

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1130.5 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	83.2V x 81.4H
	At 50% of Imax	54.7V x 53.9H
	At 90% of Imax	19.0V x 17.5H

Beam Flux	Total	999.0 lumens per klm.
	To 10% of Imax	803.3 lumens per klm.
	To 50% of Imax	522.3 lumens per klm.
	To 90% of Imax	62.0 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

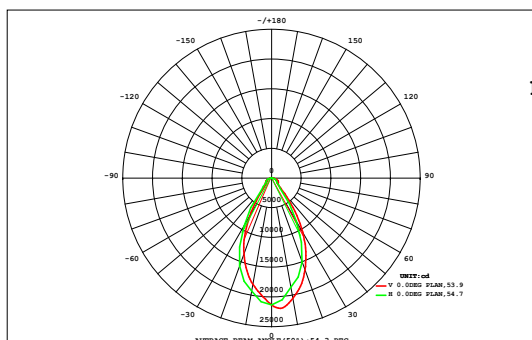
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:18 October 2019

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:220.22V I:0.6498A P:140.89W PF:0.9846 Freq:49.99Hz Lamp Flux:19405.4x1 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:137.74lm/W	
NJZMODEL150-V01-RZ-60-PC-GR		Imax(cd)	21937
NOMINAL POWER(W)	150	AVAILABILITY(%)	80.7
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	15669
NOMINAL FLUX(lm)	19405.4	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	19405
TEST VOLTAGE(V)	220	θ @50%(H,V)	54,55DEG

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	170	0.00
80	0.08	0.91	2.91	5.68	9.31	12.8	15.9	17.9	19.5	19.4	18.0	16.0	12.9	9.36	5.83	2.88	0.86	0.07	264	0.00
70	0.17	1.77	5.41	10.1	15.2	20.2	24.2	26.4	27.4	27.5	26.8	24.7	20.6	15.6	10.3	5.50	1.74	0.15	352	0.00
60	0.27	2.80	8.01	14.2	20.6	26.5	31.3	34.4	35.8	36.1	35.0	31.9	27.2	21.3	14.9	8.29	2.73	0.24	452	0.00
50	0.35	3.49	9.66	16.8	23.8	30.5	36.7	45.4	55.3	56.3	47.6	38.1	31.5	24.8	17.6	10.1	3.42	0.32	589	584
40	0.43	4.00	10.8	18.5	26.1	35.0	60.7	111	156	156	114	67.1	37.9	27.3	19.4	11.3	3.92	0.38	859	1629
30	0.48	4.32	11.5	19.6	27.9	52.5	150	279	371	361	268	147	58.0	29.8	20.6	12.1	4.28	0.43	1817	2577
	0.52	4.53	12.0	20.3	30.3	97.9	267	428	534	515	405	251	96.5	33.1	21.5	12.6	4.48	0.46	2734	3107
	0.53	4.59	12.2	20.8	33.9	138	334	504	618	591	477	313	128	35.9	22.1	12.9	4.60	0.48	3252	3117
	0.53	4.57	12.2	20.8	35.2	141	337	513	625	591	475	309	123	35.0	21.9	12.8	4.56	0.47	3261	3117
	0.50	4.38	11.7	19.9	31.2	102	258	411	511	488	389	239	85.8	31.4	21.1	12.4	4.44	0.45	2623	2473
	0.47	4.13	11.1	18.9	27.4	58.0	153	276	357	345	254	133	45.7	28.4	20.1	11.8	4.16	0.41	1748	1574
-30	0.41	3.73	10.2	17.6	25.0	32.8	60.2	113	154	146	98.2	48.6	31.2	26.2	18.7	10.9	3.77	0.35	800	559
-40	0.35	3.24	9.03	15.7	22.4	28.8	30.4	30.0	33.3	33.1	29.3	29.9	29.5	23.6	16.7	9.47	3.17	0.28	348	0.00
-50	0.26	2.56	7.33	13.0	18.8	24.2	28.8	31.3	31.5	31.5	31.5	29.7	25.4	19.9	13.7	7.48	2.40	0.20	320	0.00
-60	0.18	1.72	5.02	9.21	13.8	18.3	22.2	24.3	25.0	25.2	24.8	22.9	18.9	14.1	9.26	4.76	1.39	0.11	241	0.00
-70	0.09	0.79	2.39	4.65	7.47	10.3	12.8	14.4	15.8	16.1	14.6	12.9	10.2	7.20	4.23	1.98	0.51	0.04	136	0.00
-80	0.03	0.19	0.48	0.95	1.49	2.03	2.68	3.27	4.64	4.02	2.95	2.24	1.49	0.96	0.47	0.16	0.03	0.00	28.1	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	5.64	51.7	142	247	370	832	1825	2861	3574	3442	2710	1716	783	384	258	147	50.5	4.85	19405	---
Φ a	0.00	0.00	0.00	0.00	24.1	519	1565	2614	3344	3219	2456	1458	456	14.7	0.00	0.00	0.00	0.00	---	15669

one-half-peak spread: U:26.8,D:28.2 , L:25.4,R:28.8

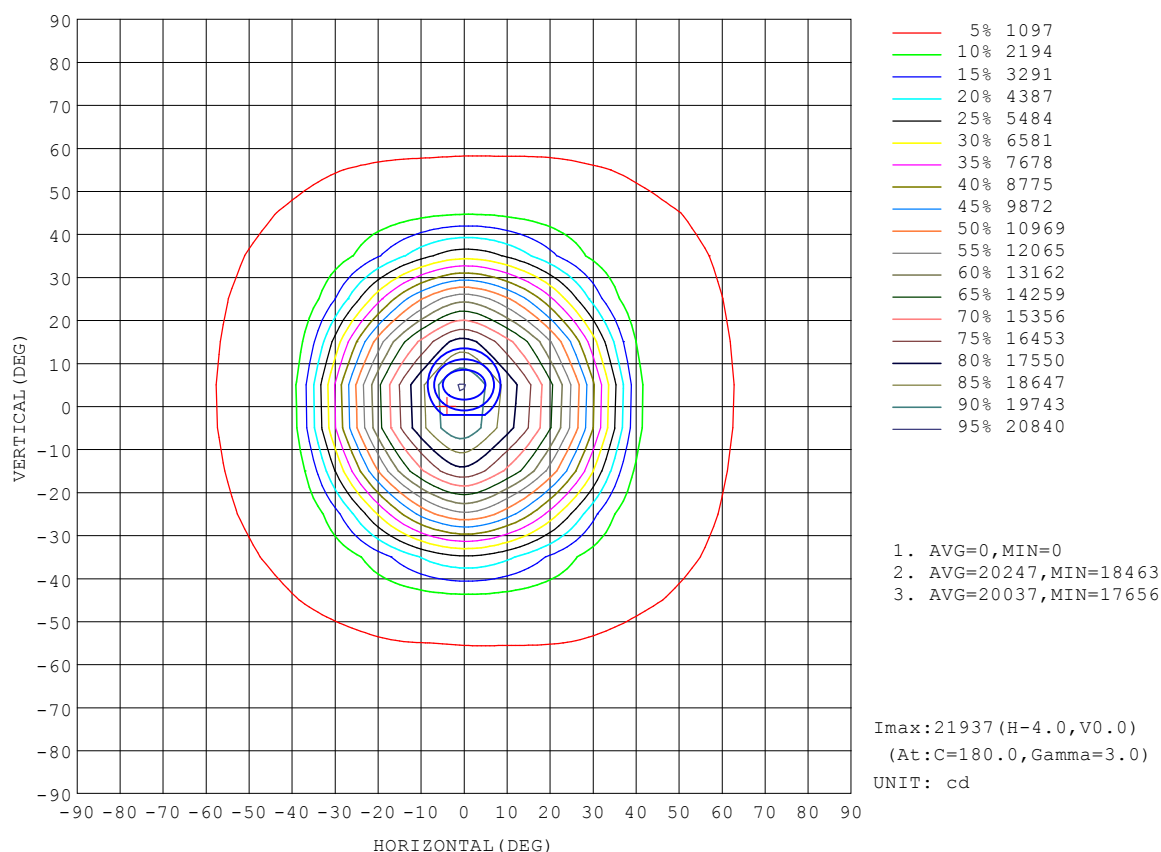
NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:18 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:220.22V I:0.6498A P:140.89W PF:0.9846 Freq:49.99Hz Lamp Flux:19405.4x1 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

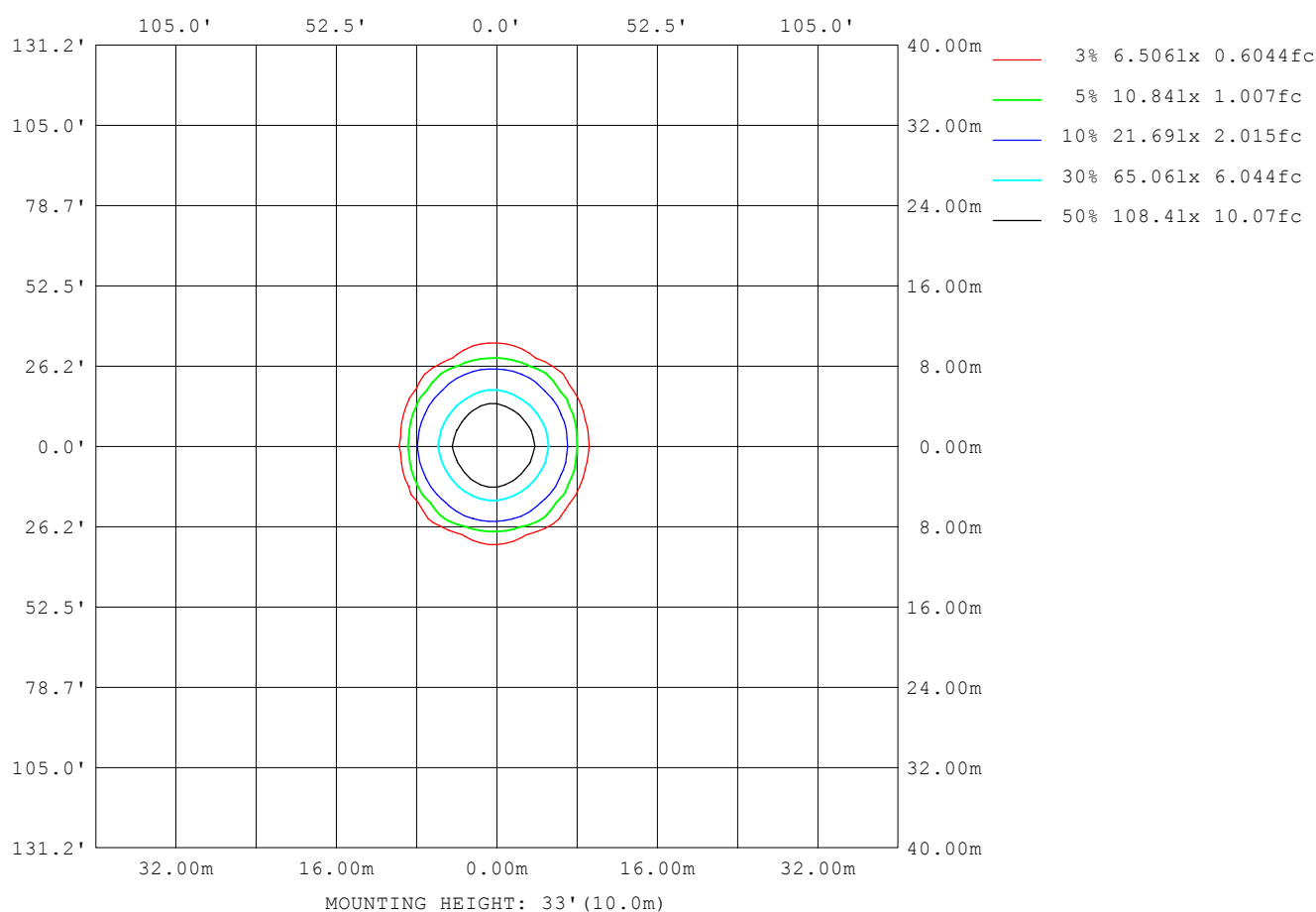


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ISOLUX DIAGRAM

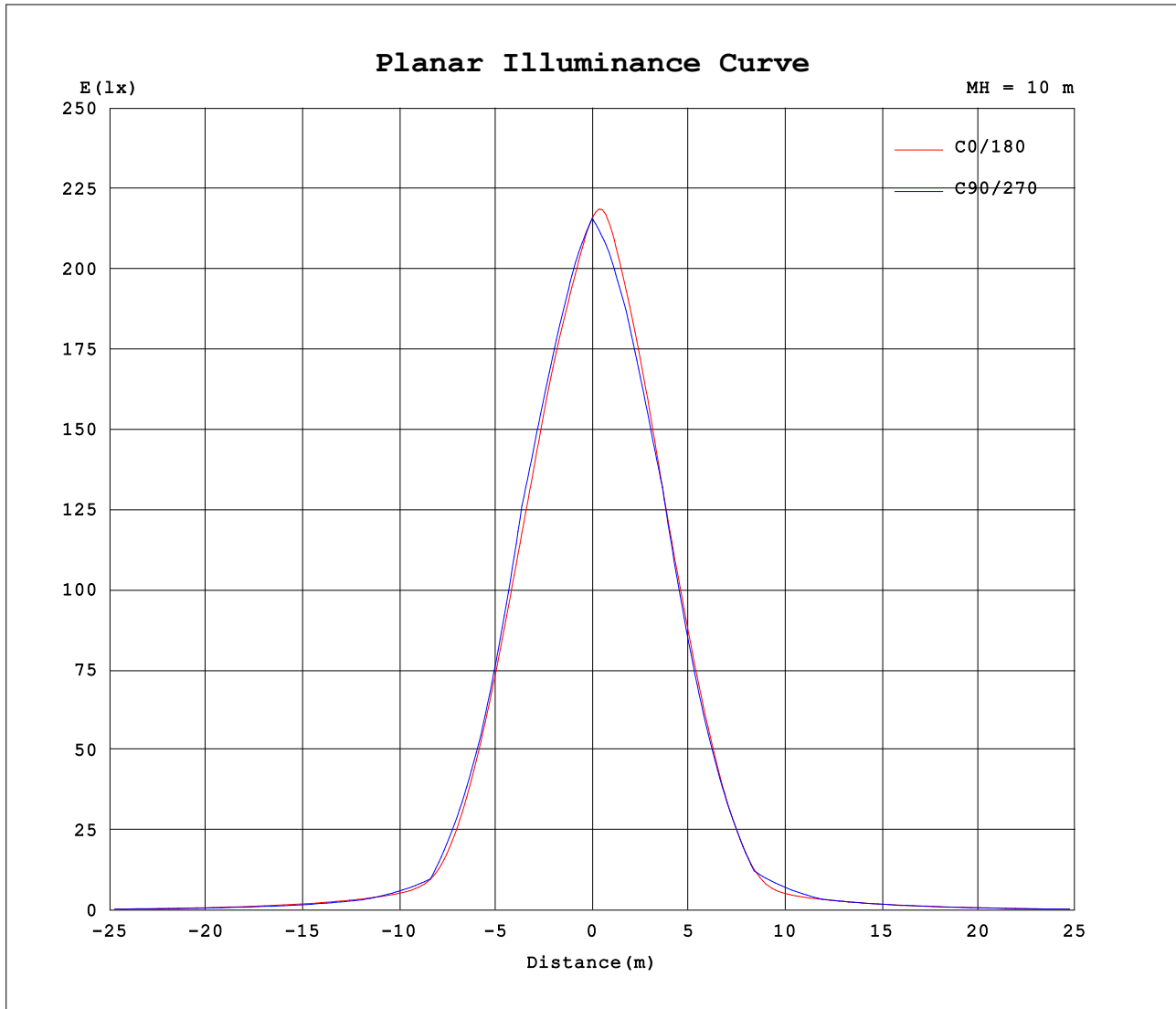
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Operators:CL
Test Date:18 October 2019

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



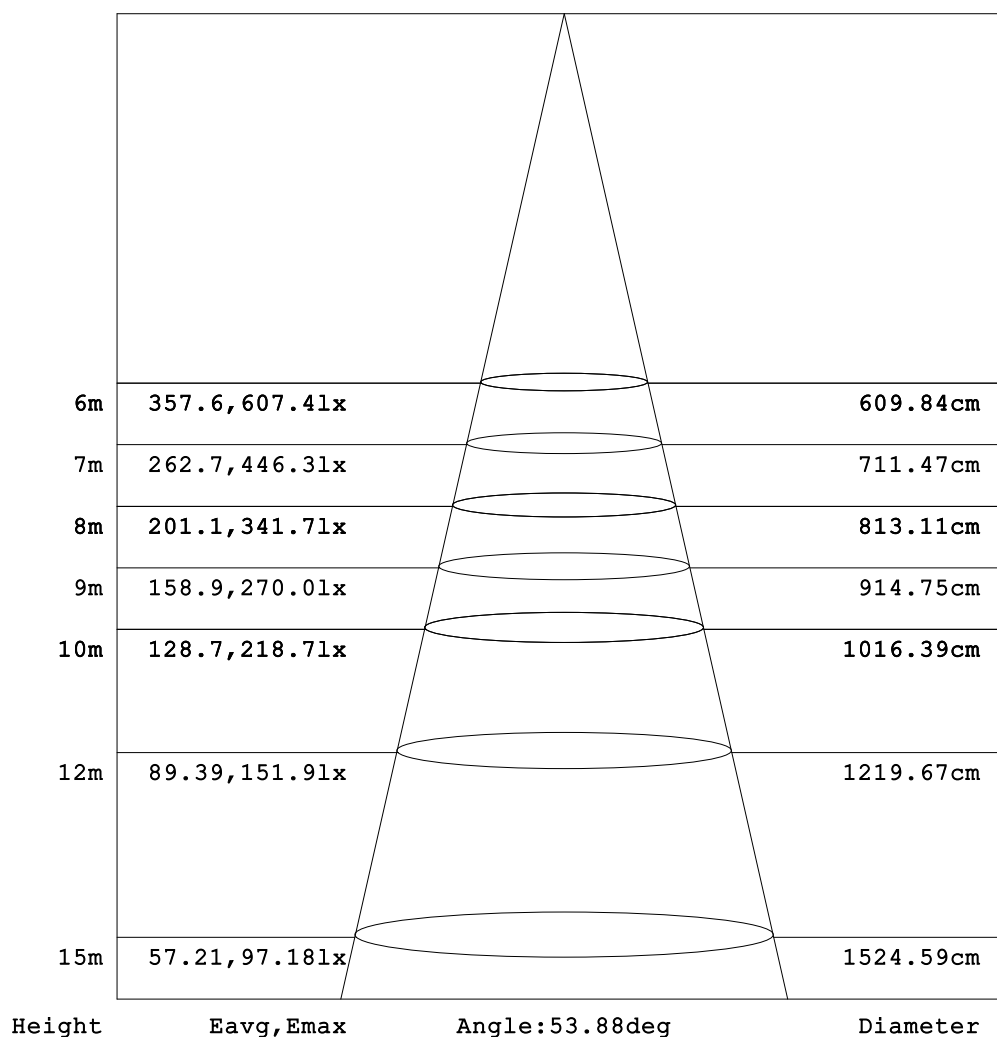
H(β) Range:-90 - 90DEG
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 Remarks:

AAI Figure

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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

Flux out:10498 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:18 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%
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LUMINOUS DISTRIBUTION INTENSITY DATA

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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--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	0.26	1.07	3.66	5.88	8.16	10.6	13.1	15.6	18.1	20.3	22.1	24.0	26.1	28.0	29.4	30.7	32.9	37.9	40.2
-75	0.25	0.56	4.11	8.07	12.3	17.0	21.5	25.2	29.4	33.3	36.4	39.6	42.6	45.1	46.8	48.0	49.1	51.1	54.1
-70	0.29	3.92	9.30	15.2	22.1	29.1	34.1	39.6	45.7	50.1	54.5	58.8	62.2	64.4	65.7	66.6	67.2	68.2	68.7
-65	0.24	1.20	8.41	16.5	26.2	35.2	42.9	49.4	55.7	61.4	66.3	70.9	75.1	78.5	80.6	81.6	81.8	82.2	82.8
-60	0.35	7.23	16.6	29.5	41.4	50.9	59.7	66.8	72.9	78.6	83.6	88.2	92.4	95.4	96.9	97.1	96.7	96.9	97.3
-55	0.24	2.12	12.7	25.3	40.7	52.9	62.8	71.5	78.9	84.9	90.5	95.5	99.9	104	106	108	109	110	111
-50	0.42	10.3	22.5	40.0	55.3	66.9	76.7	85.4	92.3	98.2	104	108	112	115	118	121	123	125	126
-45	0.23	3.38	16.7	32.5	51.6	65.9	76.9	86.6	95.0	101	108	114	119	123	129	140	153	166	172
-40	0.54	13.2	27.9	48.4	66.3	78.5	89.1	98.2	106	112	119	126	131	138	152	174	199	216	218
-35	0.24	4.69	20.1	37.9	60.0	75.3	86.9	97.6	106	113	121	129	150	204	279	363	444	505	532
-30	0.61	15.4	31.6	54.3	73.7	86.3	97.9	108	115	124	132	151	227	357	507	652	769	837	836
-25	0.26	6.05	22.9	41.5	66.6	81.8	94.1	105	114	123	134	176	293	468	666	856	1020	1132	1187
-20	0.71	17.4	34.8	59.9	79.2	92.1	104	114	123	133	169	325	559	816	1057	1266	1417	1510	1507
-15	0.29	7.18	24.9	43.6	71.2	86.3	99.1	111	120	130	156	296	549	830	1098	1330	1517	1658	1724
-10	0.72	18.4	36.2	62.8	82.6	96.1	109	119	129	146	270	558	876	1174	1426	1629	1796	1920	1866
-5	0.33	7.91	26.0	44.9	73.9	89.3	103	115	125	136	187	426	759	1089	1380	1632	1827	1987	2056
0	0.86	19.1	37.3	65.5	84.7	99.0	112	123	133	161	343	687	1045	1368	1645	1882	2056	2186	2133
5	0.37	7.99	26.3	45.6	74.6	90.0	104	116	126	137	191	438	777	1107	1398	1648	1840	2004	2087
10	0.85	18.7	37.0	64.4	83.8	97.5	110	121	131	150	288	588	912	1210	1458	1658	1822	1970	1932
15	0.39	7.51	25.5	45.6	73.1	88.2	101	113	122	133	163	320	589	878	1147	1376	1559	1713	1795
20	0.86	18.0	36.5	62.8	81.6	94.9	107	117	126	137	185	362	614	878	1120	1326	1483	1595	1573
25	0.42	6.62	24.0	44.5	69.6	84.9	97.6	109	118	126	139	192	328	520	727	922	1088	1215	1276
30	0.80	16.3	34.1	58.4	77.2	90.3	102	112	119	128	138	168	265	412	573	728	854	935	935
35	0.45	5.35	21.5	41.6	64.0	79.3	91.6	103	111	118	126	136	166	231	318	413	505	576	610
40	0.75	14.2	30.9	52.9	70.5	83.4	94.5	104	112	118	125	132	138	151	176	211	247	271	274
45	0.48	3.86	18.3	36.5	56.1	70.7	82.4	92.6	101	108	114	121	126	132	142	158	178	195	204
50	0.70	11.3	25.6	44.6	60.1	72.4	82.9	92.1	99.1	106	111	116	120	123	126	129	131	133	133
55	0.50	2.35	14.2	29.2	45.2	58.0	68.8	78.0	86.0	92.5	98.4	104	108	112	114	116	117	118	119
60	0.67	8.11	19.2	33.7	46.3	56.7	66.2	73.8	80.7	86.6	92.1	97.0	101	104	105	105	104	104	105
65	0.53	1.42	9.58	19.4	30.2	40.1	48.4	55.8	63.1	68.9	74.1	79.3	83.7	86.7	88.5	89.3	89.3	89.6	90.2
70	0.65	4.61	10.8	17.9	26.3	33.9	39.5	46.8	52.6	57.4	62.4	67.2	70.4	72.3	73.4	73.9	74.5	75.6	75.9
75	0.56	0.87	4.92	9.66	15.0	20.7	25.6	29.8	35.2	39.8	43.6	47.5	50.7	53.1	54.8	55.8	56.6	57.9	59.3
80	0.62	1.52	4.48	7.39	10.4	13.8	16.6	19.3	23.7	26.9	29.4	31.9	34.0	36.1	37.4	38.5	39.9	42.0	42.4
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:18 October 2019

V(B) Range:-80 - 80DEG
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Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
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LUMINOUS DISTRIBUTION INTENSITY DATA

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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	35.0	31.3	29.7	28.4	26.5	24.0	21.7	19.7	17.6	14.9	12.3	9.91	7.20	4.78	2.48	0.60	0.32	0.21	
-75	53.7	50.5	49.2	48.2	46.8	44.7	41.6	38.2	34.8	31.2	26.4	22.2	18.1	12.9	8.34	4.51	1.31	0.29	
-70	68.1	67.8	67.5	66.5	64.8	61.8	57.4	52.6	47.8	41.9	35.0	30.1	22.7	15.3	9.57	4.26	0.41	0.22	
-65	83.0	82.9	83.3	83.4	82.3	79.8	76.1	71.4	66.3	60.7	54.1	47.1	39.2	30.0	20.2	10.8	3.62	0.29	
-60	97.6	98.5	99.5	99.2	97.2	93.6	89.3	84.1	78.3	71.9	64.8	55.0	44.9	32.9	19.2	8.41	0.77	0.22	
-55	112	111	111	111	109	106	103	98.2	93.0	87.0	80.2	71.3	60.7	48.8	33.9	17.9	6.64	0.30	
-50	125	124	122	120	118	115	111	106	101	94.4	85.5	75.0	62.7	47.6	28.7	13.0	1.61	0.23	
-45	170	161	148	138	131	127	122	117	111	105	97.9	88.2	76.9	63.1	44.7	24.1	9.55	0.32	
-40	205	182	161	147	139	134	127	120	115	108	99.2	88.3	75.3	58.0	35.2	16.6	2.51	0.24	
-35	515	463	392	313	237	174	144	132	124	117	110	99.8	87.8	73.7	52.6	28.8	12.1	0.36	
-30	769	663	528	388	254	171	145	134	125	118	109	97.3	84.3	66.5	40.4	19.9	3.66	0.26	
-25	1142	1037	898	727	542	361	221	154	136	126	118	108	95.1	81.0	58.1	32.2	14.2	0.39	
-20	1398	1254	1067	846	607	369	198	149	135	124	115	103	89.6	72.2	42.8	22.0	4.39	0.28	
-15	1641	1514	1363	1167	929	662	393	205	149	134	124	113	99.8	85.6	61.9	34.4	15.7	0.41	
-10	1735	1605	1430	1210	934	626	328	173	144	130	120	107	93.3	76.1	44.1	23.9	5.62	0.30	
-5	1942	1799	1642	1434	1181	879	552	267	161	140	128	116	103	88.2	63.9	35.6	16.5	0.43	
0	1975	1816	1612	1367	1074	740	405	193	149	135	123	110	95.2	77.4	43.9	24.2	5.66	0.31	
5	1973	1826	1664	1453	1198	895	567	276	162	141	129	117	104	88.8	64.1	35.7	16.6	0.45	
10	1792	1653	1471	1247	967	657	354	180	146	132	122	109	94.6	77.0	43.9	24.2	5.71	0.33	
15	1704	1572	1415	1215	973	701	427	219	153	136	126	115	102	87.1	62.2	34.8	16.1	0.46	
20	1460	1313	1127	903	655	411	219	153	137	127	118	105	91.5	73.3	42.6	22.7	4.41	0.33	
25	1222	1112	966	791	596	402	246	162	140	129	121	110	97.4	83.1	58.6	32.7	14.8	0.46	
30	860	745	602	447	300	192	151	138	128	121	112	100	86.9	68.3	40.7	20.8	3.93	0.34	
35	590	531	449	358	270	196	152	137	128	121	113	103	91.1	76.7	53.8	29.5	12.9	0.47	
40	255	223	188	160	146	139	132	125	119	112	103	92.2	79.0	60.5	36.1	17.7	2.77	0.36	
45	201	188	169	152	139	133	127	122	116	110	103	92.9	81.3	67.1	46.8	25.1	10.5	0.47	
50	132	131	129	126	123	120	116	112	106	99.8	90.8	80.2	67.5	51.0	30.1	14.2	1.54	0.38	
55	119	118	118	117	115	112	109	104	99.5	93.7	86.5	77.5	66.6	53.6	37.0	19.5	7.58	0.48	
60	105	106	106	106	104	101	96.5	91.7	86.2	79.5	71.8	62.1	51.0	37.2	21.7	9.79	0.87	0.41	
65	90.2	90.2	90.8	90.7	89.5	87.1	83.6	78.9	74.0	68.5	61.5	53.8	45.5	35.1	23.6	12.7	4.32	0.50	
70	75.3	75.2	75.2	74.5	72.8	69.8	65.2	60.3	55.4	49.6	41.9	35.9	28.0	19.1	11.7	5.29	0.62	0.44	
75	58.6	57.2	56.7	56.0	54.7	52.5	49.5	45.8	42.0	38.0	32.8	27.6	22.8	16.7	11.0	5.87	1.71	0.51	
80	40.1	38.5	37.5	36.2	34.1	31.9	29.3	26.7	24.0	20.3	17.4	13.8	10.3	7.19	3.93	1.18	0.56	0.48	
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:18 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: