

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1018.6 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	90.4V x 88.5H
	At 50% of Imax	55.4V x 54.6H
	At 90% of Imax	23.4V x 19.8H

Beam Flux	Total	998.8 lumens per klm.
	To 10% of Imax	796.6 lumens per klm.
	To 50% of Imax	507.0 lumens per klm.
	To 90% of Imax	92.1 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.9 %

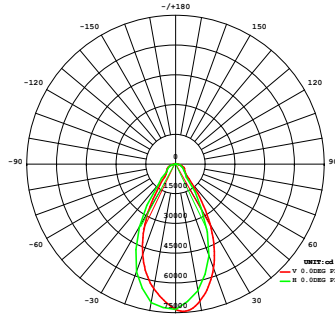
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:01 November 2019

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:219.73V I:2.5382A P:549.71W PF:0.9856 Freq:49.99Hz Lamp Flux:73028.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

	DATA OF LAMP		Eff:132.85lm/W	
	NJZ-EMD560-V01-RZ-60-PC-U-GR		Imax(cd)	74389
	NOMINAL POWER(W)	560	AVAILABILITY(%)	79.3
	RATED VOLTAGE(V)	220	Avai. FLUX(lm)	57929
	NOMINAL FLUX(lm)	73028.4	LOR(%)	100.0
	LAMPS INSIDE	1	TOTAL FLUX(lm)	73028
	TEST VOLTAGE(V)	220	θ @50% (H,V)	55,55DEG

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	0.00	0.00
80	0.52	5.04	15.0	28.6	44.1	59.6	73.1	82.4	88.3	87.8	81.6	71.5	57.2	41.5	25.6	12.3	3.38	0.24	778	0.00
70	0.92	8.63	24.8	45.0	66.4	87.4	105	116	121	121	117	106	87.8	66.7	44.1	23.3	7.03	0.52	1149	0.00
60	1.36	12.8	35.2	61.9	89.2	115	138	153	160	161	154	139	117	91.2	63.1	34.9	11.2	0.89	1539	0.00
50	1.74	15.7	42.2	73.0	105	138	176	230	275	271	224	173	139	107	75.1	42.6	14.3	1.25	2102	660
40	2.05	17.9	47.2	81.0	118	174	310	527	693	671	490	288	169	120	83.5	48.1	16.5	1.53	3857	2996
30	2.26	19.4	50.7	87.0	133	270	646	1102	1408	1355	1016	576	243	132	89.8	52.1	18.1	1.77	7201	6560
20	2.42	20.4	53.0	91.7	152	433	1024	1597	1961	1879	1473	905	368	146	94.3	54.6	19.2	1.91	10276	9726
10	2.47	20.7	54.2	94.6	169	547	1228	1835	2211	2108	1690	1086	457	158	97.3	56.1	19.8	1.99	11836	11320
0	2.47	20.6	54.1	94.4	168	526	1181	1777	2129	2020	1625	1037	432	155	96.9	55.8	19.7	1.95	11396	10873
-10	2.34	19.8	52.3	90.7	148	385	899	1420	1735	1668	1301	784	318	142	93.7	54.2	19.2	1.86	9136	8561
-20	2.14	18.7	49.7	85.7	129	233	523	899	1145	1102	812	447	201	129	89.1	51.3	18.0	1.65	5937	5239
-30	1.82	16.9	45.6	79.0	115	152	233	377	487	467	341	210	151	118	82.6	47.1	16.2	1.39	2942	1963
-40	1.45	14.6	40.2	70.4	101	131	149	154	160	160	156	152	135	105	73.0	40.7	13.6	1.03	1657	30.0
-50	1.04	11.4	32.5	58.1	84.4	109	130	143	148	149	145	133	113	87.1	59.0	31.7	10.0	0.66	1446	0.00
-60	0.66	7.67	22.4	41.0	60.9	80.9	98.3	108	112	112	110	99.8	81.5	60.2	39.2	19.8	5.73	0.33	1060	0.00
-70	0.33	3.65	10.9	21.0	33.1	45.1	55.8	63.3	70.4	71.2	63.4	55.2	43.4	30.7	18.0	8.28	2.13	0.13	596	0.00
-80	0.09	0.66	1.97	3.97	6.30	8.51	11.1	13.8	20.0	19.2	12.7	9.46	6.42	4.10	2.04	0.67	0.14	0.01	121	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	26.1	235	632	1107	1722	3495	6979	10595	12923	12423	9812	6273	3119	1695	1126	634	214	19.1	73028	---
Φ a	0.00	0.00	0.00	0.00	284	2379	5978	9660	11965	11456	8875	5215	1949	169	0.00	0.00	0.00	0.00	---	57929

one-half-peak spread: U:25.6,D:30.1 , L:26.2,R:28.8

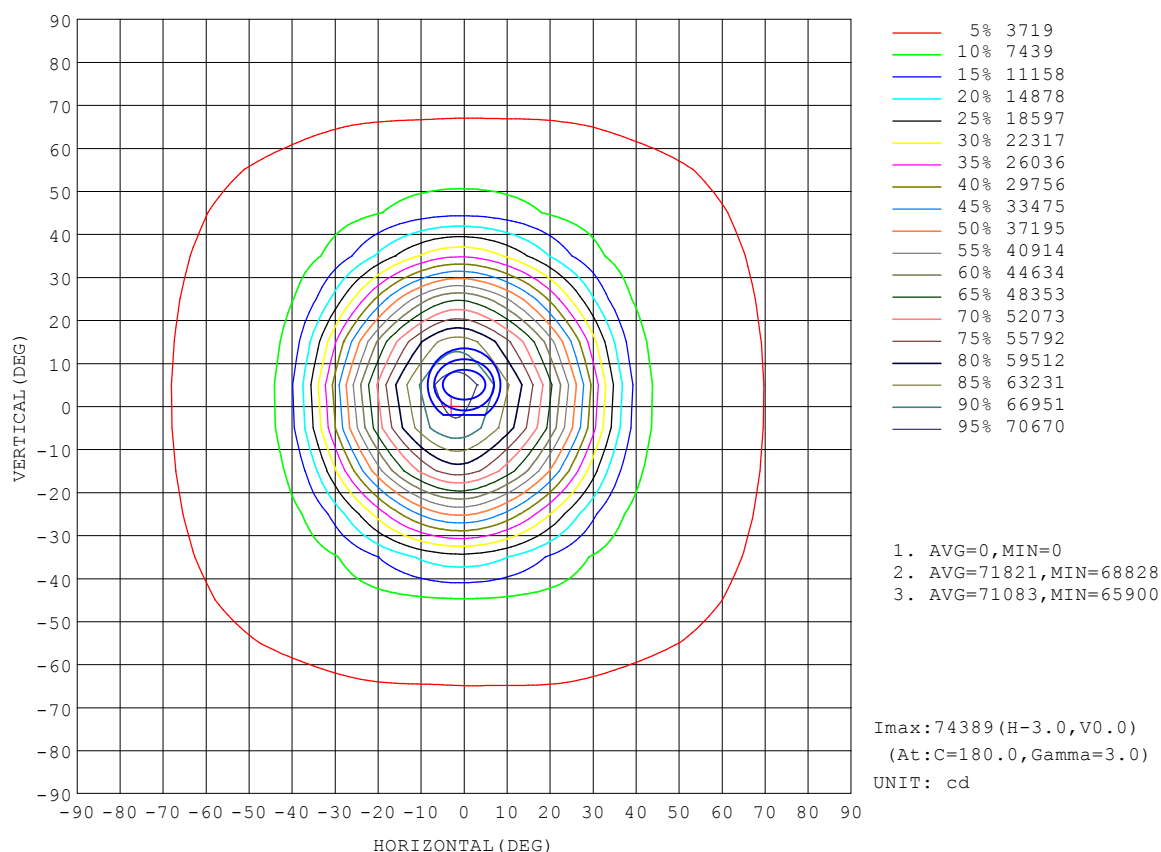
NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:01 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:219.73V I:2.5382A P:549.71W PF:0.9856 Freq:49.99Hz Lamp Flux:73028.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

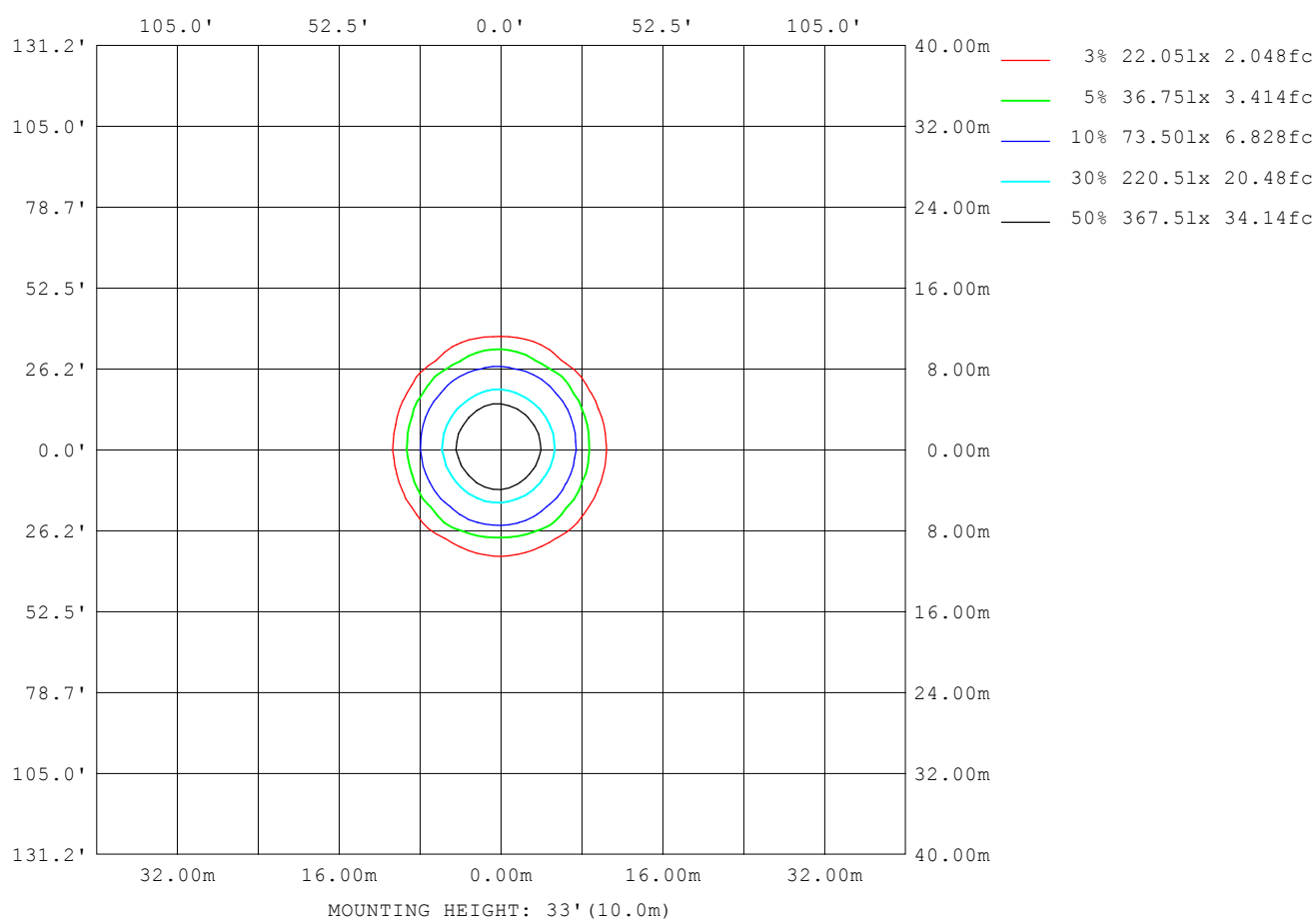


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:01 November 2019

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

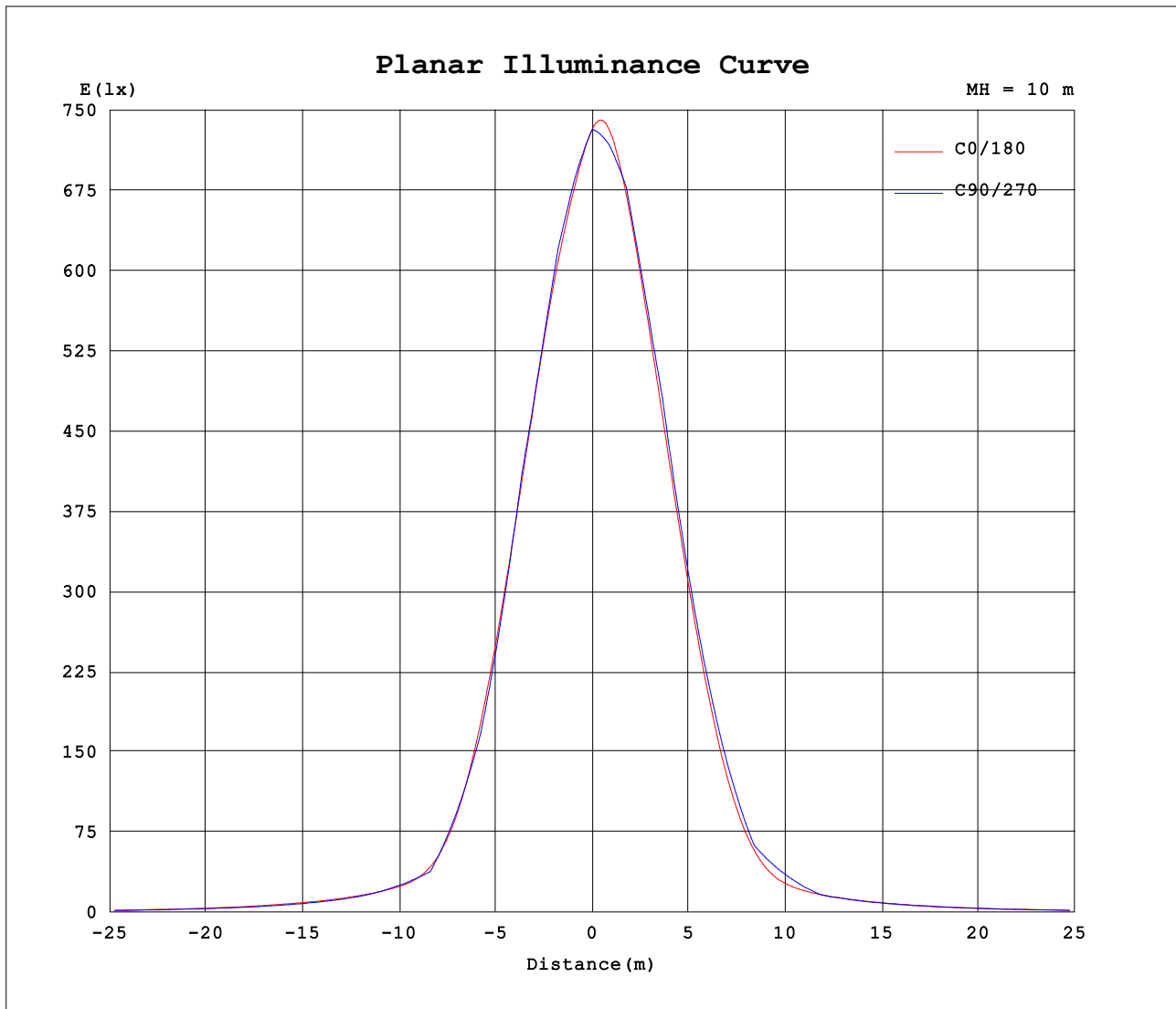
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SPEC.:560W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:01 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



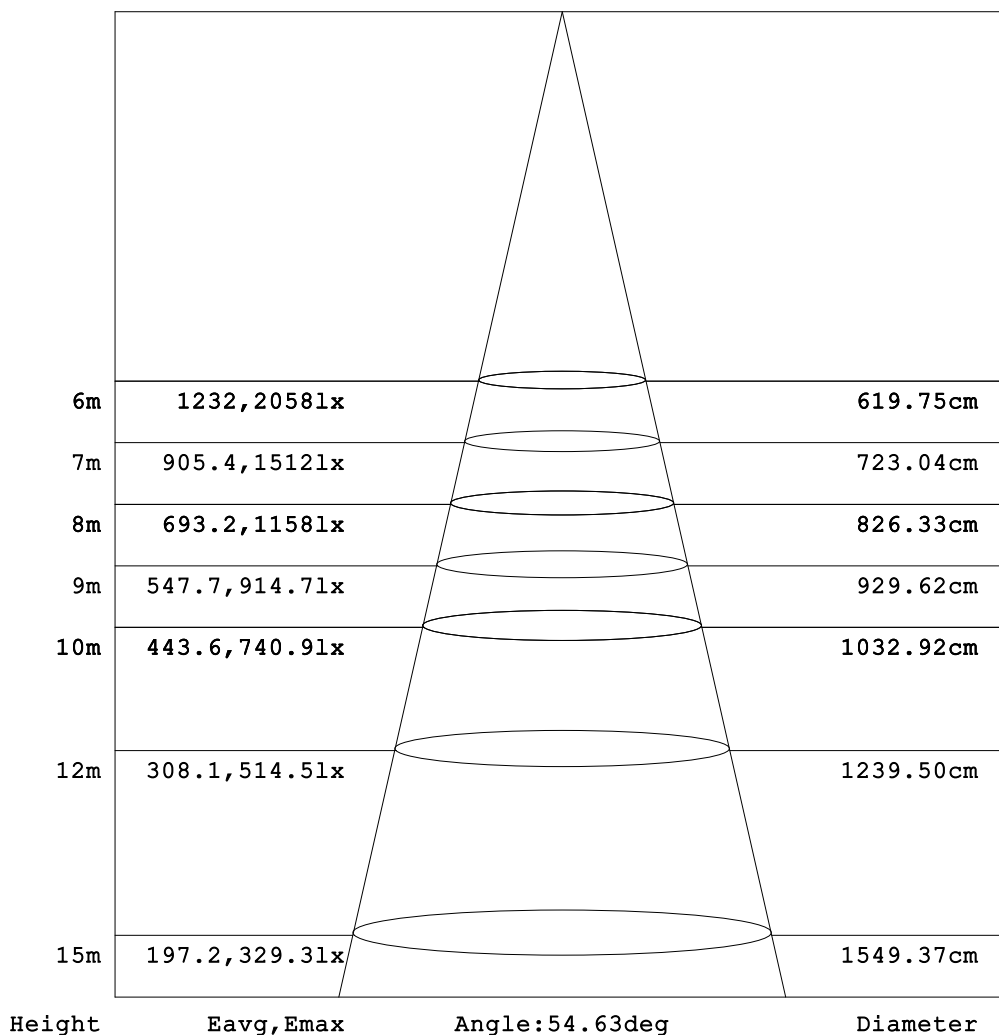
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:01 November 2019

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:219.73V I:2.5382A P:549.71W PF:0.9856 Freq:49.99Hz Lamp Flux:73028.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	DIM.: N/A	SERIAL No.:N/A
MFR.: NJZ Lighting Technology Co.,Ltd	SUR.:N/A	Shielding Angle:N/A

Flux out:37769 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: 01 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:219.73V I:2.5382A P:549.71W PF:0.9856 Freq:49.99Hz Lamp Flux:73028.4x1 lm		
NAME: LED High Bay Light	TYPE:Floodlight	WEIGHT:N/A
SPEC.:560W	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	2.63	5.56	13.4	24.9	36.1	47.7	59.4	69.5	80.0	89.7	97.3	104	112	120	127	133	144	166	180
-75	1.96	6.62	20.7	42.8	62.6	83.2	102	118	136	152	165	177	189	199	207	212	219	231	242
-70	2.81	11.0	36.2	68.9	97.0	127	151	174	199	219	237	255	270	282	289	294	298	302	305
-65	1.54	11.4	42.2	86.7	128	166	198	227	254	277	298	318	336	351	360	365	366	368	371
-60	2.96	20.1	65.4	122	175	219	257	291	318	343	367	389	409	424	433	436	435	436	437
-55	1.16	17.5	66.7	130	193	244	287	326	358	386	411	434	455	472	485	494	499	504	507
-50	3.06	29.9	92.9	165	234	287	333	374	409	439	465	488	508	525	540	554	565	574	577
-45	0.86	25.3	90.5	167	244	303	353	396	434	466	496	527	555	584	613	645	678	705	715
-40	3.38	42.5	116	201	280	340	390	434	471	505	540	577	614	653	698	750	804	843	852
-35	0.69	34.6	109	194	283	346	399	447	487	526	572	627	724	895	1115	1345	1549	1687	1725
-30	3.67	55.3	132	225	313	375	429	476	518	565	623	705	891	1220	1625	2028	2362	2564	2587
-25	0.66	45.2	123	214	312	377	433	484	530	585	671	875	1260	1798	2388	2947	3404	3700	3780
-20	4.05	67.5	146	246	339	402	458	510	562	631	773	1170	1826	2610	3386	4071	4593	4906	4941
-15	0.00	53.3	133	227	331	397	456	511	566	646	843	1371	2179	3086	3950	4697	5279	5660	5750
-10	5.83	71.5	153	256	353	417	476	533	597	706	1063	1863	2890	3921	4836	5584	6152	6507	6499
-5	0.00	56.6	139	235	343	410	471	529	593	699	1048	1873	2963	4061	5039	5852	6485	6911	6960
0	5.67	74.4	158	265	361	427	489	548	619	767	1295	2297	3485	4616	5596	6400	7028	7410	7324
5	0.00	57.1	140	238	344	412	473	531	597	708	1097	1985	3127	4259	5257	6084	6739	7208	7265
10	5.59	72.8	156	262	356	421	481	538	606	732	1184	2111	3234	4327	5279	6054	6675	7110	7103
15	0.14	55.5	137	234	337	402	461	516	575	664	934	1614	2567	3581	4512	5300	5931	6400	6491
20	5.49	70.4	152	255	346	408	464	516	572	655	886	1468	2309	3227	4086	4822	5408	5802	5799
25	0.00	51.9	130	225	321	385	441	492	540	602	727	1055	1625	2338	3069	3736	4281	4668	4754
30	6.02	63.8	141	238	324	385	438	486	530	583	658	833	1212	1745	2333	2888	3339	3626	3656
35	0.26	46.1	118	208	296	358	411	458	499	542	595	689	884	1184	1551	1929	2256	2482	2540
40	4.69	56.2	127	217	295	353	403	446	484	520	560	605	662	763	923	1112	1283	1393	1402
45	1.16	38.6	102	183	261	319	368	411	448	481	514	549	587	642	725	827	923	990	1007
50	4.13	45.1	106	183	253	306	352	392	426	455	482	508	530	549	567	583	596	604	606
55	1.62	29.5	81.2	147	213	264	309	347	379	407	433	457	477	495	508	519	526	531	534
60	3.67	33.2	80.1	140	196	242	282	315	344	370	394	415	432	446	454	458	459	460	461
65	2.04	19.6	56.7	102	149	190	224	255	283	306	328	348	365	378	387	392	394	397	399
70	3.23	19.8	49.9	83.9	119	152	178	207	231	251	270	289	304	315	322	327	331	335	336
75	2.40	10.0	31.5	56.0	81.3	107	128	149	170	187	202	217	231	241	248	253	257	262	264
80	2.92	7.16	22.6	38.4	53.9	70.8	86.9	101	116	129	141	152	161	170	176	181	186	191	192
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:01 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:219.73V I:2.5382A P:549.71W PF:0.9856 Freq:49.99Hz Lamp Flux:73028.4x1 lm		
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SPEC.:560W	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	164	140	128	120	112	102	92.1	83.1	73.5	62.5	51.1	39.8	28.3	18.2	11.2	4.83	2.13	1.32	
-75	236	222	213	207	199	188	174	159	144	127	107	88.8	69.1	47.7	30.2	13.3	3.93	1.45	
-70	303	299	296	291	282	268	250	229	209	184	155	131	101	69.8	42.7	16.4	3.93	1.25	
-65	371	370	370	367	359	344	325	303	279	254	224	192	156	115	73.5	33.6	7.92	1.46	
-60	438	441	443	441	431	414	392	368	340	313	281	239	196	144	88.4	36.9	7.05	1.19	
-55	507	505	502	497	487	471	452	429	402	372	338	295	247	192	126	61.1	14.4	1.48	
-50	575	568	560	550	537	522	503	480	452	419	379	332	278	215	136	62.1	12.0	1.13	
-45	705	680	650	621	596	572	547	520	491	459	420	373	318	254	171	87.1	22.6	1.51	
-40	827	780	727	682	645	613	581	550	519	485	443	393	334	264	170	83.5	16.6	1.12	
-35	1654	1499	1292	1072	872	721	639	592	553	516	475	426	368	299	204	108	32.7	1.59	
-30	2430	2140	1768	1380	1027	787	675	617	572	532	489	437	376	302	196	100	25.3	1.13	
-25	3603	3250	2780	2236	1680	1185	841	673	606	558	514	462	402	332	226	122	42.7	1.69	
-20	4658	4189	3582	2870	2117	1418	914	695	618	566	519	464	402	327	209	111	31.4	1.19	
-15	5480	5021	4428	3694	2863	2006	1268	816	657	590	540	486	424	354	239	133	49.3	1.79	
-10	6140	5639	5000	4197	3263	2269	1390	839	663	594	540	483	420	345	218	119	36.0	1.21	
-5	6606	6118	5503	4710	3765	2717	1709	983	698	614	556	499	436	365	244	138	52.5	1.92	
0	6891	6375	5715	4866	3859	2742	1678	946	689	609	551	491	426	350	216	122	36.7	1.17	
5	6888	6373	5735	4918	3950	2868	1810	1023	705	617	559	501	438	367	243	139	53.2	2.02	
10	6693	6141	5455	4606	3622	2556	1569	898	674	600	545	487	423	348	215	122	37.1	1.22	
15	6163	5660	5023	4235	3328	2365	1481	883	669	596	543	489	428	358	236	135	51.0	2.03	
20	5452	4950	4300	3516	2652	1797	1097	729	626	569	522	467	406	331	205	114	33.4	1.36	
25	4513	4094	3543	2886	2179	1511	985	707	613	561	517	465	407	338	223	126	46.1	2.00	
30	3430	3039	2538	1976	1429	983	721	628	576	535	493	441	383	308	194	105	29.4	1.43	
35	2418	2166	1835	1468	1120	851	677	602	557	520	481	432	377	308	204	112	39.1	1.95	
40	1322	1172	989	812	691	633	592	555	523	490	450	402	346	273	172	88.9	22.7	1.53	
45	974	900	805	707	631	588	557	527	498	468	430	385	333	268	177	93.3	30.0	1.91	
50	602	593	581	566	549	531	510	487	461	432	393	349	296	230	144	70.8	17.0	1.61	
55	533	529	524	515	502	486	467	446	422	394	360	319	271	213	138	70.3	20.2	1.86	
60	463	464	464	459	449	434	416	395	371	343	311	271	225	168	102	47.6	10.0	1.72	
65	398	398	397	393	384	371	353	333	312	287	256	223	185	139	88.3	43.6	11.4	1.84	
70	334	331	329	324	314	301	282	262	243	220	188	161	128	89.8	55.1	24.1	4.90	1.80	
75	261	257	253	248	239	228	213	198	182	163	140	118	93.3	66.0	40.8	19.6	5.12	1.85	
80	187	181	176	169	160	150	139	127	114	97.4	82.0	65.5	48.1	32.1	17.5	7.64	2.27	1.86	
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:01 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: