

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1593.9 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	75.3V x 71.7H
	At 50% of Imax	34.5V x 33.7H
	At 90% of Imax	12.1V x 14.3H

Beam Flux	Total	996.7 lumens per klm.
	To 10% of Imax	661.3 lumens per klm.
	To 50% of Imax	323.1 lumens per klm.
	To 90% of Imax	50.0 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.7 %

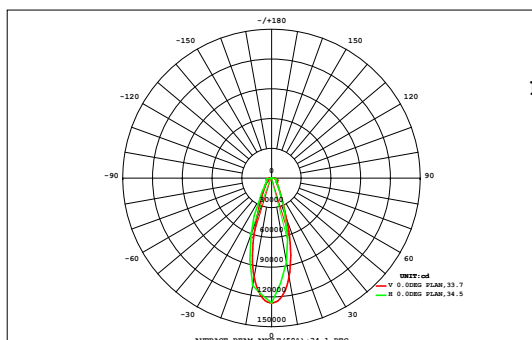
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 November 2019

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:120.14V I:4.9606A P:585.35W PF:0.9822 Freq:59.98Hz Lamp Flux:79075.8x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:600W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



DATA OF LAMP		Eff:135.09lm/W	
NJZ MODEL 600-V01-RZ-30-PC-BL		Imax (cd)	126043
NOMINAL POWER (W)	600	AVAILABILITY (%)	65.8
RATED VOLTAGE (V)	120	Avai. FLUX (lm)	52013
NOMINAL FLUX (lm)	79075.8	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	79076
TEST VOLTAGE (V)	120	θ @50% (H,V)	34,34DEG

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	2.71	22.0	48.9	78.6	110	137	158	175	188	187	172	155	132	104	73.8	45.7	20.7	2.31	1812	0.00
70	4.21	24.8	53.7	87.6	120	141	156	169	184	184	168	153	136	113	81.2	49.6	23.0	3.86	1852	0.00
60	5.16	28.5	63.5	101	125	139	156	174	184	185	176	157	138	120	93.0	58.3	26.4	4.77	1934	0.00
50	5.85	31.6	71.3	104	123	158	204	247	273	275	251	207	160	122	97.7	64.5	29.4	5.49	2429	0.00
40	6.37	34.0	74.9	101	136	198	291	408	496	500	415	298	202	137	98.0	67.4	31.3	6.01	3501	1459
30	6.71	35.5	74.8	103	152	248	435	797	1133	1136	809	445	255	155	101	68.0	32.5	6.39	5993	4698
	6.91	36.6	73.9	106	167	299	635	1537	2410	2403	1530	641	309	171	105	67.8	33.0	6.64	10538	9441
	6.91	36.9	73.5	107	174	328	777	2159	3487	3475	2132	789	346	181	107	67.9	33.4	6.79	14288	13259
	6.71	36.5	73.4	107	171	318	731	1978	3214	3233	2000	761	340	179	107	67.9	33.4	6.82	13362	12317
	6.21	35.4	73.6	104	159	274	544	1202	1815	1856	1254	581	297	167	104	67.7	32.9	6.65	8580	7436
	5.38	34.0	73.7	102	144	222	359	550	711	728	574	386	239	150	99.9	67.2	32.1	6.15	4483	3063
-30	4.24	31.6	71.7	101	129	177	242	305	345	352	323	260	188	133	96.2	66.2	30.9	5.41	2861	339
-40	3.21	28.2	65.7	101	121	146	179	206	221	224	213	186	151	119	94.0	62.8	28.9	4.58	2153	0.00
-50	2.24	23.7	56.0	93.4	119	133	147	159	167	168	161	148	130	112	88.7	56.3	25.5	3.82	1794	0.00
-60	1.32	18.4	45.2	75.6	108	131	142	150	159	160	148	137	125	105	75.9	47.2	20.7	3.06	1653	0.00
-70	0.39	10.4	31.3	53.7	77.3	101	120	135	145	146	135	121	104	81.7	58.2	36.1	15.4	2.36	1374	0.00
-80	0.01	1.09	8.62	17.0	25.1	32.9	40.4	46.5	49.1	49.7	48.6	43.4	36.5	29.1	20.8	13.3	5.60	0.91	469	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	74.5	469	1034	1542	2160	3183	5317	10397	15183	15261	10510	5469	3287	2176	1502	974	455	82.0	79076	---
Φ a	0.00	0.00	0.00	0.00	0.00	581	3325	8508	13294	13376	8625	3535	768	0.00	0.00	0.00	0.00	0.00	---	52013

one-half-peak spread: U:15.1,D:19.7 , L:17.0,R:16.9

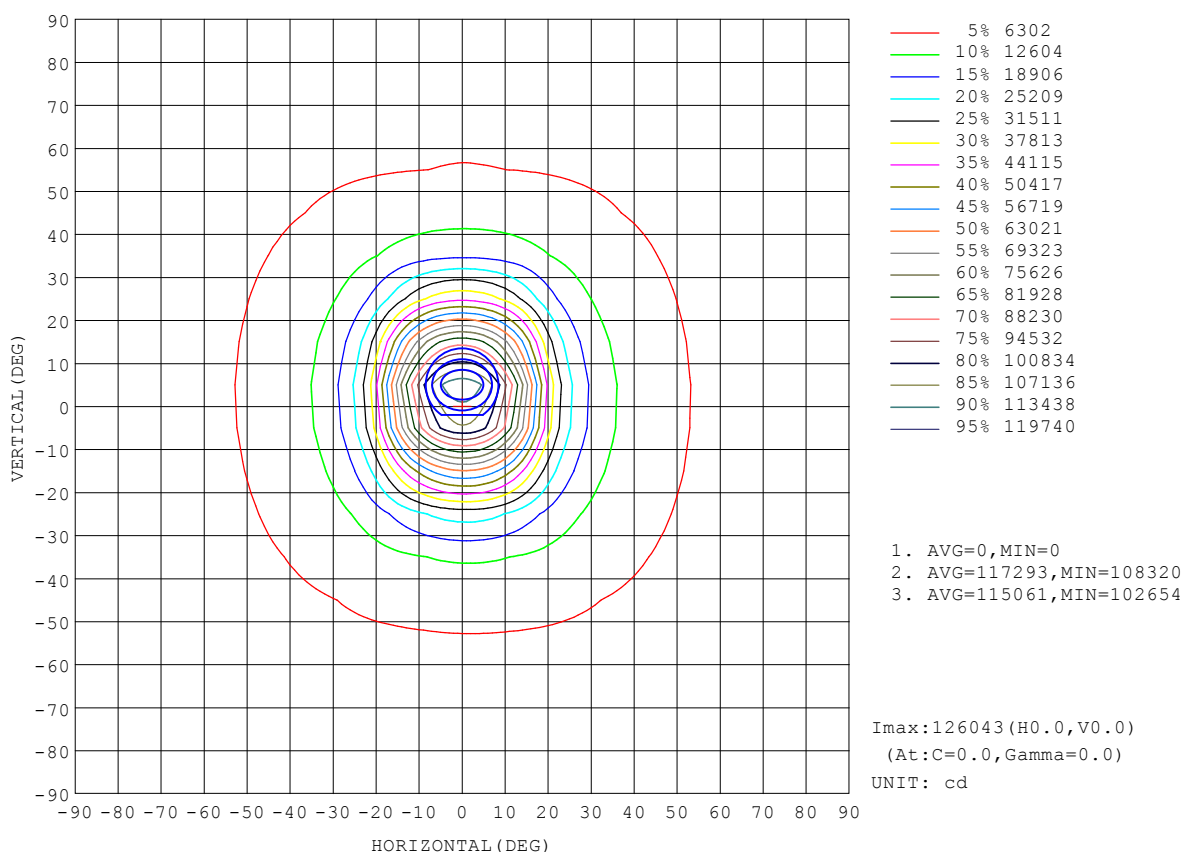
NEMA Beam Type: Type 5

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:120.14V I:4.9606A P:585.35W PF:0.9822 Freq:59.98Hz Lamp Flux:79075.8x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:600W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

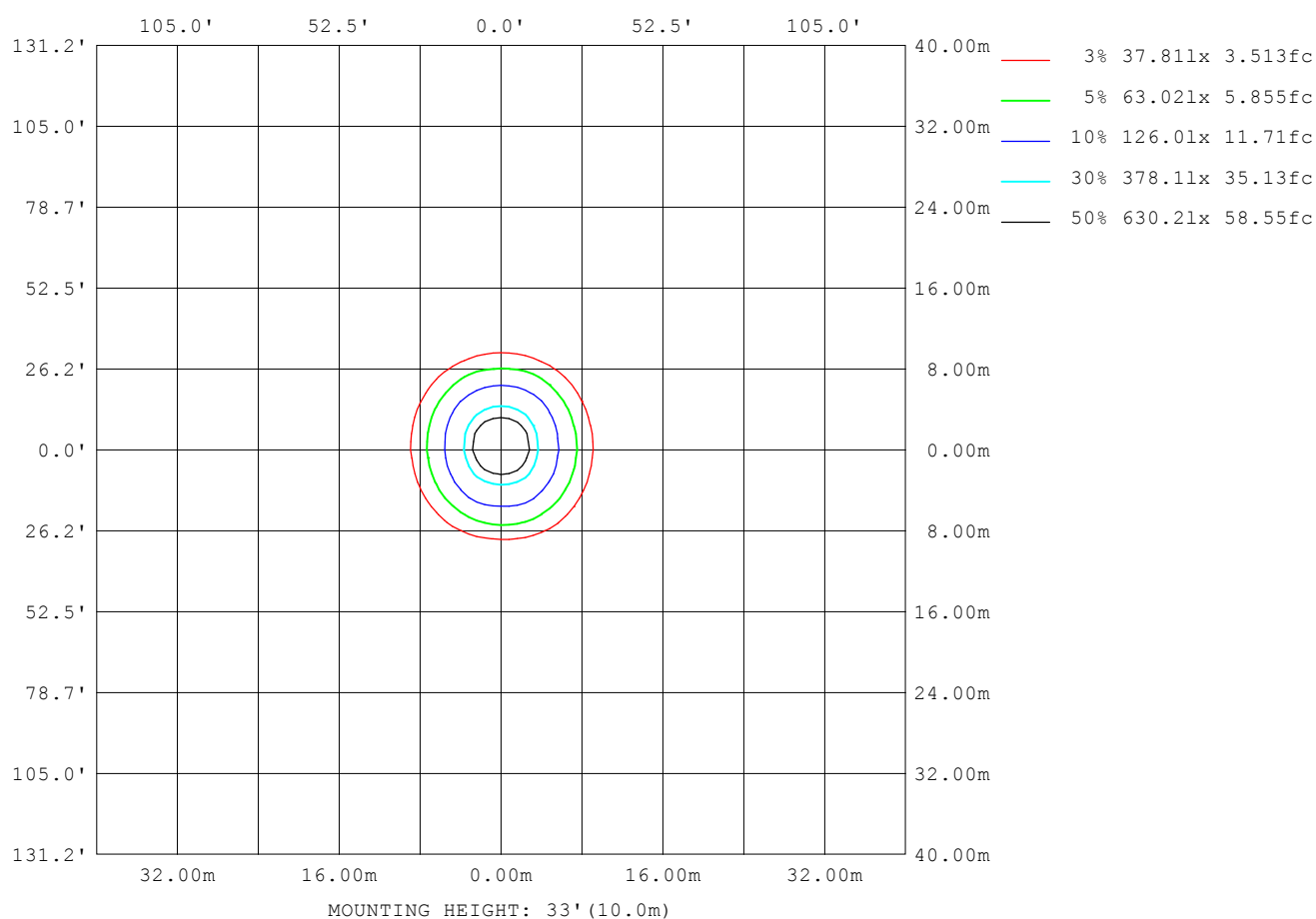


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Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 November 2019

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ISOLUX DIAGRAM

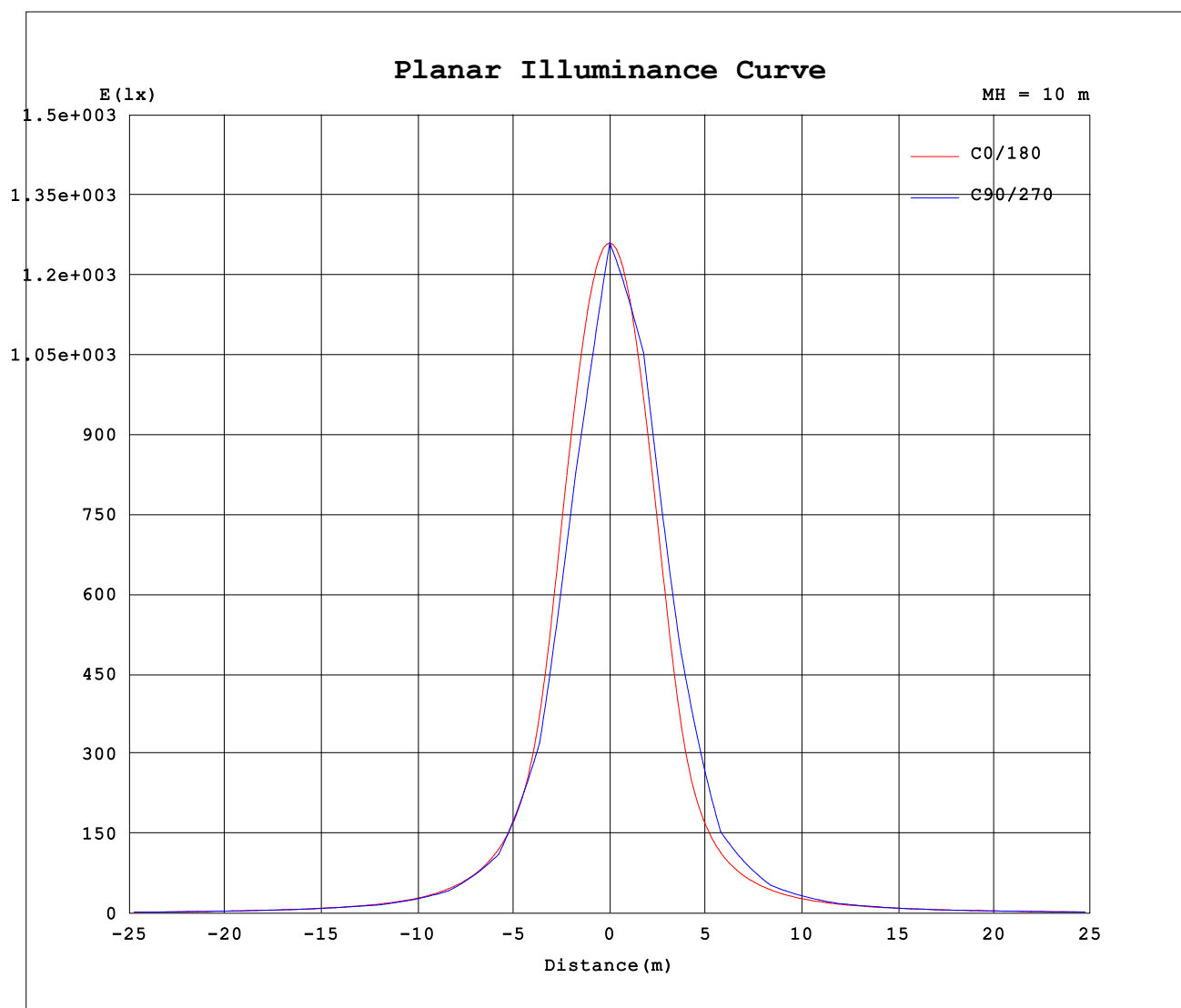
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Humidity:65.0%
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Remarks:

Planar Illuminance Curve



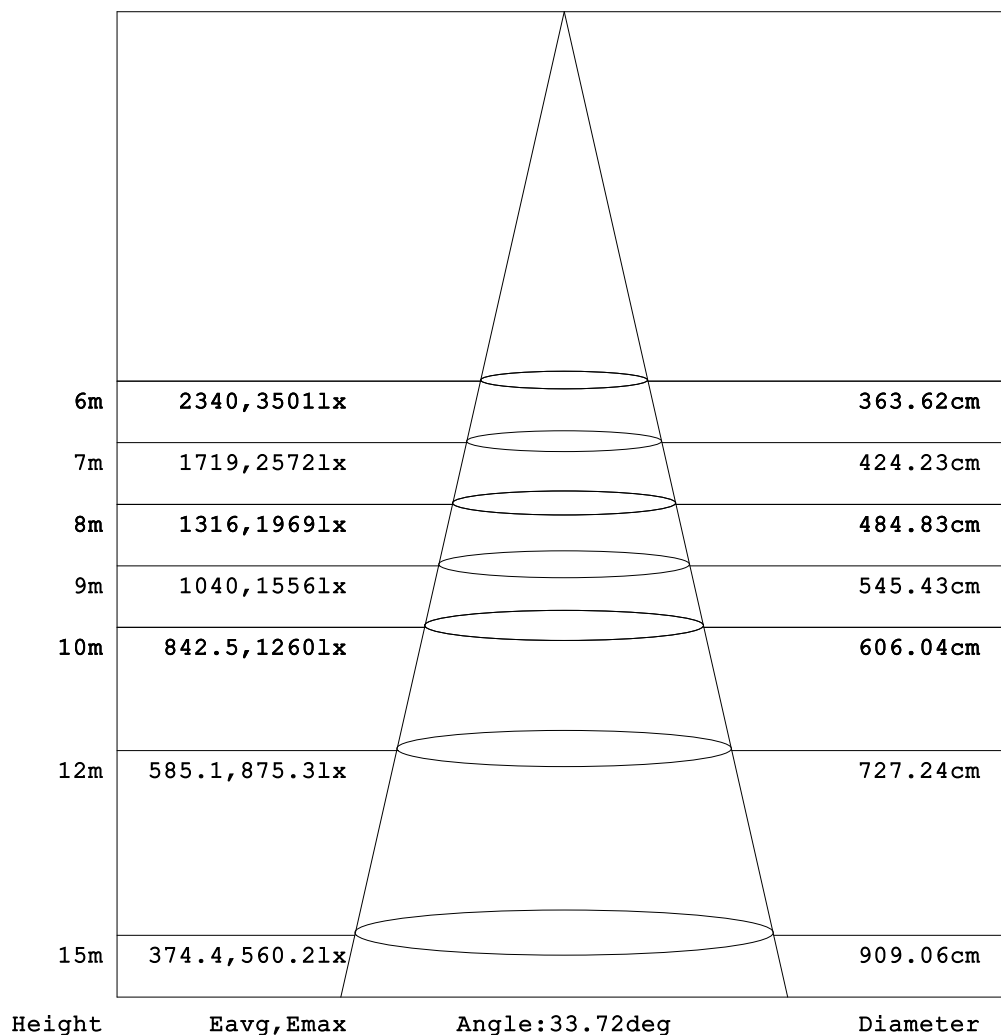
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 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:05 November 2019

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:120.14V I:4.9606A P:585.35W PF:0.9822 Freq:59.98Hz Lamp Flux:79075.8x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:600W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:24739 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:120.14V I:4.9606A P:585.35W PF:0.9822 Freq:59.98Hz Lamp Flux:79075.8x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:600W	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	0.20	0.21	1.25	4.76	11.3	16.9	20.4	23.1	25.4	27.3	29.1	30.7	32.1	33.5	34.8	35.8	36.5	36.8	37.0
-75	0.20	0.48	4.34	11.8	18.7	23.7	27.3	30.2	32.9	35.3	37.4	39.2	40.7	41.9	43.0	44.0	44.7	45.6	46.2
-70	0.20	0.74	7.43	18.9	26.2	30.4	34.2	37.4	40.4	43.3	45.7	47.7	49.3	50.3	51.2	52.1	53.0	54.5	55.4
-65	0.20	1.74	11.0	22.9	30.0	34.8	39.3	43.0	46.1	49.1	50.9	51.6	51.8	51.7	51.7	52.0	52.7	53.9	54.7
-60	0.20	2.74	14.6	26.9	33.9	39.1	44.3	48.5	51.8	54.9	56.0	55.5	54.3	53.0	52.2	51.9	52.4	53.4	54.0
-55	0.20	3.81	17.1	29.8	37.1	43.1	48.7	52.9	54.9	55.5	55.0	54.7	54.9	55.1	55.6	56.3	57.1	58.0	58.5
-50	0.20	4.88	19.7	32.8	40.2	47.0	53.1	57.2	58.0	56.1	54.0	54.0	55.4	57.2	59.1	60.7	61.8	62.5	63.0
-45	0.21	6.48	22.8	35.2	43.1	50.5	56.0	58.1	57.3	56.5	56.9	59.0	62.4	66.3	70.2	73.6	76.3	78.2	79.3
-40	0.22	8.09	25.8	37.6	46.1	54.0	58.8	59.0	56.5	56.9	59.7	64.0	69.3	75.3	81.2	86.6	90.9	93.9	95.5
-35	0.23	9.29	28.2	39.2	48.0	55.8	59.1	58.1	57.5	59.7	64.5	71.2	79.9	90.3	102	113	123	130	134
-30	0.24	10.5	30.6	40.8	49.9	57.6	59.4	57.2	58.4	62.6	69.3	78.5	90.5	105	122	140	156	167	172
-25	0.25	12.7	32.0	42.0	51.2	57.9	58.7	57.6	60.2	66.1	75.2	88.1	106	131	164	204	241	268	280
-20	0.26	14.8	33.4	43.2	52.4	58.3	58.1	58.1	62.1	69.5	81.1	97.8	122	156	207	269	327	369	387
-15	0.27	17.4	34.0	44.0	53.1	57.9	57.8	58.9	63.8	72.5	86.4	107	138	188	275	403	518	596	627
-10	0.28	20.0	34.6	44.7	53.7	57.6	57.5	59.6	65.4	75.5	91.7	116	155	221	344	537	710	823	868
-5	0.29	20.9	35.2	45.3	54.2	57.4	57.6	60.2	66.5	77.6	95.3	122	166	244	398	641	862	1011	1064
0	0.30	21.7	35.7	45.8	54.7	57.3	57.7	60.8	67.6	79.7	98.9	129	177	267	451	745	1014	1200	1260
5	0.31	21.8	35.7	45.8	54.7	57.5	57.7	60.6	67.3	79.0	97.7	127	174	260	435	711	960	1127	1182
10	0.32	21.9	35.7	45.8	54.7	57.7	57.7	60.5	67.0	78.3	96.6	125	170	253	418	677	906	1055	1103
15	0.33	21.8	35.5	45.4	54.3	58.1	57.6	59.8	65.7	75.9	92.2	117	155	221	344	533	708	821	857
20	0.34	21.7	35.3	45.0	53.9	58.6	57.6	59.2	64.4	73.5	87.9	109	140	189	271	390	510	586	611
25	0.35	21.2	34.6	44.1	53.1	58.9	58.2	58.3	62.4	70.0	81.6	98.5	123	158	212	287	361	408	424
30	0.35	20.6	33.9	43.1	52.3	59.3	58.8	57.5	60.5	66.5	75.3	88.0	105	126	154	184	211	230	238
35	0.36	19.8	33.0	42.0	51.0	58.5	59.8	57.6	58.8	63.2	69.9	79.4	91.7	107	125	144	162	173	178
40	0.37	19.1	32.1	40.9	49.7	57.8	60.8	57.8	57.1	59.8	64.5	70.8	78.6	87.4	96.3	105	112	116	118
45	0.38	17.8	30.8	39.2	47.4	55.2	59.7	59.3	57.5	57.5	60.1	64.3	69.6	75.5	81.5	86.8	91.1	93.9	95.1
50	0.38	16.5	29.4	37.4	45.2	52.7	58.6	60.7	57.8	55.2	55.7	57.9	60.7	63.7	66.6	68.9	70.5	71.4	71.9
55	0.39	14.9	27.8	35.4	42.3	49.0	54.7	57.8	57.9	57.1	56.2	56.0	56.8	58.4	60.0	61.5	62.6	63.4	63.8
60	0.39	13.2	26.2	33.3	39.4	45.3	50.9	54.9	58.0	59.0	56.8	54.2	53.0	53.0	53.4	54.0	54.8	55.4	55.7
65	0.39	10.7	23.8	30.7	36.2	41.3	46.1	49.8	53.0	55.1	55.0	54.5	54.5	54.5	54.8	55.4	56.6	58.2	59.0
70	0.40	8.25	21.4	28.1	32.9	37.3	41.3	44.7	48.0	51.2	53.3	54.9	56.0	56.0	56.3	56.7	58.4	61.0	62.4
75	0.40	5.52	16.8	23.8	28.5	32.3	35.6	38.4	41.2	43.7	45.6	47.1	48.3	48.9	49.4	50.2	51.4	53.0	53.7
80	0.40	2.79	12.1	19.6	24.0	27.3	29.9	32.1	34.4	36.3	37.9	39.2	40.5	41.7	42.6	43.6	44.4	44.9	45.0
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
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V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
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Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

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SPEC.:600W	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	37.2	37.2	36.9	36.0	35.1	34.1	33.0	31.9	30.5	28.7	26.7	25.0	23.0	20.5	15.7	9.55	6.46	1.93	
-75	45.9	45.2	44.2	43.4	42.4	41.4	40.3	39.0	37.3	35.1	32.8	30.5	27.7	24.5	19.4	11.8	7.46	1.80	
-70	54.7	53.1	51.6	50.7	49.6	48.7	47.7	46.2	44.1	41.5	38.9	36.0	32.4	28.5	23.1	14.1	8.47	1.67	
-65	54.1	52.8	51.7	51.0	50.5	50.2	50.1	49.4	48.1	45.7	43.1	40.2	36.3	32.0	26.1	16.1	9.73	1.63	
-60	53.5	52.5	51.7	51.4	51.4	51.7	52.4	52.7	52.1	49.9	47.3	44.4	40.2	35.5	29.2	18.0	11.0	1.58	
-55	58.3	57.7	57.0	56.1	55.2	54.3	53.6	52.8	52.4	51.8	50.4	47.5	43.4	38.3	31.9	20.8	12.5	1.46	
-50	63.1	62.9	62.2	60.9	59.0	56.8	54.7	53.0	52.7	53.8	53.6	50.6	46.6	41.0	34.6	23.6	14.0	1.35	
-45	79.3	78.4	76.3	73.2	69.3	65.0	60.9	57.4	55.2	54.4	54.0	52.4	48.5	42.8	36.1	26.3	14.0	1.27	
-40	95.5	93.8	90.4	85.5	79.5	73.1	67.1	61.8	57.6	54.9	54.4	54.2	50.4	44.7	37.5	29.0	14.0	1.19	
-35	133	128	119	108	96.7	85.5	75.6	67.5	61.3	57.0	55.0	54.4	51.4	45.6	38.5	30.4	14.9	1.03	
-30	170	162	148	131	114	97.8	84.2	73.2	64.9	59.0	55.5	54.6	52.5	46.4	39.4	31.9	15.8	0.88	
-25	274	250	213	174	141	115	94.7	79.6	68.7	61.3	56.6	54.8	52.7	46.8	40.1	32.4	17.8	0.74	
-20	378	339	279	217	168	131	105	86.1	72.5	63.5	57.8	54.9	52.9	47.2	40.8	33.0	19.8	0.61	
-15	608	536	417	287	201	149	116	92.2	76.0	65.4	58.8	55.4	52.9	47.4	41.3	33.4	21.3	0.54	
-10	838	733	556	358	235	167	126	98.3	79.6	67.3	59.9	55.8	53.0	47.7	41.8	33.7	22.8	0.48	
-5	1019	875	650	404	255	177	131	101	81.0	68.2	60.3	56.1	52.9	47.8	41.9	33.8	22.7	0.45	
0	1200	1016	744	451	276	187	136	104	82.5	69.0	60.8	56.3	52.8	47.9	42.0	33.9	22.6	0.42	
5	1125	956	705	431	266	182	134	102	81.8	68.6	60.6	56.3	52.8	47.8	42.0	33.8	22.4	0.42	
10	1050	897	666	410	256	177	131	101	81.1	68.2	60.4	56.2	52.8	47.8	41.9	33.7	22.3	0.43	
15	818	705	530	340	224	160	121	95.4	77.9	66.5	59.5	55.8	52.9	47.6	41.4	33.3	21.8	0.40	
20	586	513	394	271	192	144	112	89.8	74.7	64.8	58.6	55.5	52.9	47.5	41.0	32.9	21.3	0.38	
25	409	363	291	214	161	126	101	83.5	71.0	62.7	57.5	55.4	53.0	47.3	40.4	32.4	20.7	0.38	
30	232	214	188	158	131	108	90.5	77.2	67.3	60.6	56.4	55.3	53.0	47.0	39.8	31.8	20.2	0.38	
35	175	164	147	128	110	94.0	81.2	71.1	63.6	58.4	55.9	55.4	52.3	46.1	38.8	30.9	19.1	0.38	
40	117	113	106	98.0	88.8	79.9	71.8	65.0	59.8	56.3	55.3	55.4	51.5	45.3	37.8	30.0	18.1	0.38	
45	94.5	92.1	88.1	82.7	76.7	70.6	65.0	60.3	57.0	55.7	55.6	54.1	49.8	43.5	36.4	28.8	16.5	0.39	
50	71.8	71.2	69.8	67.5	64.5	61.2	58.1	55.5	54.3	55.1	55.9	52.9	48.1	41.8	34.9	27.7	14.8	0.39	
55	63.6	63.1	62.0	60.5	58.7	56.9	55.7	55.1	54.8	54.2	53.1	49.9	44.9	39.1	32.9	26.1	13.0	0.40	
60	55.4	54.9	54.2	53.5	52.9	52.6	53.2	54.6	55.3	53.3	50.3	46.9	41.8	36.4	30.8	24.5	11.2	0.40	
65	58.1	56.4	55.1	54.4	53.7	53.1	52.9	52.6	51.7	49.2	46.1	42.6	38.1	33.4	28.5	22.3	9.24	0.41	
70	60.8	57.8	55.9	55.2	54.4	53.6	52.6	50.7	48.2	45.0	41.8	38.4	34.4	30.4	26.1	20.1	7.28	0.42	
75	52.7	50.8	49.5	48.6	47.6	46.5	45.3	43.6	41.4	38.8	36.0	33.2	30.0	26.5	22.5	15.2	4.72	0.43	
80	44.5	43.9	43.1	42.0	40.8	39.4	37.9	36.5	34.6	32.5	30.3	28.1	25.7	22.7	18.8	10.2	2.16	0.44	
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: