

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1102.6 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	85.8V x 82.2H
	At 50% of Imax	56.2V x 55.2H
	At 90% of Imax	20.6V x 18.1H

Beam Flux	Total	998.7 lumens per klm.
	To 10% of Imax	817.2 lumens per klm.
	To 50% of Imax	543.4 lumens per klm.
	To 90% of Imax	69.7 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

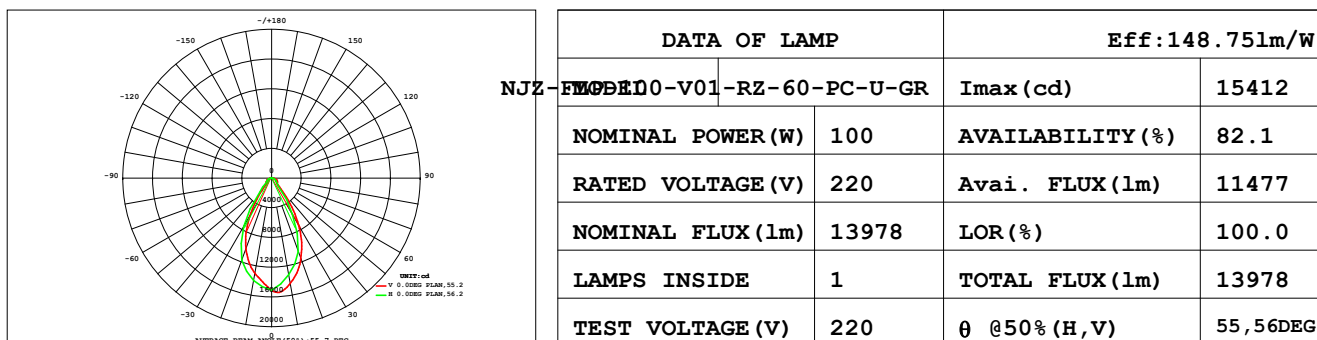
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:15 October 2019

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:219.95V I:0.4341A P:93.967W PF:0.9842 Freq:49.99Hz Lamp Flux:13978x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:100W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



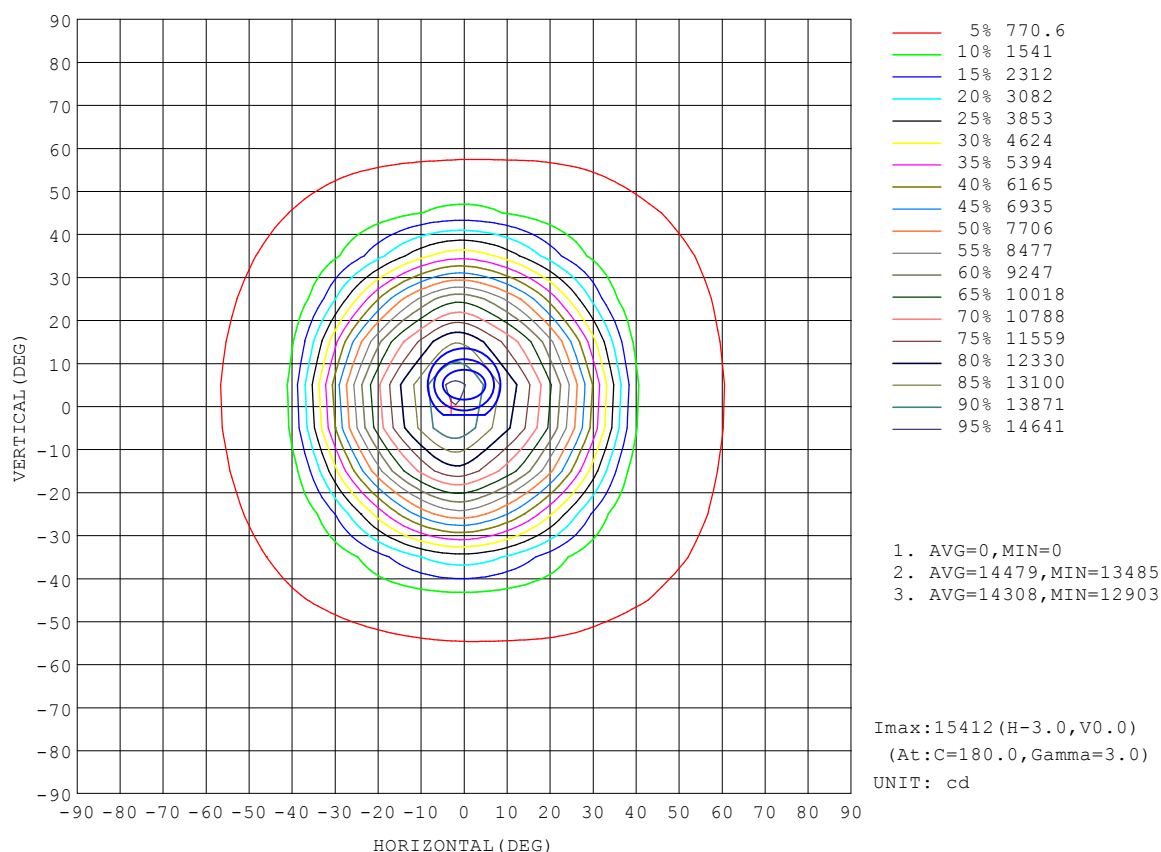
VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.06	0.67	2.12	4.15	6.60	9.12	11.3	12.7	13.4	13.5	12.9	11.5	9.26	6.69	4.13	1.98	0.54	0.04	121	0.00
70	0.11	1.23	3.74	6.88	10.3	13.6	16.4	18.1	18.9	19.1	18.5	17.0	14.2	10.7	7.09	3.77	1.15	0.08	181	0.00
60	0.17	1.86	5.39	9.57	13.8	17.7	21.1	23.5	24.6	24.8	23.9	21.8	18.5	14.5	10.1	5.65	1.88	0.14	239	0.00
50	0.23	2.30	6.45	11.2	15.9	20.8	26.3	36.1	45.2	44.8	35.4	26.1	21.4	16.8	11.9	6.85	2.37	0.20	330	81.6
40	0.28	2.63	7.20	12.3	17.7	26.3	52.2	97.3	134	131	91.5	49.0	25.7	18.4	13.1	7.67	2.72	0.24	689	519
30	0.31	2.86	7.68	13.1	19.8	45.4	127	222	288	278	208	114	40.5	19.8	14.0	8.21	2.96	0.28	1412	1291
	0.34	3.01	8.01	13.8	22.6	83.2	208	319	392	375	299	187	70.8	21.5	14.6	8.55	3.09	0.30	2030	1929
	0.34	3.08	8.19	14.2	25.8	111	250	366	442	419	342	227	93.8	23.1	15.0	8.77	3.16	0.31	2352	2256
	0.34	3.07	8.15	14.1	25.7	107	245	367	441	413	336	220	88.7	22.6	14.9	8.74	3.12	0.30	2319	2222
	0.32	2.96	7.87	13.5	21.9	73.4	186	293	361	343	274	169	60.4	20.6	14.4	8.44	3.01	0.29	1852	1748
	0.30	2.79	7.50	12.8	19.0	38.9	106	191	248	239	175	92.0	31.0	19.2	13.7	8.04	2.81	0.26	1207	1082
-30	0.26	2.52	6.90	11.9	17.1	21.8	38.6	73.7	101	97.1	65.9	32.7	21.2	18.0	12.8	7.43	2.53	0.22	532	348
-40	0.21	2.15	6.03	10.5	15.1	19.5	20.4	19.3	21.1	21.0	19.3	21.0	20.4	16.2	11.4	6.48	2.13	0.17	232	0.00
-50	0.15	1.65	4.78	8.63	12.5	16.1	19.1	21.0	21.7	22.0	21.9	20.4	17.3	13.5	9.30	5.11	1.61	0.12	217	0.00
-60	0.10	1.04	3.13	5.90	8.91	11.9	14.5	15.8	16.5	16.8	16.6	15.3	12.6	9.45	6.23	3.21	0.94	0.06	159	0.00
-70	0.04	0.44	1.40	2.81	4.65	6.49	8.08	9.20	10.7	10.7	9.43	8.36	6.62	4.70	2.72	1.25	0.32	0.02	88.0	0.00
-80	0.01	0.08	0.23	0.46	0.77	1.11	1.52	2.02	3.73	3.17	1.85	1.39	0.96	0.62	0.31	0.11	0.02	0.00	18.3	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	3.57	34.3	94.8	166	258	623	1352	2086	2583	2470	1951	1234	553	256	176	100	34.4	3.04	13978	---
Φ a	0.00	0.00	0.00	0.00	14.3	423	1175	1933	2435	2324	1787	1053	332	1.95	0.00	0.00	0.00	0.00	---	11477

one-half-peak spread: U:26.3,D:30.2 , L:26.3,R:29.2 NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG	V(B) Range:-80 - 80DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Temperature:25.3DEG	Humidity:65.0%
Operators:CL	Test Distance:6.010m [K=1.0000]
Test Date:15 October 2019	Remarks:

ISOCANDELA DIAGRAM

Test:U:219.95V I:0.4341A P:93.967W PF:0.9842 Freq:49.99Hz Lamp Flux:13978x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:100W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

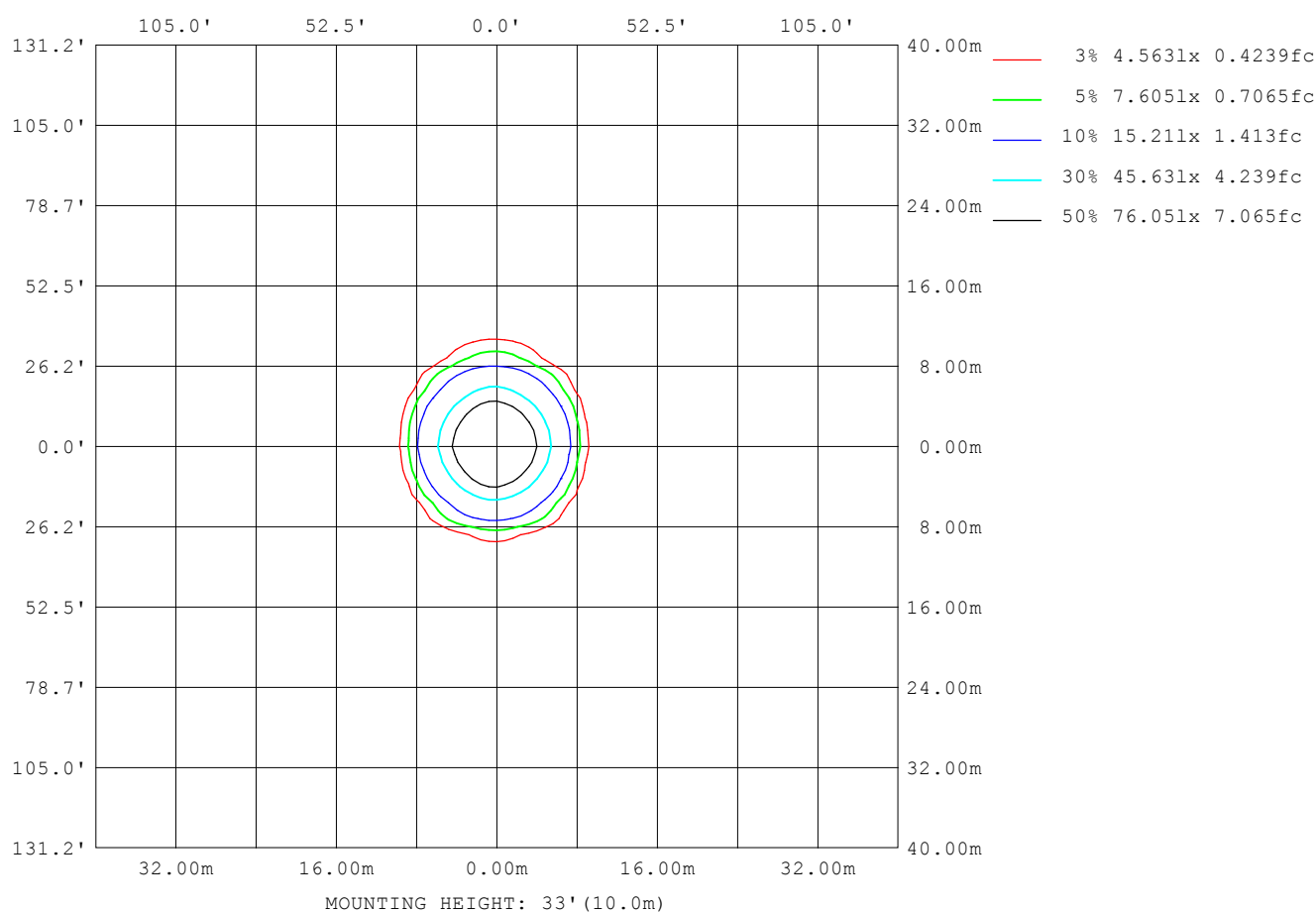


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:15 October 2019

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

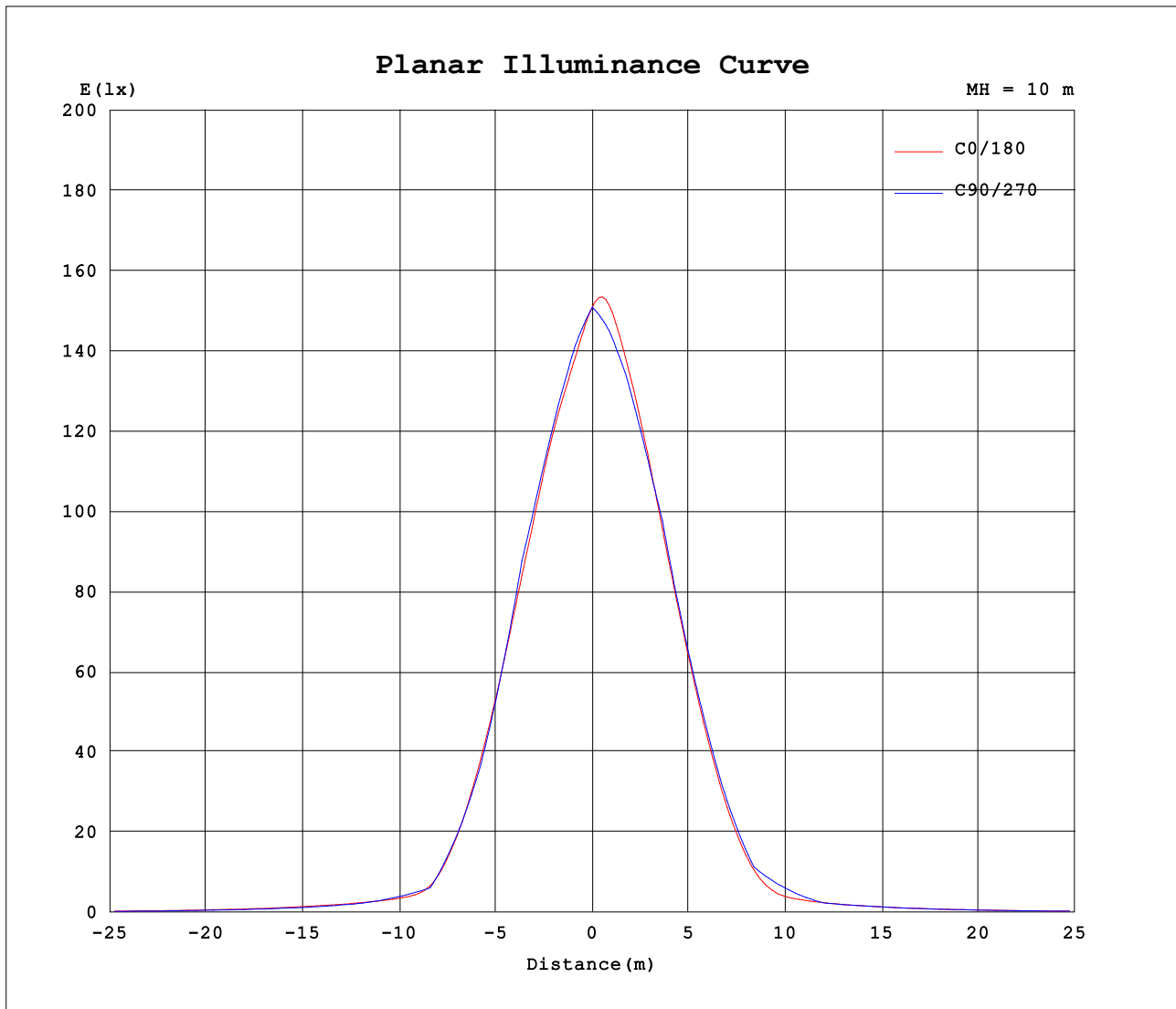
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:15 October 2019

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



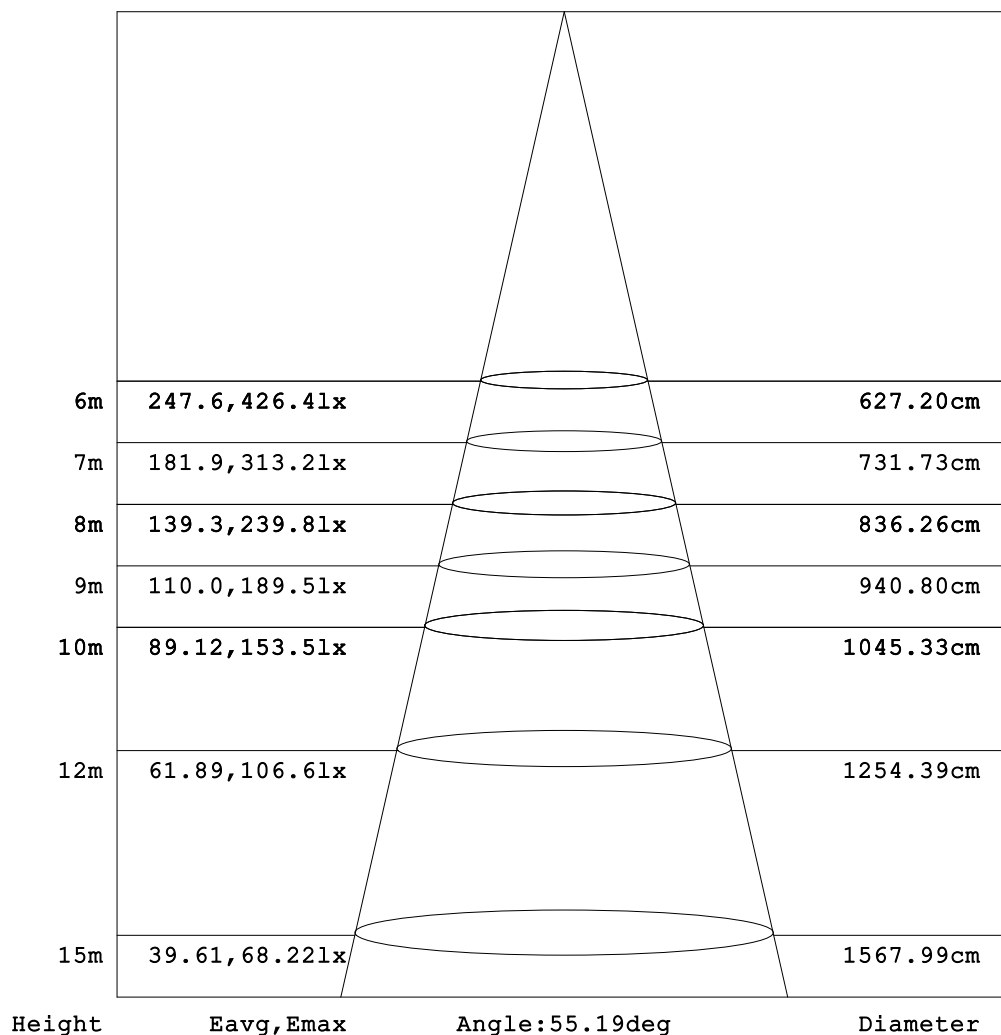
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:15 October 2019

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:219.95V I:0.4341A P:93.967W PF:0.9842 Freq:49.99Hz Lamp Flux:13978x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:100W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:7916 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:15 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:219.95V I:0.4341A P:93.967W PF:0.9842 Freq:49.99Hz Lamp Flux:13978x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:100W	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	0.17	0.43	1.59	3.06	4.49	5.89	7.33	8.84	10.4	11.9	13.1	14.4	15.7	17.0	18.0	19.2	22.3	28.9	31.5
-75	0.17	0.60	2.81	5.27	7.87	10.8	13.5	15.9	18.8	21.2	23.4	25.5	27.4	28.9	29.9	30.9	32.3	35.9	38.3
-70	0.18	1.52	5.02	8.46	12.3	16.9	20.6	24.0	28.3	31.4	34.5	37.4	39.7	41.3	42.2	42.9	43.4	44.4	44.9
-65	0.17	1.42	6.07	11.6	17.5	23.0	28.2	32.5	36.8	40.4	43.8	46.9	49.6	51.7	52.8	53.4	53.6	54.4	55.1
-60	0.18	3.24	9.06	17.0	24.8	31.3	37.7	42.8	46.8	50.7	54.4	57.7	60.5	62.7	63.7	64.0	64.1	64.8	65.5
-55	0.18	2.60	9.45	18.6	28.1	35.7	42.5	48.3	53.1	57.1	61.0	64.3	67.2	69.7	71.4	72.7	73.8	75.0	75.8
-50	0.20	4.93	12.9	24.1	34.7	42.9	49.9	56.0	61.1	65.2	68.9	72.1	75.0	77.4	79.6	81.8	83.9	85.6	86.3
-45	0.18	4.00	12.6	24.5	36.4	45.5	53.0	59.4	64.7	69.2	73.8	78.3	82.2	85.9	89.9	95.6	103	109	112
-40	0.22	6.68	16.4	29.9	42.2	51.2	58.7	65.1	70.3	75.0	80.5	86.1	91.0	95.8	102	112	124	135	137
-35	0.19	5.35	15.3	28.8	42.7	52.3	60.2	67.0	72.7	78.2	85.1	92.8	111	151	203	258	308	343	354
-30	0.24	7.98	18.7	33.8	47.5	56.8	64.6	71.4	77.1	84.0	92.5	104	145	227	327	426	508	560	568
-25	0.21	6.42	17.3	31.7	47.2	56.9	65.0	72.4	78.7	86.7	98.8	142	232	358	494	621	725	795	816
-20	0.28	9.10	20.7	36.7	51.2	60.6	68.6	76.0	83.1	93.2	114	209	367	544	715	863	977	1048	1056
-15	0.24	7.15	18.8	33.4	50.1	59.9	68.2	76.3	83.9	95.2	129	256	442	640	820	974	1096	1184	1199
-10	0.31	9.74	21.7	38.4	53.4	62.8	71.2	79.3	88.5	103	179	371	597	812	992	1139	1257	1341	1323
-5	0.27	7.56	19.7	34.3	51.9	61.9	70.4	79.0	88.2	103	174	376	616	843	1037	1201	1327	1425	1430
0	0.33	10.1	22.4	39.5	54.8	64.5	73.2	81.9	92.4	113	234	475	730	958	1152	1319	1441	1532	1509
5	0.29	7.66	19.9	34.4	52.3	62.3	71.0	79.7	89.3	105	185	401	649	875	1065	1226	1348	1454	1468
10	0.36	9.99	22.1	38.8	54.2	63.7	72.3	80.7	90.9	108	206	425	662	874	1048	1187	1302	1404	1401
15	0.30	7.41	19.4	33.6	51.2	61.0	69.3	77.6	86.1	99.0	147	308	519	726	905	1054	1172	1276	1298
20	0.38	9.57	21.4	37.3	52.5	61.7	69.8	77.5	85.5	97.6	135	271	462	655	827	972	1087	1176	1177
25	0.32	6.85	18.2	32.2	48.7	58.4	66.5	74.2	81.0	90.2	108	177	305	460	612	749	861	948	972
30	0.39	8.61	19.7	34.7	49.4	58.6	66.4	73.5	79.5	87.5	98.0	125	209	327	455	576	675	744	755
35	0.34	6.02	16.4	29.9	44.9	54.6	62.4	69.5	75.2	81.5	89.4	103	142	205	282	364	436	488	505
40	0.39	7.41	17.6	31.6	44.9	53.9	61.5	67.9	73.2	78.3	84.5	90.9	98.1	112	142	183	222	247	251
45	0.35	4.76	14.0	26.3	39.4	48.8	56.4	62.9	68.3	72.9	77.8	83.0	88.2	95.3	110	131	152	167	172
50	0.40	5.84	14.5	26.6	38.2	46.9	54.1	60.2	65.3	69.3	73.3	77.1	80.5	83.4	86.0	88.2	89.9	91.0	91.3
55	0.36	3.23	11.0	21.2	31.9	40.4	47.5	53.4	58.6	62.7	66.5	70.1	73.2	75.8	77.9	79.5	80.5	81.2	81.6
60	0.40	4.03	10.8	20.4	29.4	36.9	43.4	48.8	53.5	57.7	61.2	64.4	67.0	69.1	70.6	71.3	71.5	71.7	72.0
65	0.37	1.88	7.45	14.4	21.9	28.6	34.0	38.9	43.6	47.4	50.8	54.1	56.9	58.9	60.4	61.1	61.5	61.8	62.3
70	0.41	2.06	6.44	11.6	17.2	22.7	26.6	31.2	35.3	38.5	41.8	45.0	47.7	49.5	50.5	51.2	51.6	52.2	52.7
75	0.38	0.93	3.91	7.49	11.3	15.3	18.8	21.9	25.4	28.2	30.9	33.5	35.8	37.5	38.6	39.3	39.8	40.2	40.6
80	0.40	0.79	2.69	4.86	7.06	9.47	12.2	14.2	16.7	19.0	21.0	23.0	24.6	26.1	27.0	27.7	28.2	28.4	28.6
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:15 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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NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:100W	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	25.7	20.5	18.9	17.9	16.8	15.3	14.0	12.7	11.2	9.44	7.77	6.18	4.51	3.00	1.57	0.48	0.22	0.16	
-75	35.9	32.8	31.8	31.1	30.2	28.6	26.6	24.4	22.2	19.5	16.3	13.8	10.7	7.31	4.60	2.18	0.47	0.17	
-70	44.5	44.4	44.4	44.0	43.0	41.1	38.3	35.2	32.2	28.3	23.7	20.4	15.4	10.3	6.63	3.06	0.41	0.16	
-65	55.1	55.3	55.7	55.7	54.9	52.9	50.1	46.9	43.6	39.8	35.2	30.6	24.9	18.5	11.9	5.73	1.32	0.17	
-60	65.7	66.3	67.2	67.3	66.1	63.6	60.7	57.4	53.6	49.5	45.0	38.6	32.0	23.9	14.3	6.46	1.06	0.16	
-55	75.9	75.7	75.5	75.1	74.0	71.9	69.3	66.2	62.4	58.2	53.3	47.0	39.8	31.3	20.2	9.73	2.75	0.17	
-50	85.9	84.9	83.7	82.6	81.3	79.2	76.7	73.5	69.5	65.1	59.3	52.5	44.5	34.6	21.3	9.98	2.11	0.16	
-45	109	103	96.0	91.2	88.2	85.6	82.7	79.2	75.3	71.1	65.4	58.6	50.7	40.8	26.9	13.4	4.33	0.17	
-40	130	117	106	98.4	94.1	90.9	87.4	83.5	79.5	75.0	68.9	61.7	53.3	42.2	26.4	12.9	3.24	0.17	
-35	336	298	249	197	147	108	93.5	88.3	83.7	79.2	73.7	66.4	58.1	47.9	31.7	16.4	5.83	0.18	
-30	530	461	371	275	182	115	97.1	91.3	86.1	81.6	75.8	67.9	59.3	48.3	30.1	15.4	4.40	0.18	
-25	773	697	595	473	344	220	133	97.4	90.0	84.7	79.4	71.7	62.9	52.9	34.7	18.7	7.05	0.19	
-20	990	897	772	621	454	284	145	99.3	91.6	85.8	80.3	72.0	62.8	52.3	31.8	17.1	5.17	0.19	
-15	1131	1045	932	787	615	425	241	122	95.4	88.8	83.1	75.1	66.0	56.1	36.7	20.4	7.91	0.21	
-10	1239	1154	1039	888	702	491	273	121	96.1	89.4	83.2	74.7	65.4	54.9	33.0	18.5	5.75	0.21	
-5	1339	1246	1135	984	800	586	355	160	100	92.2	85.6	77.6	68.3	57.9	38.1	21.4	8.39	0.22	
0	1401	1301	1176	1012	816	590	348	148	99.6	92.4	85.4	76.7	66.7	56.0	33.3	18.9	5.91	0.22	
5	1376	1278	1165	1011	826	610	377	171	101	92.9	86.1	78.1	68.6	58.2	38.6	21.6	8.48	0.23	
10	1309	1217	1098	943	753	539	315	138	97.8	90.8	84.1	75.6	66.0	55.5	33.8	18.9	5.86	0.22	
15	1224	1131	1016	867	688	489	290	138	97.4	90.2	84.0	76.1	66.8	56.9	38.1	21.0	8.16	0.24	
20	1101	1005	880	724	546	358	192	105	93.4	87.0	81.2	73.0	63.7	53.4	33.3	17.9	5.40	0.23	
25	918	833	722	587	436	288	166	104	92.0	86.0	80.5	72.9	64.0	54.3	36.6	19.8	7.44	0.26	
30	705	621	513	390	266	162	104	93.9	88.1	82.8	77.3	69.4	60.7	50.2	32.1	16.5	4.72	0.24	
35	479	424	352	272	196	138	101	90.9	85.7	80.8	75.5	68.2	59.9	50.0	34.0	17.8	6.30	0.27	
40	235	201	159	121	101	94.5	90.5	85.8	81.4	76.9	71.1	63.8	55.5	44.8	28.9	14.2	3.64	0.25	
45	165	149	128	108	94.3	89.2	85.9	82.0	77.8	73.5	68.1	61.3	53.4	43.7	29.7	15.1	4.85	0.28	
50	90.8	89.9	88.7	86.9	84.9	82.6	79.8	76.5	72.4	68.3	62.7	55.8	47.8	37.8	24.3	11.5	2.30	0.26	
55	81.6	81.3	80.9	80.0	78.4	76.3	73.6	70.4	66.8	62.5	57.5	51.2	43.8	35.0	23.4	11.5	3.16	0.29	
60	72.3	72.6	72.9	72.5	71.2	69.1	66.3	63.0	59.5	55.0	50.0	43.9	36.5	28.0	17.5	7.74	1.16	0.28	
65	62.4	62.4	62.6	62.3	61.3	59.4	56.8	53.4	50.0	46.1	41.2	35.9	30.0	22.8	14.8	7.10	1.61	0.31	
70	52.5	52.3	52.3	51.7	50.7	48.9	46.0	42.5	39.1	35.5	30.2	25.7	20.8	14.5	8.77	3.92	0.60	0.30	
75	40.6	40.3	40.1	39.5	38.5	36.9	34.7	31.9	29.2	26.3	22.5	18.8	15.1	10.7	6.51	3.09	0.73	0.32	
80	28.6	28.3	27.7	27.0	25.8	24.2	22.3	20.3	18.3	15.7	13.2	10.5	7.71	5.19	2.76	1.04	0.41	0.32	
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:15 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: