195	216	234	255	254	232	212	188	156	112	68.1	31.1	5.33	2561	0.00
60	7.33	39.5	87.9	140	172	189	215	240	253	253	241	216	190	165	128	79.9	36.0	6.45	2659	0.00
50	8.25	43.7	98.4	142	168	217	280	339	375	377	344	284	219	167	134	88.3	40.0	7.41	3331	0.00
40	8.97	46.9	103	137	187	272	399	558	680	685	569	406	275	187	134	91.8	42.5	8.07	4789	2088
30	9.36	48.8	102	139	208	339	596	1094	1559	1566	1116	608	347	210	138	92.6	44.0	8.59	8225	6484
	9.61	50.2	100	144	228	409	872	2111	3302	3289	2088	872	418	231	142	91.9	44.7	8.85	14413	12933
	9.57	50.4	99.4	146	238	450	1072	2954	4730	4692	2859	1058	464	244	145	91.9	45.1	9.03	19357	17961
	9.30	49.9	99.3	145	235	436	1016	2724	4359	4337	2652	1010	454	240	144	91.5	44.9	9.02	18055	16643
	8.57	48.3	99.1	141	217	377	759	1673	2477	2496	1652	768	395	224	140	91.1	44.3	8.78	11619	10057
	7.55	46.4	99.5	138	197	306	501	776	993	1000	771	516	320	201	134	90.2	43.0	8.14	6148	4246
-30	6.22	43.4	97.0	136	176	245	340	432	490	494	444	352	254	179	130	88.9	41.3	7.16	3957	589
-40	4.95	39.0	90.1	136	164	201	247	286	306	308	291	252	203	159	127	84.0	38.4	5.98	2942	0.00
-50	3.73	33.2	77.8	128	160	180	200	217	227	228	218	200	175	151	119	75.2	33.8	5.02	2433	0.00
-60	2.53	26.4	63.3	105	148	177	191	202	215	216	200	185	169	141	102	63.0	27.7	4.12	2240	0.00
-70	1.29	17.5	46.9	78.2	112	144	170	190	205	205	188	168	143	112	79.7	49.6	21.4	3.08	1934	0.00
-80	0.36	5.58	17.2	28.9	40.7	52.1	63.4	71.9	75.7	75.7	72.1	63.9	53.4	41.9	30.2	19.1	7.68	0.89	721	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	108	655	1424	2116	2967	4380	7360	14345	20765	20736	14178	7388	4451	2953	2040	1319	614	110	107907	---
Φ a	0.00	0.00	0.00	0.00	0.00	842	4649	11773	18206	18182	11599	4742	1008	0.00	0.00	0.00	0.00	0.00	---	71000

one-half-peak spread: U:15.1,D:20.0 , L:16.7,R:17.3

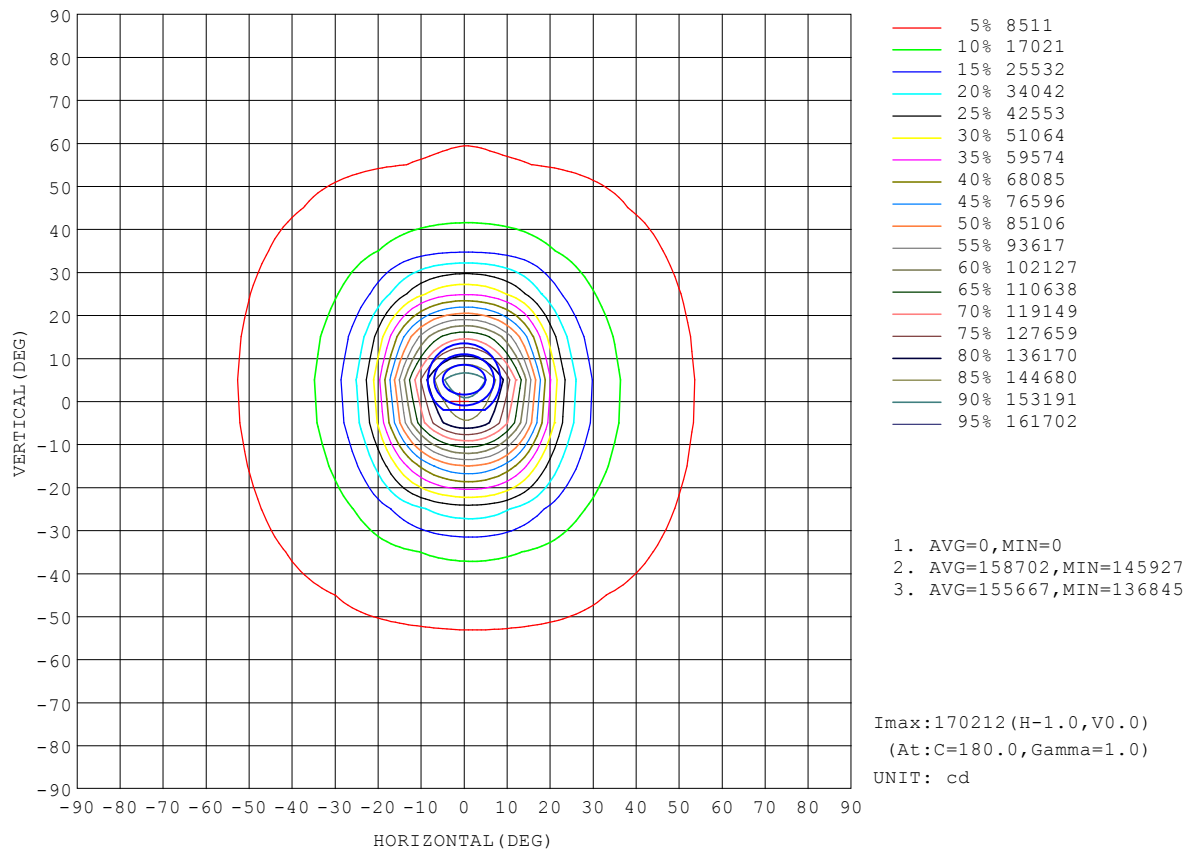
NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 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:219.59V I:3.7783A P:817.69W PF:0.9855 Freq:49.99Hz Lamp Flux:107907x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:840W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

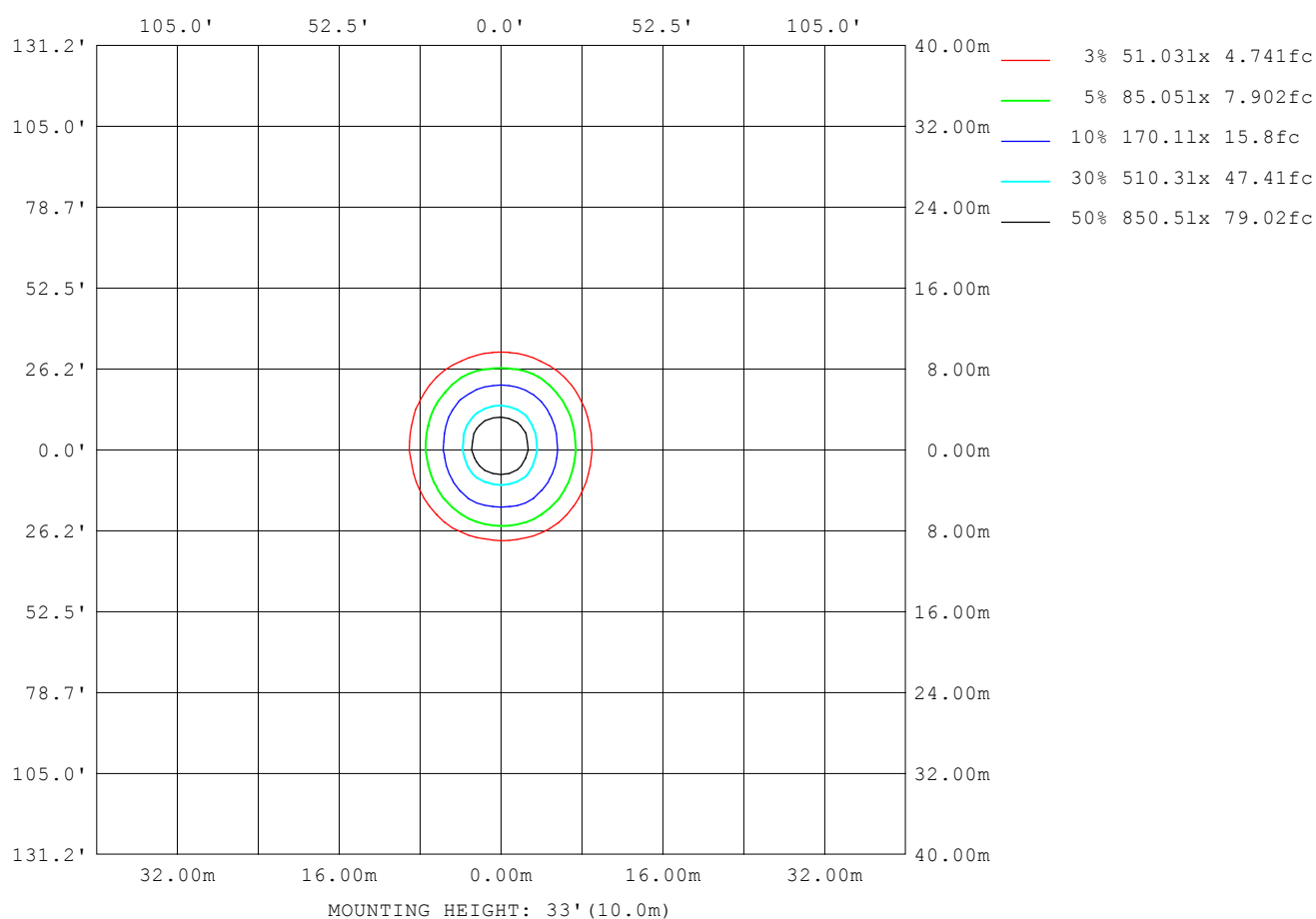


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 November 2019

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

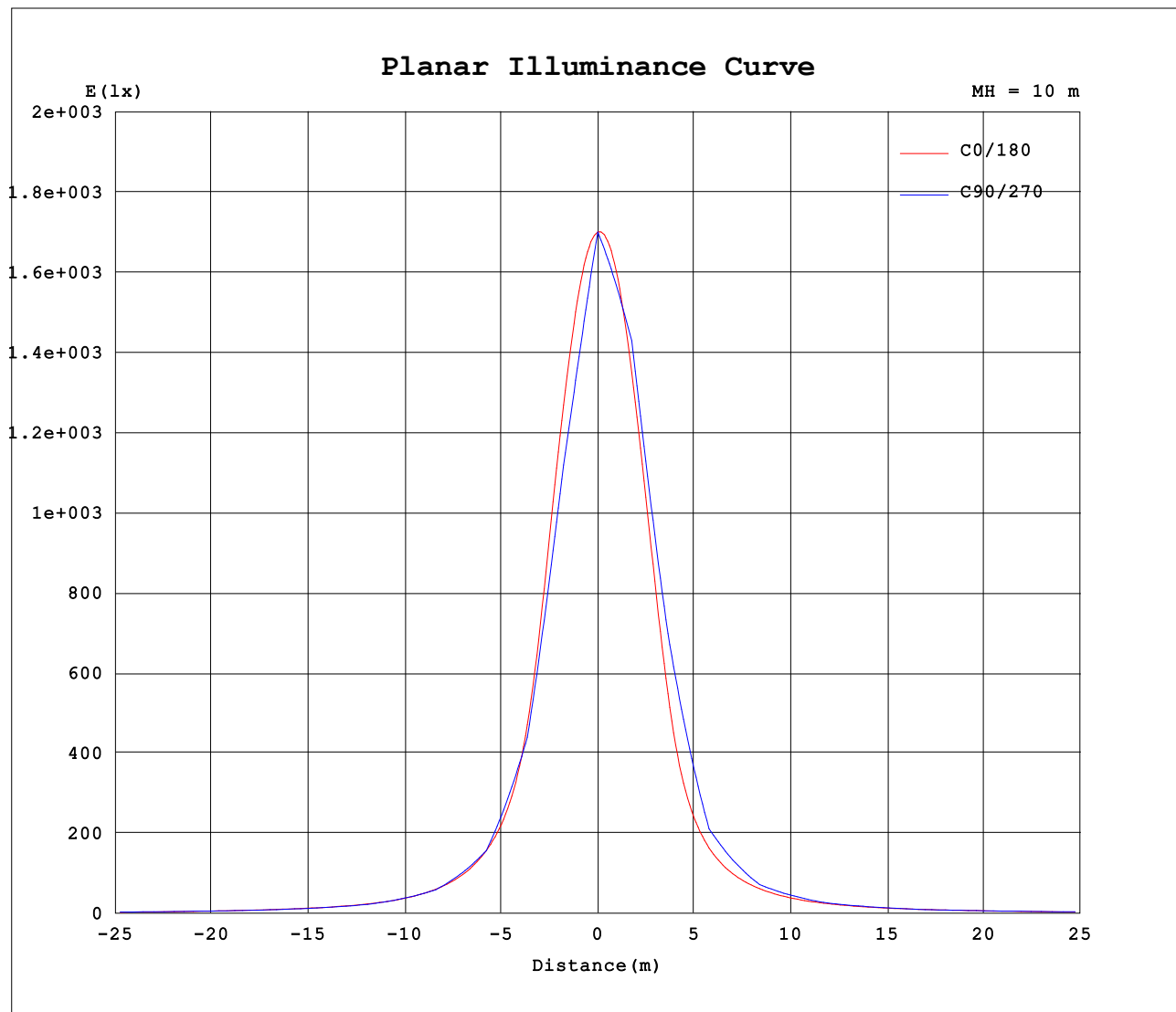
Test:U:219.59V I:3.7783A P:817.69W PF:0.9855 Freq:49.99Hz Lamp Flux:107907x1 lm		
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 November 2019

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



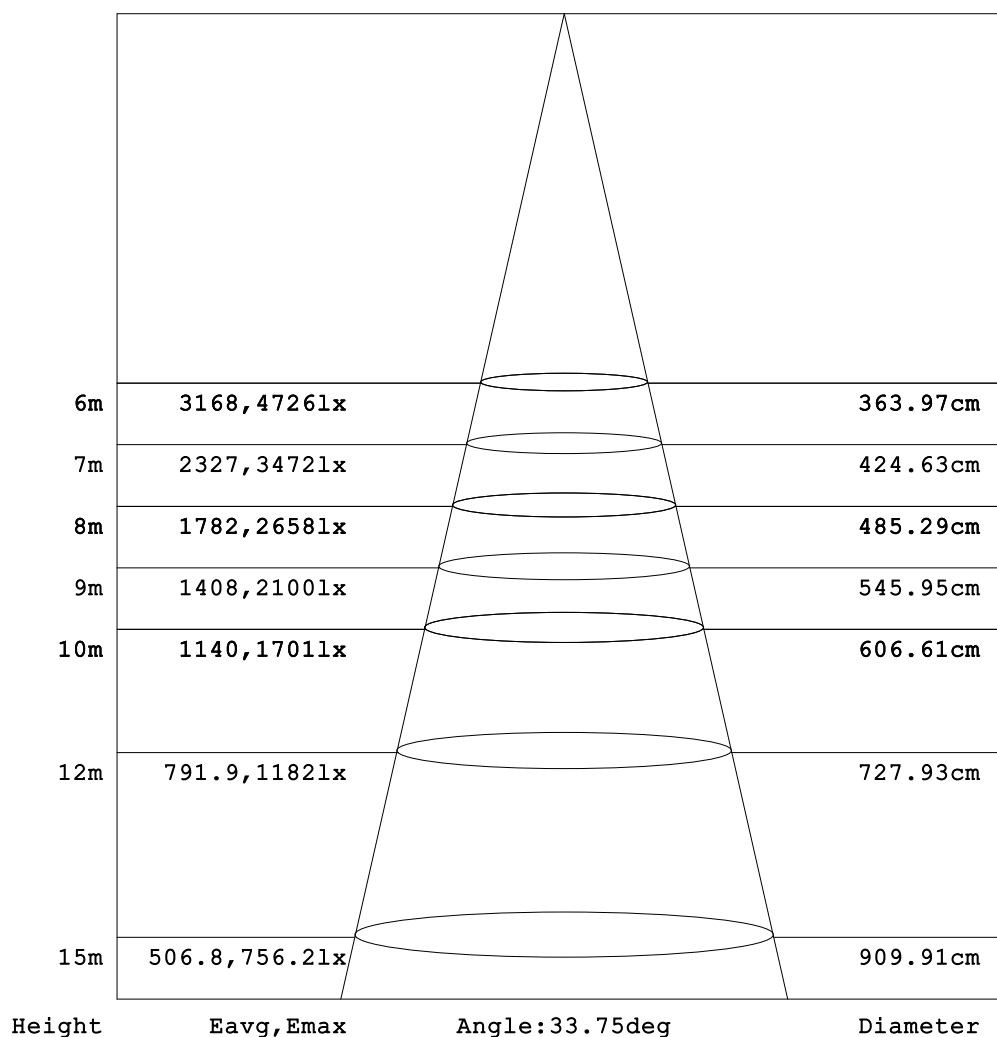
$H(\beta)$ Range: -90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: CL
 Test Date: 05 November 2019

$V(B)$ 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:219.59V I:3.7783A P:817.69W PF:0.9855 Freq:49.99Hz Lamp Flux:107907x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:840W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:33487 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: 05 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:219.59V I:3.7783A P:817.69W PF:0.9855 Freq:49.99Hz Lamp Flux:107907x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:840W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Table--1

UNIT: ×100cd

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	0.32	1.44	6.16	15.4	24.6	29.7	33.4	36.7	39.7	42.2	44.5	46.5	48.6	50.6	52.0	53.4	54.4	54.9	55.1
-75	0.30	1.58	8.99	19.7	29.8	35.5	40.2	44.1	47.7	50.9	53.8	56.0	58.1	59.7	60.9	62.1	63.4	64.7	65.6
-70	0.29	3.81	15.6	28.8	37.7	43.3	48.6	52.9	57.0	60.9	64.0	66.4	68.3	69.2	70.2	71.4	72.8	75.0	75.9
-65	0.29	3.51	16.6	31.5	41.5	48.0	54.2	59.3	63.5	67.4	69.5	70.2	70.3	70.0	70.0	70.6	71.5	73.2	74.3
-60	0.29	7.25	23.8	39.0	48.0	55.2	62.1	67.5	71.7	75.1	75.4	74.0	72.2	70.7	70.0	70.0	70.8	72.0	72.6
-55	0.28	6.16	23.6	40.5	50.7	59.0	66.6	72.1	74.5	74.9	74.2	73.8	74.1	74.6	75.5	76.6	77.7	78.8	79.5
-50	0.31	11.4	30.7	46.8	56.7	65.9	73.6	78.1	77.7	74.6	72.7	73.7	76.1	78.8	81.5	83.6	85.1	86.0	86.5
-45	0.28	9.29	30.2	47.5	58.5	68.6	75.8	78.5	77.2	76.2	77.0	80.3	85.2	90.8	96.4	101	105	108	110
-40	0.36	15.4	38.3	53.0	64.5	74.7	79.9	78.7	76.1	77.7	82.2	88.6	96.4	105	113	121	127	131	133
-35	0.27	12.2	37.1	52.7	64.6	75.0	79.6	78.1	77.5	80.8	87.4	96.9	109	124	140	157	171	182	187
-30	0.45	19.0	44.1	57.1	69.2	78.4	79.2	76.8	79.5	86.0	95.9	110	127	149	174	199	221	236	242
-25	0.21	15.8	42.3	56.2	68.6	77.8	79.1	77.7	81.2	88.9	101	119	143	176	223	278	330	368	385
-20	0.58	24.9	47.2	60.4	72.4	79.1	78.1	79.1	85.2	96.0	113	137	170	220	293	380	457	510	531
-15	0.14	21.0	45.1	58.8	71.0	77.9	78.0	79.3	85.7	97.3	116	143	184	251	365	536	695	803	850
-10	0.70	30.9	48.9	62.4	73.6	77.7	77.6	81.3	89.8	105	128	163	219	317	499	763	986	1126	1172
-5	0.00	25.8	46.7	60.6	72.7	77.5	77.9	81.1	89.3	104	127	163	220	322	522	846	1148	1357	1436
0	2.07	32.9	50.4	64.1	75.1	77.8	78.6	83.4	93.5	111	139	181	253	387	662	1062	1414	1642	1701
5	0.00	27.7	47.5	61.4	73.4	77.7	78.1	81.8	90.5	106	131	169	231	343	571	940	1282	1517	1600
10	1.34	33.2	50.4	64.1	75.0	77.9	78.2	82.7	92.4	109	136	176	243	367	615	967	1266	1450	1497
15	0.00	27.9	47.3	61.0	73.1	78.7	78.2	80.9	88.6	102	124	156	207	294	457	712	955	1115	1171
20	1.42	33.2	50.0	63.2	74.9	79.7	78.3	81.4	89.1	103	123	153	198	272	393	563	722	818	842
25	0.00	27.2	46.3	59.4	71.6	79.8	79.1	79.1	84.6	94.6	110	133	165	213	286	389	492	560	585
30	1.32	31.8	48.1	60.6	72.8	80.9	78.9	78.4	83.2	91.9	105	123	147	178	216	258	295	319	326
35	0.00	25.7	44.3	56.8	68.9	79.4	81.4	78.5	80.0	85.8	95.0	108	124	145	170	196	220	237	244
40	2.00	30.0	45.8	57.7	70.0	80.4	82.5	78.3	78.6	82.8	89.6	98.6	110	122	134	145	154	160	162
45	0.00	23.0	41.5	53.1	64.5	75.3	81.5	81.0	78.6	78.7	82.2	88.0	95.2	103	112	119	125	129	130
50	1.01	26.6	42.1	53.0	63.7	73.8	81.3	82.7	78.1	75.5	76.8	80.1	84.1	88.3	92.1	95.2	97.2	98.4	98.9
55	0.00	18.9	37.6	48.1	57.8	67.0	75.0	79.4	79.5	78.3	77.1	76.8	78.0	80.2	82.5	84.5	86.1	87.3	87.8
60	1.29	22.3	37.8	47.2	55.7	63.8	71.3	76.6	80.4	80.6	77.0	73.8	72.7	73.0	73.7	74.6	75.6	76.4	76.6
65	0.10	13.8	32.5	42.1	49.6	56.7	63.4	68.7	73.1	75.8	75.8	75.1	75.1	75.3	75.7	76.4	78.0	80.3	81.7
70	0.82	15.6	31.7	40.1	46.5	52.4	57.9	62.6	67.3	71.4	74.2	76.4	77.6	77.6	77.9	78.6	81.4	85.1	86.7
75	0.43	7.46	23.5	33.5	39.7	44.9	49.4	53.3	57.2	60.7	63.4	65.4	67.1	67.9	68.6	69.6	71.3	73.5	74.8
80	0.67	6.22	20.5	29.5	35.2	39.4	42.6	45.6	48.6	51.2	53.4	55.2	57.0	58.5	59.7	61.0	62.0	62.6	62.8
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:05 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:219.59V I:3.7783A P:817.69W PF:0.9855 Freq:49.99Hz Lamp Flux:107907x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:840W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Table--2

UNIT: ×100cd

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	55.0	54.4	53.4	52.1	50.7	49.0	47.2	45.4	43.2	40.8	38.2	35.7	32.6	28.7	21.9	13.3	5.87	1.68	
-75	65.0	63.6	61.9	60.6	59.2	57.7	56.2	54.2	51.7	48.7	45.6	42.4	38.7	34.6	27.8	17.8	9.89	2.31	
-70	74.5	72.0	69.9	68.6	67.1	65.9	64.4	62.1	59.1	55.4	51.8	47.8	43.2	38.3	30.0	18.8	9.99	1.42	
-65	73.5	71.8	70.1	69.1	68.2	67.7	67.5	66.8	65.0	61.8	58.2	54.3	49.2	43.6	36.0	23.4	13.9	2.50	
-60	71.9	70.7	69.7	69.3	69.1	69.5	70.5	70.9	69.9	66.6	63.1	58.9	52.9	46.4	37.6	23.6	12.9	1.16	
-55	79.4	78.6	77.6	76.3	74.8	73.4	72.3	71.3	70.6	69.9	68.1	64.1	58.5	51.6	43.4	29.8	17.1	2.55	
-50	86.6	86.1	84.9	82.8	79.9	76.7	73.7	71.4	71.2	72.6	71.8	67.4	61.6	53.7	45.0	29.5	16.0	0.90	
-45	110	108	105	101	94.9	88.8	82.9	78.0	74.6	73.3	72.8	70.8	65.6	57.9	48.8	36.7	19.2	2.47	
-40	132	129	124	116	107	98.4	90.0	82.8	77.2	73.8	73.5	72.5	66.8	58.6	48.9	36.5	16.7	0.74	
-35	186	178	166	150	133	118	104	92.2	83.4	77.3	74.3	73.5	69.7	61.8	52.3	41.8	21.4	2.25	
-30	237	224	202	177	152	131	113	97.7	86.7	79.1	74.6	73.8	69.8	61.4	51.8	41.2	18.3	0.13	
-25	379	347	296	241	194	158	130	109	93.8	83.2	76.7	73.9	71.3	63.6	54.7	44.4	26.1	1.84	
-20	512	452	367	285	220	172	138	113	95.9	84.2	77.0	73.7	70.2	62.6	53.6	42.8	22.2	0.33	
-15	828	734	576	399	278	206	158	126	104	89.0	79.8	75.0	71.7	64.6	56.4	45.8	30.2	1.46	
-10	1118	963	711	454	302	217	164	129	105	89.4	80.1	75.1	70.8	63.7	55.2	43.9	27.2	0.11	
-5	1384	1197	899	566	355	245	180	139	111	93.0	82.1	76.1	71.8	65.2	57.4	46.5	31.6	1.34	
0	1596	1329	948	568	352	242	177	136	109	91.2	81.0	75.5	70.9	64.0	55.6	44.1	27.0	0.00	
5	1534	1314	979	605	371	252	184	141	112	93.8	82.6	76.5	71.9	65.5	57.6	46.6	31.4	1.39	
10	1405	1181	854	520	330	230	170	133	107	90.8	81.1	75.9	71.0	64.2	55.6	44.1	26.7	0.00	
15	1124	975	741	479	313	223	167	131	107	91.0	81.2	76.0	72.3	65.4	57.1	46.1	30.8	1.41	
20	797	687	517	353	251	189	147	119	99.3	86.4	78.6	75.0	71.0	63.7	54.5	43.1	25.5	0.00	
25	565	505	407	299	224	174	140	115	97.6	85.8	78.6	75.6	72.7	65.2	55.9	44.9	29.6	1.29	
30	316	290	252	210	173	143	121	103	90.3	81.7	76.7	75.8	71.7	63.2	53.2	41.8	24.2	0.00	
35	240	225	203	176	151	129	112	97.7	87.2	80.0	76.4	75.8	72.0	63.9	53.8	42.9	27.7	1.14	
40	160	154	144	132	119	107	96.4	87.4	80.6	76.3	75.7	75.4	69.4	60.7	50.4	39.2	21.5	0.00	
45	130	127	121	114	105	97.0	89.3	82.7	78.2	76.3	76.3	74.6	68.8	60.4	50.4	40.0	24.9	1.18	
50	98.7	97.6	95.5	92.1	87.9	83.5	79.3	75.9	74.6	76.2	76.8	72.1	65.2	56.2	46.5	36.2	18.2	0.00	
55	87.6	86.8	85.4	83.3	80.8	78.4	76.7	75.8	75.6	74.9	73.5	69.2	62.4	54.3	45.5	36.1	21.1	1.05	
60	76.2	75.5	74.5	73.5	72.7	72.4	73.6	75.6	76.4	73.2	68.9	63.8	56.5	48.9	41.0	31.5	13.5	0.24	
65	80.6	78.2	76.3	75.3	74.3	73.5	73.2	72.9	71.9	68.4	64.0	59.1	52.9	46.2	39.2	30.8	15.8	0.70	
70	84.0	80.0	77.5	76.7	75.6	74.4	72.8	70.0	66.4	61.8	57.2	52.2	46.6	40.8	34.4	25.8	8.77	0.48	
75	73.5	70.9	69.0	67.7	66.4	64.8	63.1	60.7	57.6	53.8	49.9	45.9	41.3	36.2	30.7	22.2	8.98	0.59	
80	62.0	61.0	59.8	58.3	56.6	54.6	52.5	50.3	47.4	44.3	41.0	37.8	34.2	29.6	24.5	14.0	3.24	0.55	
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:05 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: