

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	555.5 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	139.7V x 152.0H
	At 50% of Imax	36.6V x 139.7H
	At 90% of Imax	7.5V x 135.8H

Beam Flux	Total	993.9 lumens per klm.
	To 10% of Imax	963.4 lumens per klm.
	To 50% of Imax	526.9 lumens per klm.
	To 90% of Imax	34.4 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.4 %

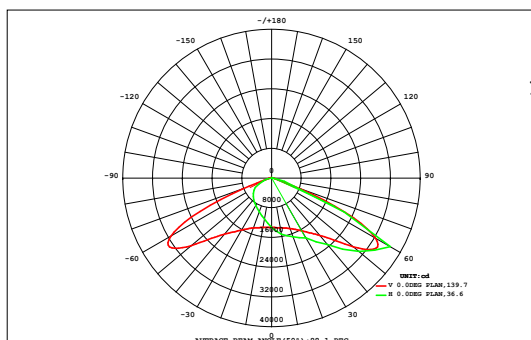
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 November 2019

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:119.97V I:4.9319A P:581.00W PF:0.9819 Freq:59.98Hz Lamp Flux:80799.6x1 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:139.07lm/W	
NJZMODEL 600-V01-RZ-T3-PC-BL		Imax(cd)	44884
NOMINAL POWER(W)	600	AVAILABILITY(%)	97.2
RATED VOLTAGE(V)	120	Avai. FLUX(lm)	78534
NOMINAL FLUX(lm)	80799.6	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	80800
TEST VOLTAGE(V)	120	θ @50% (H,V)	140,37DEG

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	0.39	3.36	8.84	16.0	25.1	36.9	46.4	55.1	57.1	56.6	53.8	44.7	34.8	23.5	14.7	7.71	2.66	0.29	488	0.00
70	0.72	6.45	15.8	32.9	63.4	91.7	105	113	111	110	111	102	87.2	58.9	30.2	14.6	5.41	0.51	1061	400
60	1.08	9.42	26.3	82.3	152	187	193	186	181	181	186	191	182	145	75.9	25.2	8.85	0.85	2014	1874
50	1.33	10.9	52.5	173	226	226	222	219	216	216	219	222	226	225	165	47.4	10.6	1.14	2677	2606
40	1.50	12.5	105	254	258	250	250	249	247	247	248	249	250	260	250	95.0	12.1	1.33	3240	3192
30	1.57	14.9	167	328	297	284	280	279	279	278	277	278	282	297	327	155	14.3	1.45	3840	3802
	1.58	17.5	225	418	359	334	322	318	317	316	316	319	330	356	413	212	16.7	1.50	4592	4561
	1.51	17.7	266	518	452	405	384	374	372	370	371	379	399	444	509	257	18.0	1.50	5538	5510
	1.40	15.2	277	606	564	494	459	443	438	436	439	451	483	549	593	276	16.8	1.44	6544	6515
	1.19	11.5	245	663	664	584	533	504	493	491	496	519	566	642	650	262	14.4	1.36	7340	7309
	0.96	9.39	177	666	746	662	603	562	542	538	551	585	639	717	664	209	11.4	1.19	7885	7849
-30	0.71	7.75	95.7	593	813	740	690	654	633	629	643	673	718	786	615	129	9.04	0.96	8430	8387
-40	0.52	6.32	38.9	415	844	870	830	819	814	811	811	816	847	837	460	54.3	7.02	0.69	9281	9228
-50	0.34	4.53	13.2	158	687	1019	1061	1046	1037	1037	1042	1049	1013	728	208	18.3	5.28	0.50	10126	10057
-60	0.21	2.89	9.20	19.7	247	702	870	836	803	807	846	890	751	315	31.5	9.93	3.53	0.37	7145	7055
-70	0.11	1.42	5.13	8.80	11.7	36.1	69.4	66.1	55.8	57.4	75.1	95.4	57.2	16.7	8.96	6.21	2.02	0.25	574	188
-80	0.03	0.24	1.06	2.16	2.16	1.07	1.11	1.43	1.71	1.74	1.46	1.03	0.90	1.87	2.74	1.58	0.50	0.08	22.9	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	15.2	152	1727	4952	6412	6923	6916	6727	6597	6584	6688	6864	6866	6401	5018	1782	159	15.4	80800	---
Φ a	0.00	12.5	1571	4829	6310	6815	6778	6560	6421	6407	6520	6734	6753	6296	4895	1624	9.49	0.00	---	78534

one-half-peak spread: U:5.9,D:31.5 , L:12.8,R:12.9

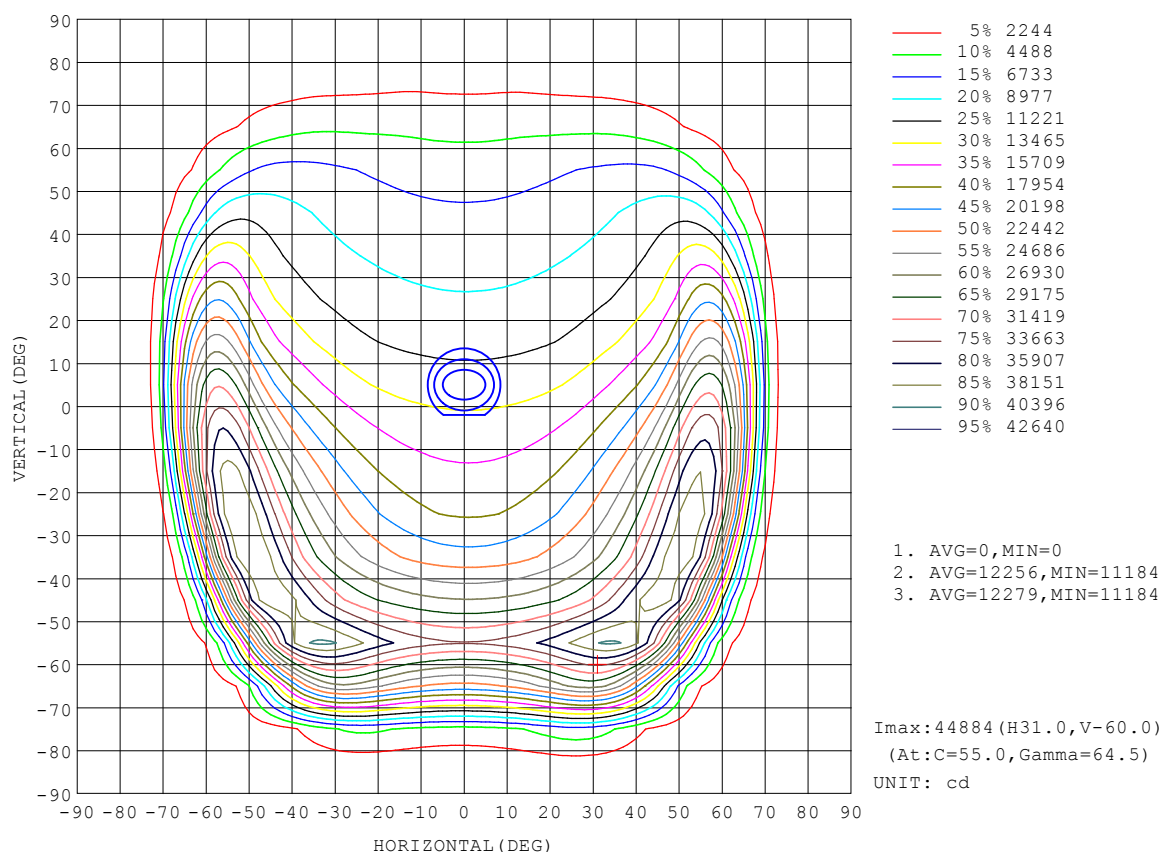
NEMA Beam Type: Type 7

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:119.97V I:4.9319A P:581.00W PF:0.9819 Freq:59.98Hz Lamp Flux:80799.6x1 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

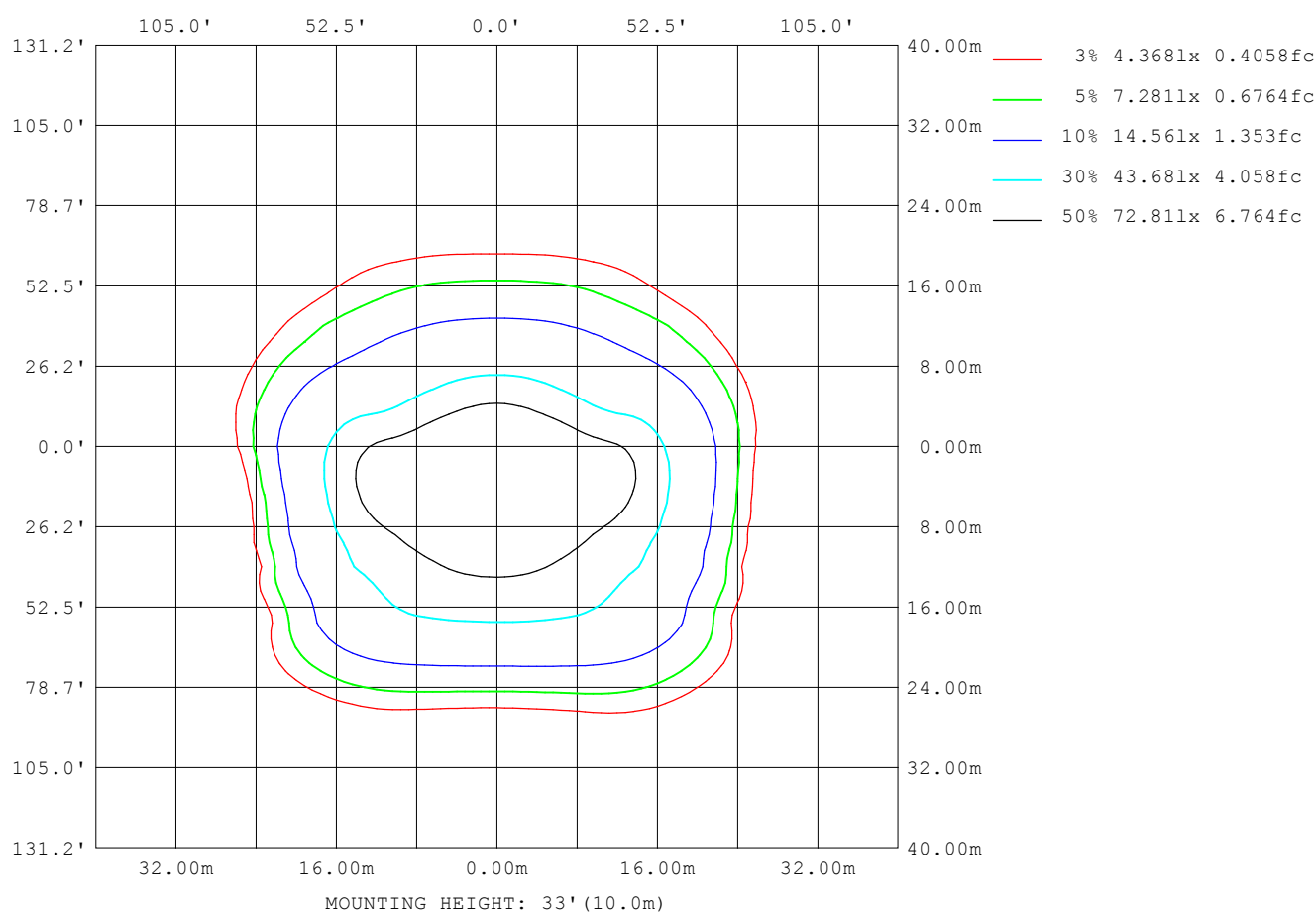


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 November 2019

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

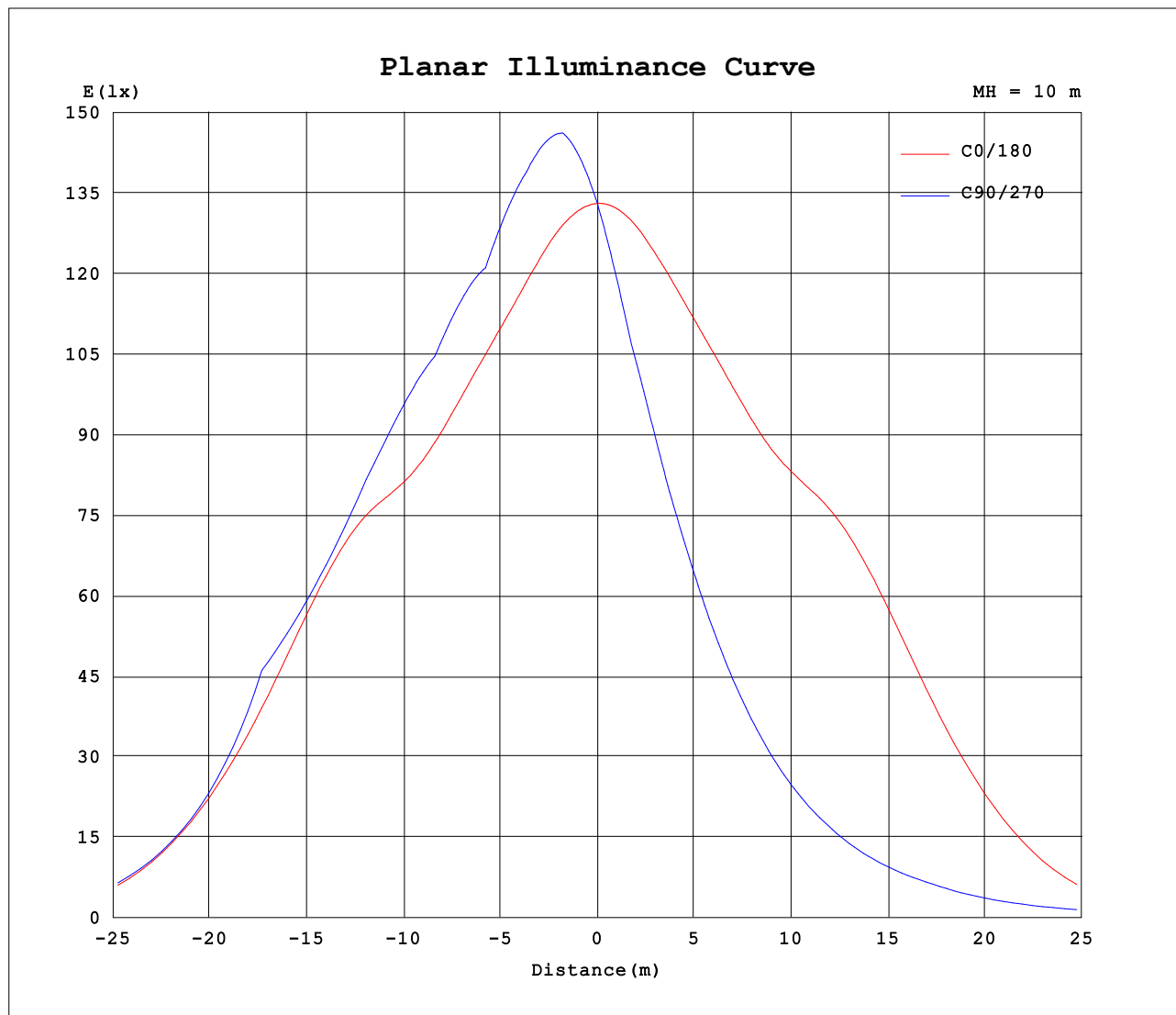
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SPEC.:600W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



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



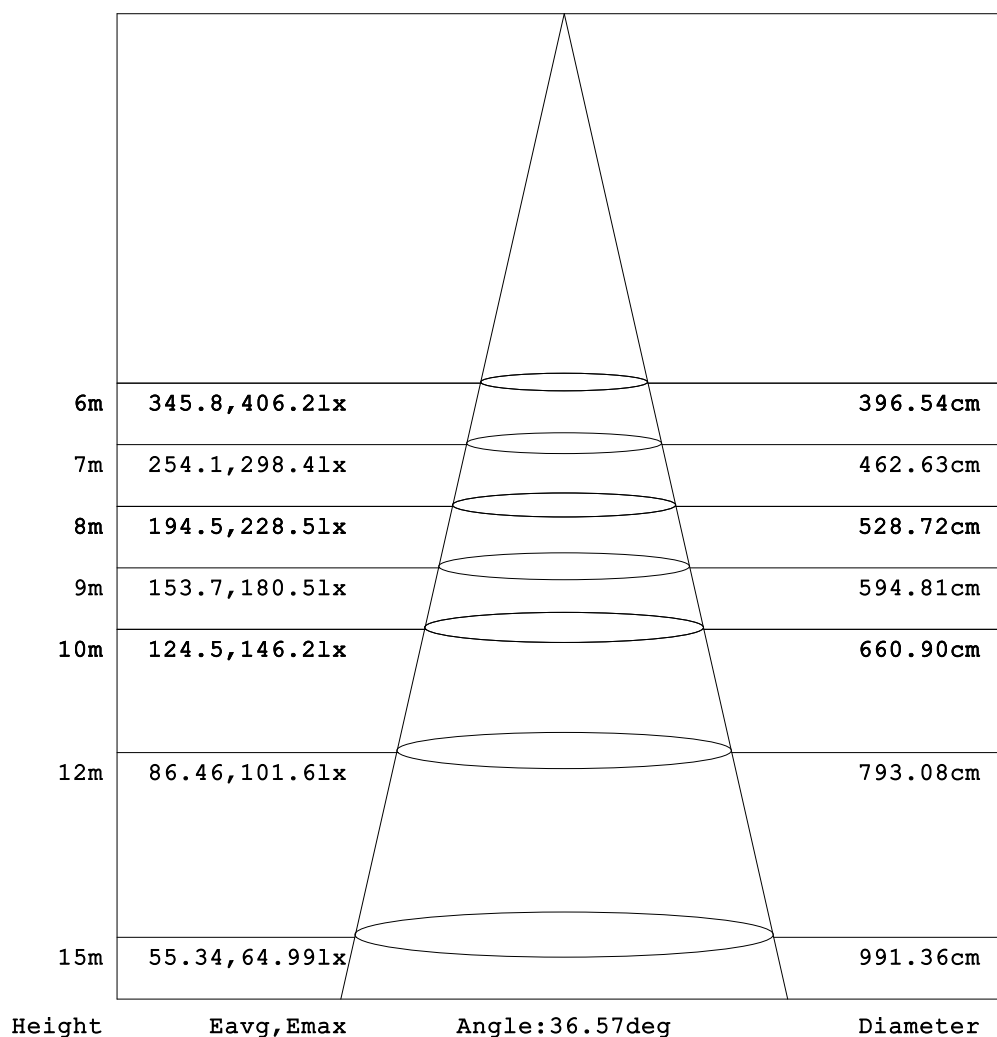
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:05 November 2019

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:

AAI Figure

Test:U:119.97V I:4.9319A P:581.00W PF:0.9819 Freq:59.98Hz Lamp Flux:80799.6x1 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:4379 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:119.97V I:4.9319A P:581.00W PF:0.9819 Freq:59.98Hz Lamp Flux:80799.6x1 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: ×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	1.86	2.37	4.03	8.97	16.8	24.0	31.7	38.2	45.0	51.9	58.3	65.7	73.9	80.7	84.3	83.8	82.8	84.7	85.1
-75	1.91	3.01	7.21	16.8	29.1	39.8	51.3	64.8	84.3	116	193	322	435	492	481	433	392	369	362
-70	1.96	3.66	10.4	24.7	41.4	55.6	70.9	91.3	124	181	328	579	796	903	877	782	700	652	639
-65	2.04	4.82	15.0	34.6	54.6	73.4	100	164	445	1102	1839	2388	2636	2626	2497	2354	2247	2182	2163
-60	2.11	5.98	19.6	44.5	67.9	91.1	130	236	766	2024	3349	4197	4475	4350	4117	3926	3793	3712	3687
-55	2.20	7.43	25.3	55.1	82.2	117	238	811	1893	2994	3760	4065	4046	3875	3694	3556	3460	3402	3382
-50	2.28	8.89	31.1	65.8	96.5	144	347	1387	3020	3965	4170	3933	3617	3400	3272	3187	3128	3092	3077
-45	2.34	10.8	38.8	76.5	112	228	872	2237	3497	3968	3865	3539	3244	3045	2914	2823	2758	2719	2702
-40	2.40	12.7	46.4	87.1	128	313	1396	3087	3975	3971	3559	3145	2872	2689	2557	2459	2389	2345	2327
-35	2.43	14.1	53.2	94.6	147	532	1935	3447	4017	3818	3357	2966	2701	2508	2360	2247	2166	2117	2096
-30	2.45	15.4	59.9	102	165	751	2473	3807	4059	3665	3155	2787	2529	2327	2162	2034	1943	1888	1864
-25	2.49	18.4	66.7	110	216	1113	2854	3901	3943	3475	2987	2643	2389	2187	2031	1915	1837	1790	1770
-20	2.52	21.3	73.5	118	267	1475	3235	3996	3827	3284	2819	2499	2248	2047	1899	1796	1731	1691	1676
-15	2.57	26.1	78.1	125	351	1732	3327	3894	3619	3071	2637	2334	2101	1923	1795	1706	1650	1617	1603
-10	2.61	30.9	82.8	131	435	1989	3418	3791	3412	2858	2455	2168	1955	1799	1690	1616	1570	1542	1531
-5	2.65	33.7	87.2	139	528	2078	3320	3566	3145	2606	2233	1983	1799	1663	1568	1504	1465	1441	1431
0	2.68	36.5	91.7	146	620	2166	3221	3342	2879	2353	2011	1799	1642	1527	1446	1393	1360	1339	1331
5	2.74	37.3	94.0	151	639	2056	2990	3057	2589	2098	1814	1634	1498	1397	1327	1280	1251	1232	1225
10	2.80	38.0	96.3	155	657	1945	2759	2772	2299	1842	1616	1469	1354	1267	1208	1167	1141	1125	1119
15	2.85	38.6	97.8	157	592	1745	2481	2486	2042	1665	1475	1348	1249	1173	1121	1087	1064	1050	1045
20	2.91	39.2	99.3	160	527	1545	2203	2199	1785	1489	1333	1227	1144	1079	1035	1007	987	975	971
25	2.98	38.1	98.4	155	431	1290	1915	1954	1625	1379	1240	1145	1072	1016	976	950	931	920	915
30	3.04	37.0	97.5	150	334	1035	1628	1709	1466	1268	1146	1062	1000	953	917	892	875	864	860
35	3.10	35.5	95.0	146	271	792	1338	1493	1351	1193	1081	1004	947	904	870	845	826	814	809
40	3.15	34.0	92.6	141	207	548	1047	1277	1236	1117	1017	946	894	855	824	798	777	763	759
45	3.19	30.9	86.6	134	183	388	762	1017	1074	1027	957	893	840	799	767	741	721	708	704
50	3.23	27.8	80.6	127	158	229	476	758	912	936	896	839	786	744	711	684	664	652	648
55	3.26	24.2	71.4	115	144	190	330	511	652	724	741	727	701	672	642	615	594	582	578
60	3.29	20.5	62.3	104	131	150	183	264	391	511	585	616	617	600	574	546	524	512	508
65	3.31	16.3	48.5	81.2	105	122	145	193	263	330	379	409	415	411	407	403	393	380	375
70	3.33	12.2	34.8	58.2	78.7	92.7	108	122	134	149	172	201	213	222	240	260	262	248	243
75	3.33	9.19	24.0	40.1	54.5	65.3	76.5	87.3	96.2	109	125	143	151	159	170	182	184	178	176
80	3.34	6.22	13.2	22.1	30.3	37.9	45.3	52.3	58.8	68.3	77.8	83.9	90.0	96.6	101	104	107	108	109
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:119.97V I:4.9319A P:581.00W PF:0.9819 Freq:59.98Hz Lamp Flux:80799.6x1 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--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	86.4	85.8	87.9	89.9	87.4	81.4	73.0	65.7	59.6	52.8	46.3	40.6	32.3	24.1	16.0	9.78	6.28	2.88	
-75	376	409	466	543	597	568	451	288	163	102	74.9	60.8	48.9	37.0	24.5	13.5	7.56	2.80	
-70	666	732	845	997	1107	1055	828	511	267	152	104	81.0	65.4	49.9	33.0	17.2	8.84	2.72	
-65	2193	2269	2390	2555	2720	2771	2570	2069	1363	635	235	122	84.4	63.4	43.3	21.7	10.4	2.74	
-60	3720	3806	3936	4114	4334	4488	4312	3626	2459	1119	366	163	103	76.8	53.6	26.2	12.0	2.76	
-55	3402	3458	3547	3672	3838	4008	4066	3857	3230	2198	1071	358	150	92.3	64.7	33.2	13.9	2.77	
-50	3084	3110	3158	3230	3342	3529	3819	4087	4000	3277	1776	553	197	108	75.8	40.1	15.8	2.79	
-45	2709	2739	2793	2875	2992	3171	3442	3767	3933	3620	2538	1131	332	131	85.4	49.0	16.9	2.83	
-40	2334	2367	2428	2519	2643	2813	3064	3446	3865	3963	3299	1708	467	153	95.0	57.8	18.0	2.86	
-35	2104	2141	2209	2311	2451	2634	2883	3241	3690	3954	3579	2263	769	196	103	65.0	20.2	2.84	
-30	1874	1915	1989	2104	2259	2455	2701	3036	3514	3946	3858	2817	1071	239	112	72.1	22.4	2.81	
-25	1778	1813	1877	1979	2123	2314	2558	2879	3337	3819	3892	3080	1397	306	119	76.5	26.3	2.79	
-20	1682	1710	1764	1854	1988	2174	2415	2723	3159	3691	3926	3342	1722	373	126	80.9	30.2	2.78	
-15	1609	1634	1680	1757	1874	2041	2262	2550	2966	3503	3813	3367	1910	450	133	84.3	33.0	2.81	
-10	1536	1557	1595	1660	1760	1908	2109	2378	2774	3314	3700	3392	2098	528	140	87.6	35.8	2.84	
-5	1436	1455	1488	1545	1632	1762	1938	2174	2534	3070	3488	3262	2108	586	145	89.9	36.1	2.88	
0	1335	1352	1382	1429	1504	1616	1767	1970	2295	2826	3275	3132	2119	644	150	92.1	36.4	2.92	
5	1228	1244	1270	1312	1379	1477	1608	1781	2056	2547	3007	2907	1994	622	156	93.8	36.6	2.92	
10	1122	1135	1159	1196	1253	1338	1448	1592	1817	2268	2738	2682	1869	601	161	95.5	36.7	2.93	
15	1048	1059	1080	1112	1162	1236	1331	1456	1649	2029	2463	2407	1654	529	157	95.4	35.7	2.95	
20	973	982	1000	1028	1071	1133	1214	1320	1482	1790	2188	2132	1439	457	153	95.3	34.7	2.98	
25	918	928	945	971	1010	1064	1135	1230	1376	1635	1946	1848	1196	380	150	94.1	33.5	3.04	
30	863	873	890	914	948	995	1056	1140	1271	1480	1703	1564	953	303	147	92.9	32.2	3.10	
35	813	824	843	867	900	943	999	1079	1197	1359	1473	1266	712	250	142	88.7	29.7	3.15	
40	763	776	795	821	852	891	943	1017	1123	1238	1243	968	470	197	137	84.6	27.2	3.19	
45	708	720	740	766	798	837	888	952	1021	1058	975	697	344	177	129	78.3	24.2	3.22	
50	652	664	684	711	743	783	833	887	919	879	706	425	218	157	121	71.9	21.3	3.26	
55	582	593	614	640	667	692	712	719	694	614	472	301	182	141	108	61.2	17.4	3.27	
60	511	522	543	568	590	600	590	551	470	349	238	177	147	126	93.6	50.4	13.4	3.28	
65	378	390	398	400	402	401	389	357	306	238	176	137	114	95.0	69.1	37.7	10.6	3.28	
70	246	259	254	232	215	203	188	162	142	127	114	97.4	80.7	64.4	44.5	25.0	7.85	3.29	
75	177	182	178	165	154	145	134	117	102	90.8	80.5	68.9	56.8	44.9	31.2	17.3	6.38	3.28	
80	107	105	102	98.1	93.2	86.1	79.4	72.9	63.3	54.6	47.5	40.4	33.0	25.4	18.0	9.57	4.91	3.27	
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: