

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1558.9 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	75.3V x 76.7H
	At 50% of Imax	32.6V x 35.1H
	At 90% of Imax	8.8V x 14.5H

Beam Flux	Total	997.1 lumens per klm.
	To 10% of Imax	659.9 lumens per klm.
	To 50% of Imax	304.4 lumens per klm.
	To 90% of Imax	37.4 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.7 %

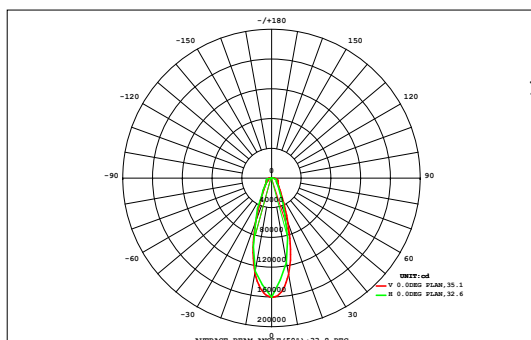
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 November 2019

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:120.12V I:6.5745A P:775.85W PF:0.9824 Freq:59.98Hz Lamp Flux:102824x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:800W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



DATA OF LAMP		Eff:132.53lm/W	
NJZ MODEL 800-V01-RZ-30-PC-BL		Imax (cd)	160293
NOMINAL POWER (W)	800	AVAILABILITY (%)	65.6
RATED VOLTAGE (V)	120	Avai. FLUX (lm)	67427
NOMINAL FLUX (lm)	102824	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	102824
TEST VOLTAGE (V)	120	θ @50% (H,V)	35,33DEG

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	2.52	24.0	55.4	90.4	127	162	191	214	228	229	214	191	162	127	90.5	55.6	24.0	2.43	2188	0.00
70	4.51	29.7	65.4	108	151	185	209	230	249	248	229	209	185	150	107	65.0	29.5	4.15	2456	0.00
60	6.13	35.3	79.8	130	170	197	220	240	253	252	240	220	197	168	128	78.7	35.0	5.74	2655	0.00
50	7.17	40.2	91.9	141	174	216	270	317	342	343	318	271	217	173	139	89.9	39.8	6.88	3197	0.00
40	8.00	44.1	98.8	143	192	271	379	496	577	579	501	381	272	191	140	95.5	43.2	7.69	4421	1511
30	8.55	46.4	100	146	217	343	563	904	1210	1223	934	575	346	217	145	97.3	45.5	8.32	7129	5450
20	8.95	48.1	101	153	243	426	839	1738	2626	2651	1823	870	427	241	150	96.9	46.6	8.64	12496	11109
10	9.07	48.7	100	156	258	484	1087	2647	4200	4235	2769	1129	485	257	154	97.1	47.2	8.83	18174	16889
0	9.01	48.6	100	156	258	482	1084	2630	4183	4223	2741	1112	480	255	153	96.7	47.0	8.73	18068	16778
-10	8.60	47.6	99.7	152	240	419	823	1688	2472	2482	1717	824	415	237	149	96.6	46.1	8.34	11924	10518
-20	7.85	45.9	99.1	146	215	334	532	789	979	972	764	518	328	209	142	95.4	44.3	7.50	6229	4475
-30	6.81	43.0	96.0	141	189	260	351	431	472	468	422	344	256	185	137	93.3	41.7	6.41	3943	698
-40	5.71	38.9	89.0	137	172	211	255	288	303	301	284	249	205	166	132	85.9	37.3	5.20	2964	0.00
-50	4.46	33.2	76.1	124	162	187	209	225	236	236	223	205	182	157	121	73.8	31.8	4.08	2491	0.00
-60	3.22	26.7	60.6	100	141	175	194	208	222	222	207	191	171	139	98.1	59.0	25.4	2.85	2247	0.00
-70	1.78	18.2	42.5	69.7	98.7	127	151	170	181	181	170	151	127	97.9	68.6	41.4	17.1	1.51	1716	0.00
-80	0.40	5.44	13.5	21.8	30.3	38.9	47.3	53.2	54.8	54.8	53.2	47.0	38.4	29.4	20.5	12.1	3.94	0.11	525	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	103	624	1370	2117	3038	4519	7404	13269	18787	18899	13607	7488	4493	3000	2074	1330	606	97.4	102824	---
Φ a	0.00	0.00	0.00	0.00	0.00	1467	4884	10803	16305	16380	11146	5019	1423	0.00	0.00	0.00	0.00	0.00	---	67427

one-half-peak spread: U:15.6,D:17.3 , L:17.8,R:17.5

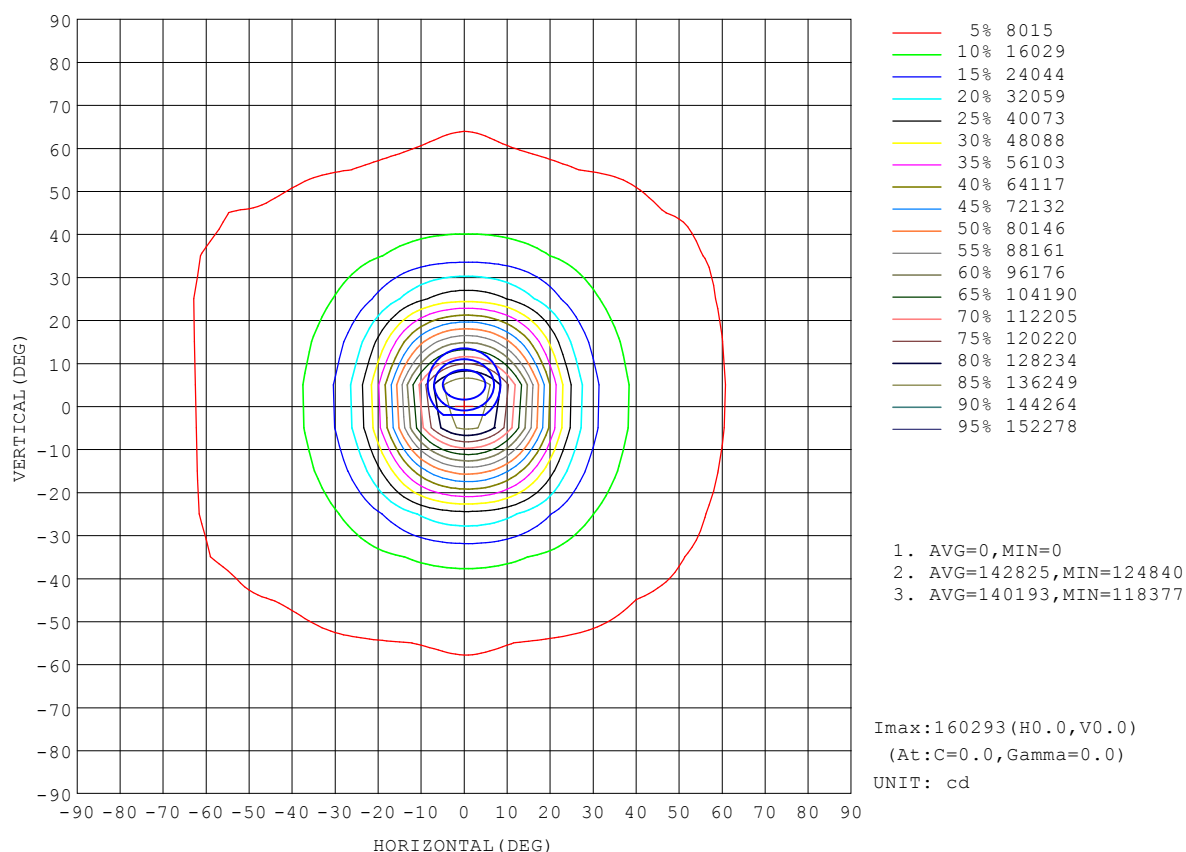
NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 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:120.12V I:6.5745A P:775.85W PF:0.9824 Freq:59.98Hz Lamp Flux:102824x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:800W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

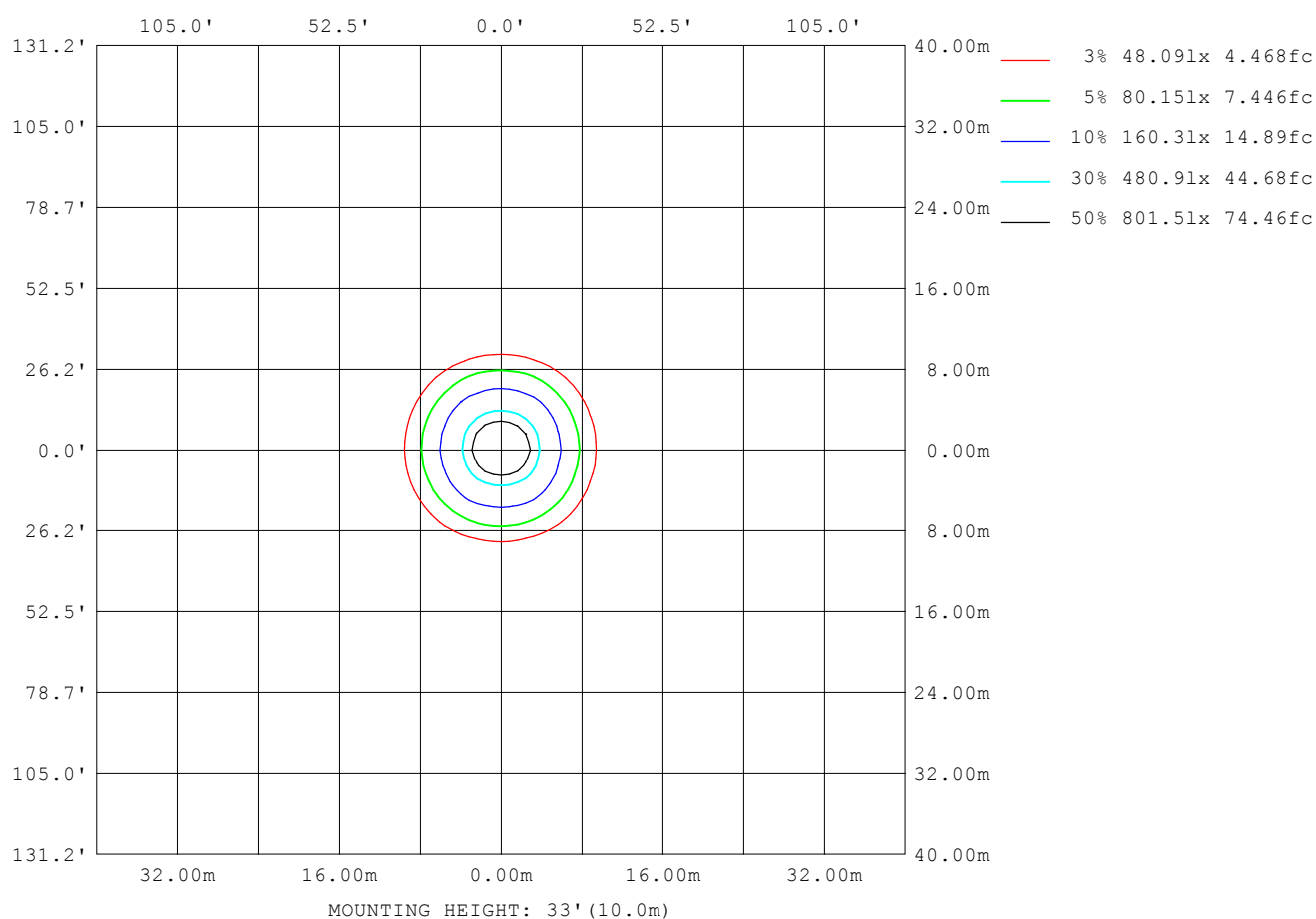


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Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 November 2019

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Remarks:

ISOLUX DIAGRAM

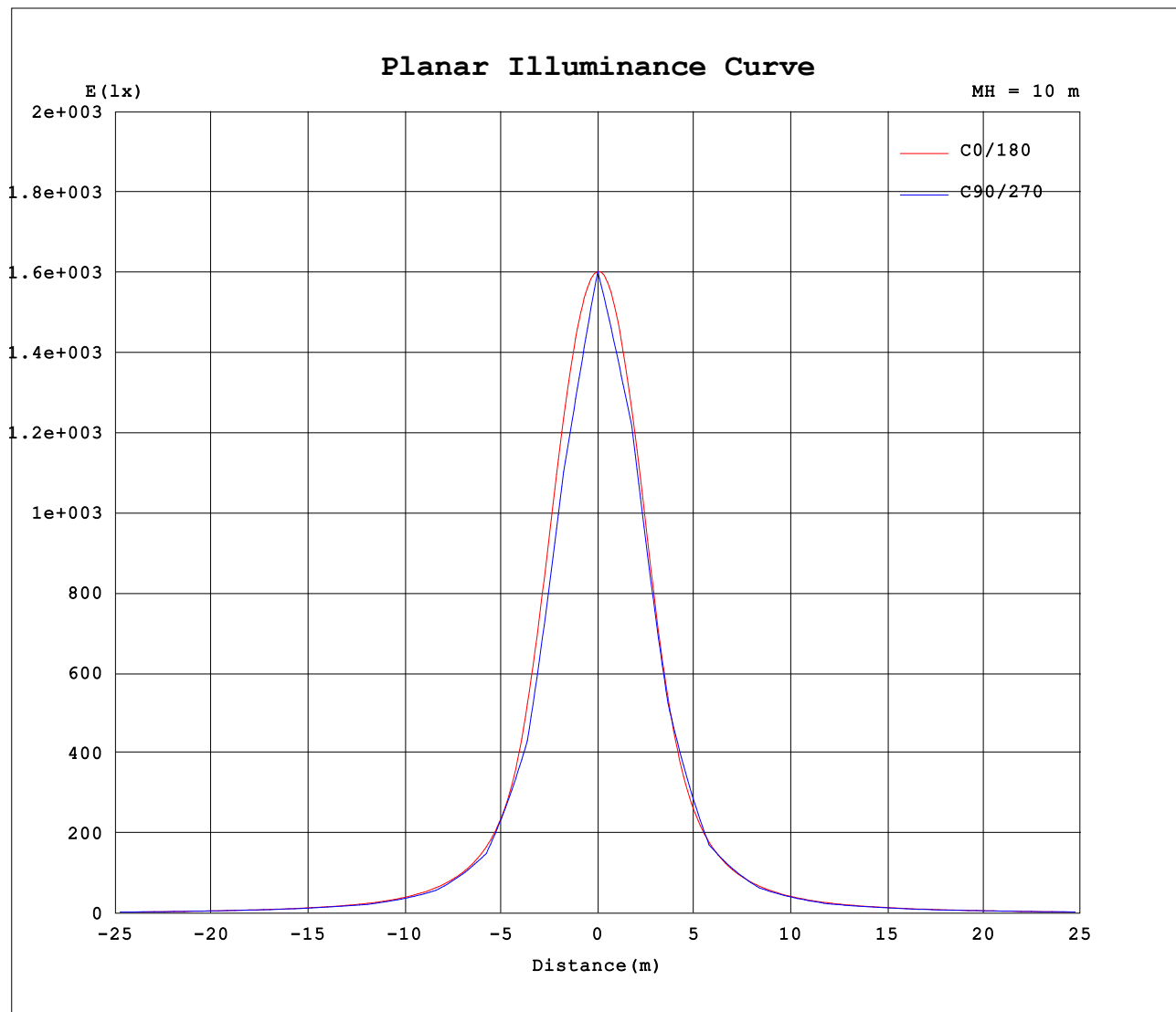
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Test Date:08 November 2019

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



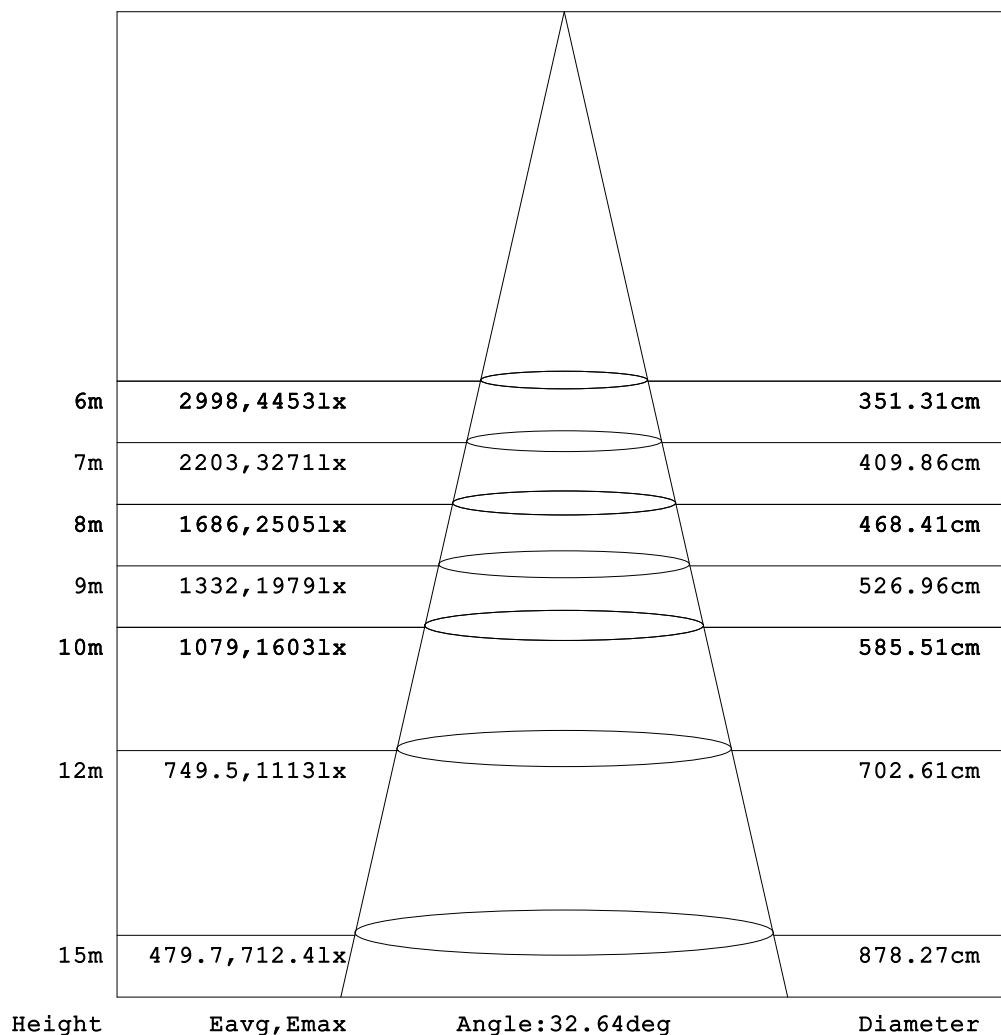
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:08 November 2019

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:120.12V I:6.5745A P:775.85W PF:0.9824 Freq:59.98Hz Lamp Flux:102824x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:800W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:29751 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:08 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:120.12V I:6.5745A P:775.85W PF:0.9824 Freq:59.98Hz Lamp Flux:102824x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:800W	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	0.40	1.57	8.60	16.2	21.2	24.6	27.4	29.6	31.7	33.6	35.5	37.2	38.9	40.5	41.7	42.7	43.1	43.1	43.0
-75	0.26	2.18	11.8	21.4	27.7	32.0	35.7	38.9	41.9	44.7	47.2	49.3	51.2	52.8	54.2	55.4	56.3	57.0	57.3
-70	0.45	5.40	19.6	29.5	36.0	40.9	45.4	49.5	53.2	56.8	59.8	62.2	64.2	65.7	67.1	68.5	69.8	71.2	71.7
-65	0.18	4.80	20.5	32.3	40.0	46.0	51.6	56.4	60.4	64.2	67.0	68.7	69.7	70.1	70.6	71.3	72.3	73.7	74.6
-60	0.52	9.54	27.3	38.6	46.5	53.4	59.9	65.0	69.3	72.9	75.0	75.7	75.5	74.7	74.3	74.3	75.3	76.9	77.6
-55	0.13	7.84	27.2	40.3	49.6	57.7	64.8	70.1	73.5	75.2	75.8	76.4	77.3	78.0	78.8	79.6	80.6	81.7	82.3
-50	0.57	13.5	33.4	46.2	56.0	65.1	72.1	76.8	78.7	77.8	76.8	77.5	79.4	81.6	83.7	85.3	86.3	86.9	87.0
-45	0.11	11.2	33.1	47.1	57.9	67.7	74.8	78.4	79.5	80.1	81.6	84.7	89.1	94.0	98.7	103	105	107	108
-40	0.62	18.3	39.2	52.5	64.0	73.7	79.6	80.7	80.4	82.7	87.3	93.4	101	108	115	121	125	128	128
-35	0.12	14.7	38.1	52.2	64.0	74.0	79.7	80.9	82.4	86.5	93.7	103	115	129	144	157	169	177	180
-30	0.69	22.6	43.5	56.6	68.2	77.4	80.7	81.4	85.5	92.8	104	118	135	155	177	199	216	228	231
-25	0.00	18.7	41.8	55.6	67.7	76.7	80.9	82.6	87.7	96.9	111	130	155	188	231	281	328	362	376
-20	1.43	27.4	46.4	59.7	71.1	78.7	81.5	85.2	92.9	106	125	150	186	237	305	384	456	505	520
-15	0.00	22.9	44.1	58.0	69.6	77.3	81.4	85.3	93.4	107	128	159	203	273	383	535	689	792	836
-10	0.92	30.3	47.7	61.4	71.9	78.1	82.2	87.9	98.4	116	143	182	243	346	516	752	972	1108	1154
-5	0.00	25.5	45.1	59.3	70.7	77.3	82.0	87.3	97.4	115	141	180	242	348	534	811	1097	1295	1377
0	2.38	31.1	48.6	62.4	72.9	78.7	83.3	89.9	102	122	152	198	274	411	650	992	1318	1534	1603
5	0.00	26.1	45.3	59.4	70.9	77.5	82.1	87.5	97.7	115	142	182	246	357	553	845	1148	1355	1438
10	1.27	30.8	48.1	61.8	72.3	78.6	82.4	88.4	99.2	118	145	187	253	366	558	827	1078	1230	1275
15	0.00	25.6	44.6	58.5	70.2	77.9	81.6	85.8	94.4	109	132	164	213	291	418	596	781	905	954
20	2.42	30.1	47.0	60.3	71.9	79.4	81.8	85.9	94.3	108	129	157	198	258	341	444	544	612	633
25	0.00	24.3	43.0	56.4	68.6	77.9	81.3	83.2	88.9	99.0	114	135	164	203	256	320	384	430	449
30	1.12	28.2	44.6	57.5	69.5	78.8	81.2	82.1	86.9	95.2	107	124	144	168	195	222	245	260	265
35	0.00	22.2	40.4	53.2	65.4	75.8	80.9	81.5	83.4	88.6	96.9	108	122	139	156	174	189	199	204
40	1.83	25.9	41.6	53.8	65.9	75.9	81.2	81.2	81.4	84.9	90.5	98.0	107	116	125	133	139	141	143
45	0.00	19.1	36.9	48.7	60.0	70.2	77.3	80.1	80.5	81.2	83.6	88.0	93.7	99.9	106	111	115	117	118
50	0.76	22.0	37.3	48.0	58.5	68.0	75.1	79.4	79.8	78.2	78.2	80.2	83.0	86.0	88.8	91.0	92.4	93.1	93.4
55	0.44	14.6	32.5	42.8	52.1	60.9	68.2	73.5	76.4	77.3	77.6	78.3	79.3	80.4	81.8	83.2	84.5	85.6	85.9
60	0.64	16.7	32.3	41.4	49.4	57.0	63.8	69.1	73.6	76.6	77.2	76.8	75.9	75.4	75.3	75.9	77.1	78.2	78.5
65	0.52	8.90	26.2	35.9	43.1	49.7	55.8	60.9	65.3	69.0	71.2	72.4	72.9	73.3	74.0	75.1	76.7	78.5	79.4
70	0.59	8.89	25.0	33.4	39.5	44.9	50.0	54.5	58.7	62.6	65.7	68.2	70.0	71.4	73.0	74.7	77.1	79.4	80.3
75	0.56	3.82	16.5	25.9	32.2	36.8	41.0	44.7	48.1	51.3	54.1	56.3	58.2	59.7	61.2	62.7	64.3	65.6	66.3
80	0.59	2.97	12.7	21.2	26.8	30.5	33.6	36.3	38.9	41.2	43.4	45.2	47.0	48.7	50.0	51.3	52.1	52.3	52.3
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:08 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:120.12V I:6.5745A P:775.85W PF:0.9824 Freq:59.98Hz Lamp Flux:102824x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:800W	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	43.1	43.2	42.7	41.6	40.4	38.8	37.0	35.2	33.1	31.0	28.6	26.2	23.2	19.3	13.7	5.89	1.24	0.27	
-75	57.1	56.5	55.5	54.3	52.9	51.3	49.5	47.4	44.9	42.0	39.0	35.7	32.0	27.7	21.7	12.9	3.48	0.33	
-70	71.0	69.5	67.9	66.4	64.8	63.2	61.1	58.6	55.5	51.9	48.0	43.8	39.2	33.9	26.7	15.6	3.35	0.22	
-65	74.1	72.5	71.0	70.0	69.2	68.5	67.7	66.1	63.8	60.2	56.1	51.5	46.1	40.2	32.6	21.8	7.04	0.36	
-60	76.6	74.9	73.6	73.2	73.3	73.6	73.7	72.9	70.8	66.9	62.5	57.2	50.7	43.8	34.8	22.3	6.03	0.19	
-55	81.8	80.6	79.2	78.0	76.9	75.9	74.9	73.9	73.2	71.8	68.8	64.1	57.5	49.8	40.6	28.4	10.8	0.39	
-50	86.6	85.7	84.3	82.4	80.1	77.7	75.6	74.7	75.3	75.8	73.6	68.7	61.4	52.5	42.1	28.4	8.93	0.17	
-45	107	105	103	98.6	93.8	88.6	83.9	80.1	77.9	76.9	75.9	73.3	67.0	58.0	47.5	34.3	14.6	0.60	
-40	127	124	119	113	105	97.6	90.4	84.4	80.0	77.7	77.7	75.9	69.4	59.6	48.3	33.7	11.7	0.00	
-35	178	171	160	146	131	117	105	94.2	86.3	81.1	78.6	77.3	73.1	64.1	52.8	39.7	18.9	0.68	
-30	227	214	195	173	151	132	114	100	90.0	83.0	79.0	77.9	73.9	64.3	52.7	39.1	15.5	0.07	
-25	368	339	294	243	197	161	133	113	97.7	87.4	81.1	78.2	75.3	67.3	56.3	43.7	23.5	0.59	
-20	501	449	373	294	227	178	143	118	101	88.8	81.6	77.9	74.3	66.3	55.2	42.1	19.4	0.10	
-15	814	729	590	430	297	216	166	133	110	94.1	84.7	79.4	75.7	68.9	58.6	45.9	27.7	0.65	
-10	1103	959	744	505	327	230	173	136	111	94.9	85.1	79.6	74.9	68.0	57.3	43.8	24.1	0.09	
-5	1334	1172	914	623	388	260	190	146	118	98.7	87.2	80.6	75.7	69.6	60.0	47.0	29.8	0.70	
0	1518	1294	968	630	383	256	187	143	115	96.9	86.0	79.8	74.2	68.2	57.9	44.3	25.1	0.13	
5	1389	1216	944	641	396	264	192	148	119	99.3	87.6	80.9	75.7	69.8	60.2	47.3	30.0	1.44	
10	1210	1042	799	536	342	237	176	139	113	96.0	85.9	80.0	74.9	68.3	57.8	44.3	25.0	0.00	
15	923	817	653	467	315	225	171	136	112	95.7	85.8	80.2	76.0	69.5	59.4	46.6	29.4	1.55	
20	605	534	433	328	244	187	149	122	103	90.6	83.0	78.9	74.9	67.3	56.3	43.0	23.6	0.00	
25	438	398	338	272	213	170	140	117	101	89.6	82.7	79.5	76.4	68.5	57.6	45.0	28.0	1.33	
30	258	242	218	190	163	140	120	105	93.0	85.2	80.7	79.4	75.3	65.8	54.2	41.3	22.1	0.00	
35	201	192	178	160	142	125	110	98.5	89.5	83.3	80.3	79.2	75.0	65.9	54.7	42.5	25.6	1.20	
40	141	137	131	123	114	104	95.6	88.4	83.0	79.7	79.4	78.3	71.6	61.8	50.6	38.2	18.5	0.30	
45	117	115	112	107	101	94.6	88.6	83.8	80.8	79.6	78.9	76.5	70.1	60.8	50.3	38.9	21.8	0.65	
50	93.2	92.3	90.8	88.4	85.5	82.4	79.6	77.7	77.8	79.2	78.0	72.9	65.3	55.7	45.7	34.6	14.6	0.40	
55	85.6	84.6	83.4	82.0	80.6	79.3	78.5	77.6	77.0	75.9	73.4	68.6	61.6	53.2	44.3	34.3	16.9	0.58	
60	77.6	76.4	75.5	75.1	75.2	75.9	77.0	77.3	75.8	71.9	67.3	61.7	54.7	47.2	39.2	29.2	9.54	0.49	
65	78.6	76.7	75.1	74.2	73.4	73.0	72.7	71.6	69.4	65.6	61.2	56.3	50.4	44.1	37.0	27.8	10.7	0.56	
70	78.9	76.2	74.3	72.8	71.4	70.0	68.0	65.2	61.7	57.5	53.3	48.6	43.7	38.2	31.8	21.2	4.86	0.52	
75	65.9	64.4	63.0	61.6	60.1	58.6	56.8	54.5	51.7	48.5	45.2	41.6	37.6	33.1	27.1	18.0	4.76	0.57	
80	52.3	52.0	51.1	49.8	48.2	46.5	44.6	42.7	40.4	38.2	35.7	33.0	29.7	25.8	19.6	9.59	1.33	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:08 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: