

LED Javits Canopy Light 60W Data:

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		354.2 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax	156.8V x 154.7H
	At 50% of Imax	111.8V x 110.4H
	At 90% of Imax	54.4V x 54.9H
Beam Flux	Total	986.6 lumens per klm.
	To 10% of Imax	970.1 lumens per klm.
	To 50% of Imax	740.4 lumens per klm.
	To 90% of Imax	233.0 lumens per klm.
Upward LOR		0.0 %
Downward LOR		98.7 %
Luminaire Efficiency(Light Output Ratio)		98.9 %

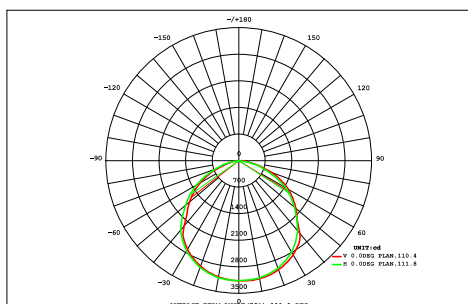
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:17 October 2018

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.700m [K=1.0000]
Remarks:

LED Javits Canopy Light 60W Data:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.1V I:0.2856A P:60.43W PF:0.9570 Freq:59.98Hz Lamp Flux:8957.51x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:146.53lm/W	
MODEL		Imax(cd)	3172
NOMINAL POWER(W)	60	AVAILABILITY(%)	97.3
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	8712
NOMINAL FLUX(lm)	8957.51	LOR(%)	98.9
LAMPS INSIDE	1	TOTAL FLUX(lm)	8855
TEST VOLTAGE(V)	220	θ @50% (H,V)	110,112DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm			Φ t	Φ a
	0.00	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00				
90	0.19	0.84	1.91	3.57	5.77	8.14	10.2	12.0	12.9	12.5	11.0	8.57	6.33	4.22	2.52	1.38	0.64	0.15	103	61.2	
80	0.18	1.07	3.29	7.20	12.6	18.0	22.8	27.8	29.5	28.8	26.0	20.5	14.9	9.59	5.09	2.11	0.72	0.15	230	219	
70	0.22	1.67	5.55	12.4	20.8	29.2	38.6	45.6	48.2	47.6	43.6	36.2	26.2	17.5	9.59	3.79	1.02	0.16	388	382	
60	0.27	2.40	8.20	17.7	28.6	40.1	53.2	60.5	64.0	63.3	58.7	50.5	37.3	25.1	14.5	5.90	1.46	0.18	532	529	
50	0.33	3.06	10.9	22.8	36.3	51.7	66.3	74.7	78.8	78.2	72.9	63.2	48.7	32.5	19.2	8.28	1.96	0.20	670	668	
40	0.37	3.61	12.8	26.0	40.8	59.0	73.7	83.1	87.7	87.2	81.6	71.2	56.3	37.6	22.7	10.1	2.41	0.22	757	755	
30	0.40	4.09	14.2	28.3	44.1	64.0	78.6	88.4	93.3	92.7	86.9	76.1	61.0	41.0	24.9	11.5	2.75	0.24	813	811	
-30	0.42	4.34	14.9	29.4	46.0	66.4	81.0	91.0	95.8	95.3	89.5	78.7	63.5	43.0	26.2	12.2	2.97	0.26	841	839	
	0.43	4.44	15.1	29.6	46.2	66.5	81.2	91.1	95.8	95.3	89.7	78.9	63.7	43.2	26.3	12.3	3.02	0.26	843	842	
	0.43	4.30	14.6	28.8	44.8	64.5	79.0	88.8	93.6	93.2	87.5	76.8	61.8	41.7	25.5	11.9	2.92	0.27	820	819	
	0.40	3.97	13.5	27.0	42.0	60.3	74.5	83.9	88.4	87.9	82.4	72.1	57.4	38.6	23.6	10.8	2.64	0.26	770	768	
	0.36	3.42	11.7	24.0	37.5	53.3	67.1	75.5	79.6	79.0	73.9	64.5	50.2	34.0	20.6	9.11	2.25	0.24	686	684	
-40	0.32	2.76	9.28	19.5	30.9	43.2	55.5	62.7	66.1	65.5	61.0	52.9	39.7	27.4	16.2	6.79	1.75	0.23	562	559	
-50	0.27	2.00	6.40	13.8	22.7	31.6	41.6	48.0	50.7	50.1	46.4	39.2	28.4	19.6	11.1	4.40	1.25	0.21	418	413	
-60	0.24	1.40	4.18	9.04	15.1	21.3	27.4	32.7	34.5	33.9	31.0	24.6	18.2	12.1	6.41	2.70	0.92	0.20	276	267	
-70	0.21	0.95	2.30	4.46	7.40	10.3	12.8	15.3	16.2	15.7	13.8	10.5	7.87	5.03	2.83	1.48	0.71	0.17	128	96.8	
-80	0.11	0.37	0.65	0.92	1.24	1.59	2.04	2.07	2.25	2.11	1.58	1.42	1.04	0.77	0.64	0.51	0.28	0.07	19.7	0.00	
-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90	
Φ t	5.16	44.7	150	304	483	689	865	983	1038	1028	957	826	642	433	258	115	29.7	3.47	8855	---	
Φ a	0.22	32.9	140	296	476	683	859	978	1032	1023	952	819	634	422	248	103	15.1	0.00	---	8712	

one-half-peak spread: U:57.2,D:55.1 , L:54.4,R:56.6 NEMA Beam Type: Type 7

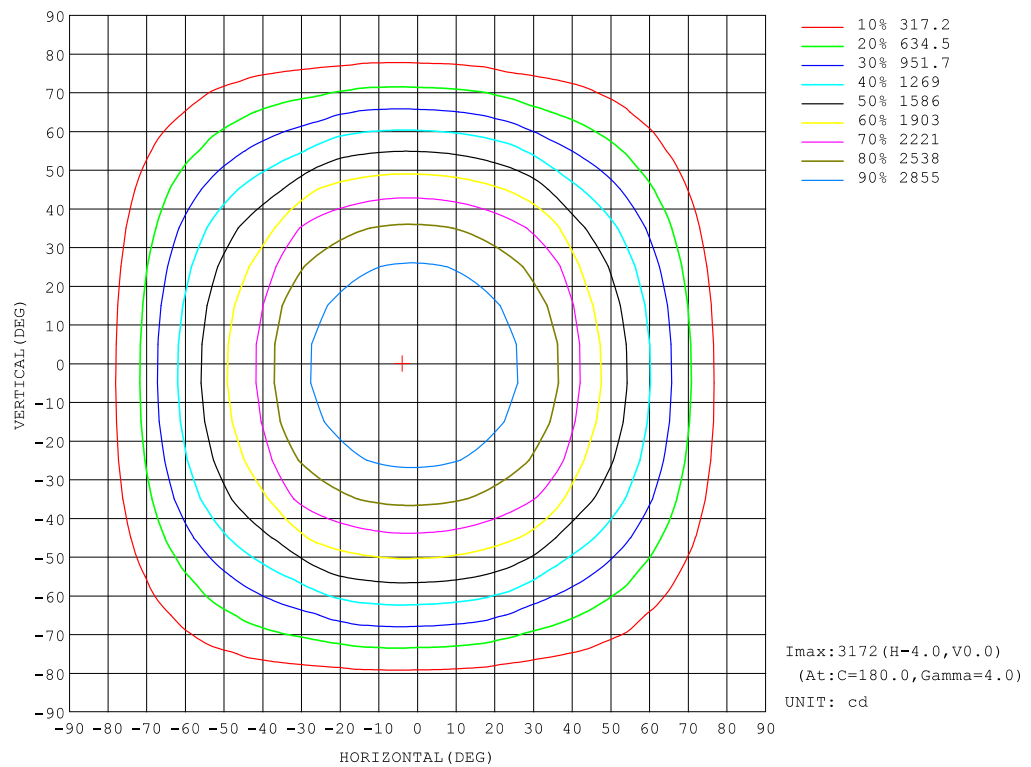
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:17 October 2018

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.700m [K=1.0000]
Remarks:

LED Javits Canopy Light 60W Data:

ISOCANDELA DIAGRAM

Test:U:221.1V I:0.2856A P:60.43W PF:0.9570 Freq:59.98Hz Lamp Flux:8957.51x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
	SUR.:	Shielding Angle:

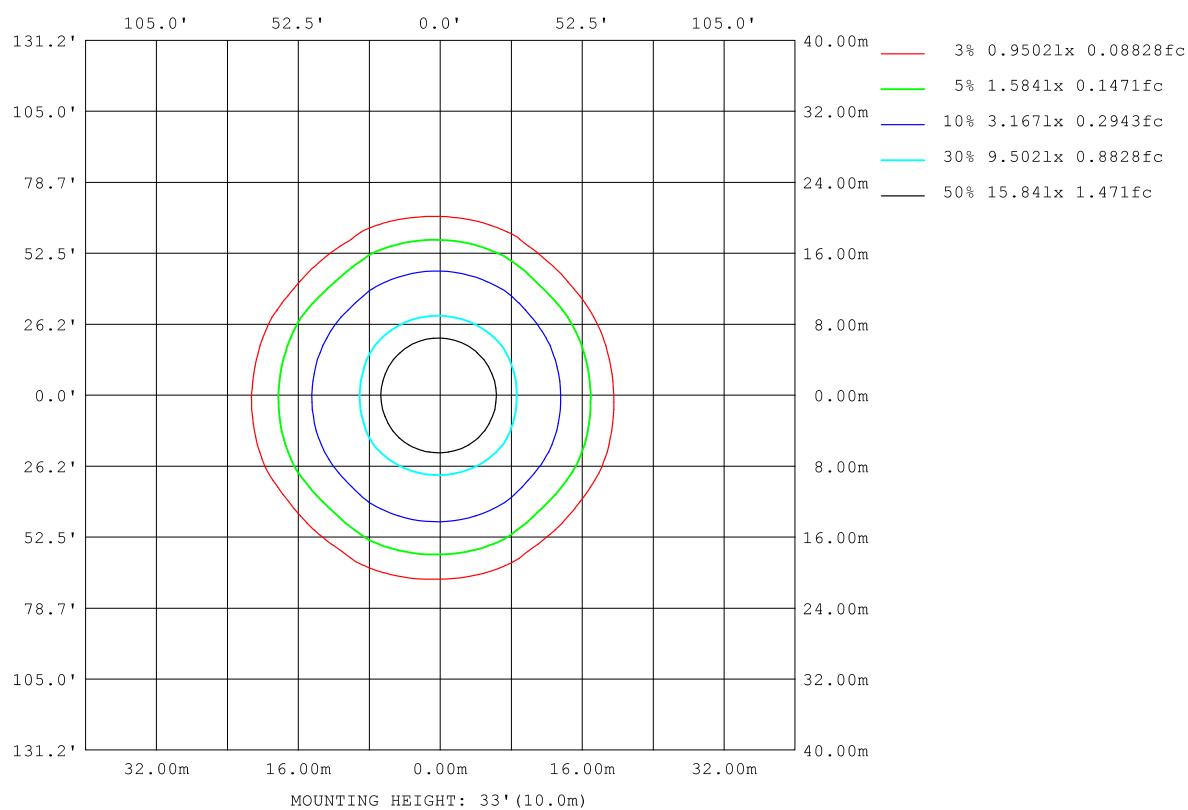


H(β) Range:-90 - 90DEG	V(B) Range:-80 - 80DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Temperature:25.3DEG	Humidity:65.0%
Operators:DAMIN	Test Distance:11.700m [K=1.0000]
Test Date:17 October 2018	Remarks:

LED Javits Canopy Light 60W Data:

ISOLUX DIAGRAM

Test:U:221.1V I:0.2856A P:60.43W PF:0.9570 Freq:59.98Hz Lamp Flux:8957.51x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
	SUR.:	Shielding Angle:

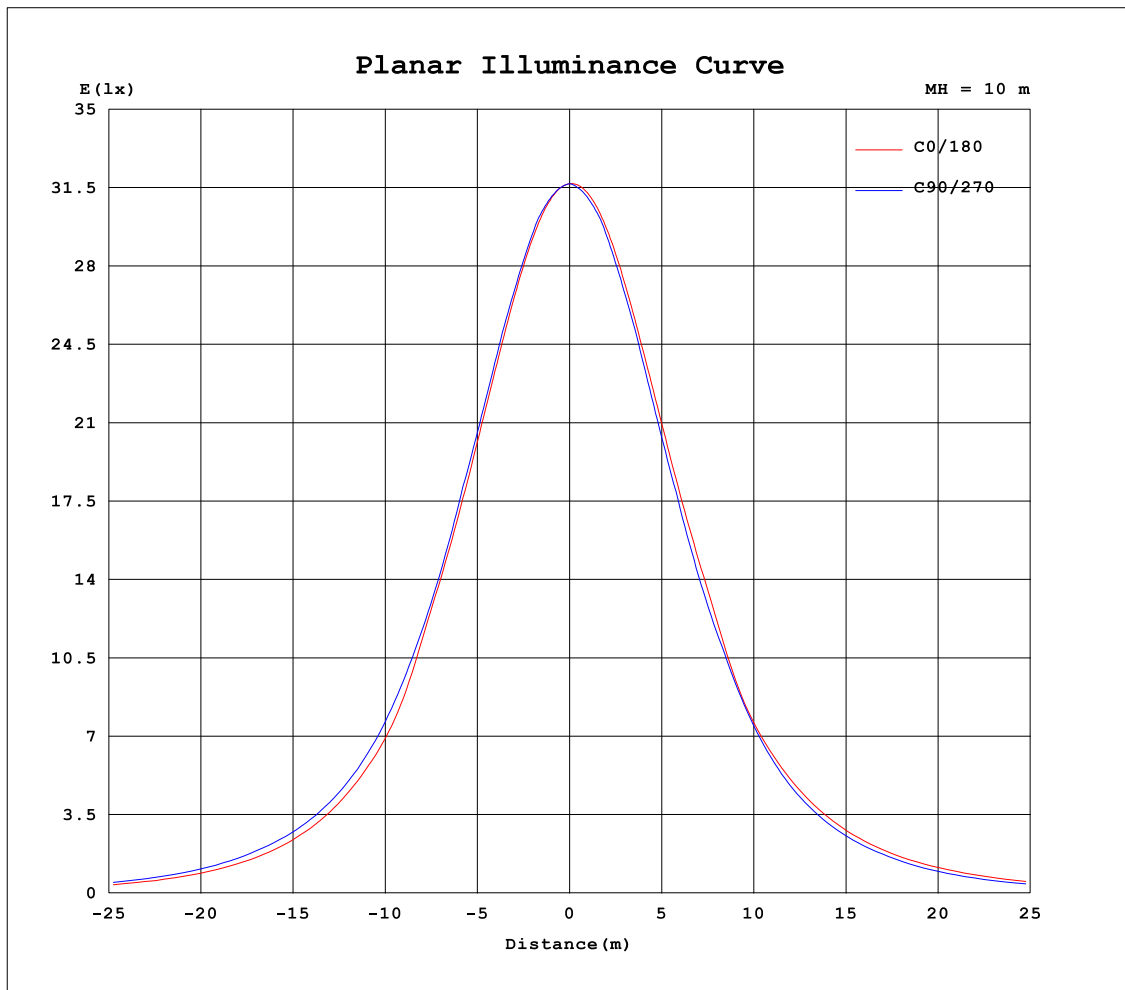


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:17 October 2018

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:11.700m [K=1.0000]
 Remarks:

LED Javits Canopy Light 60W Data:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:17 October 2018

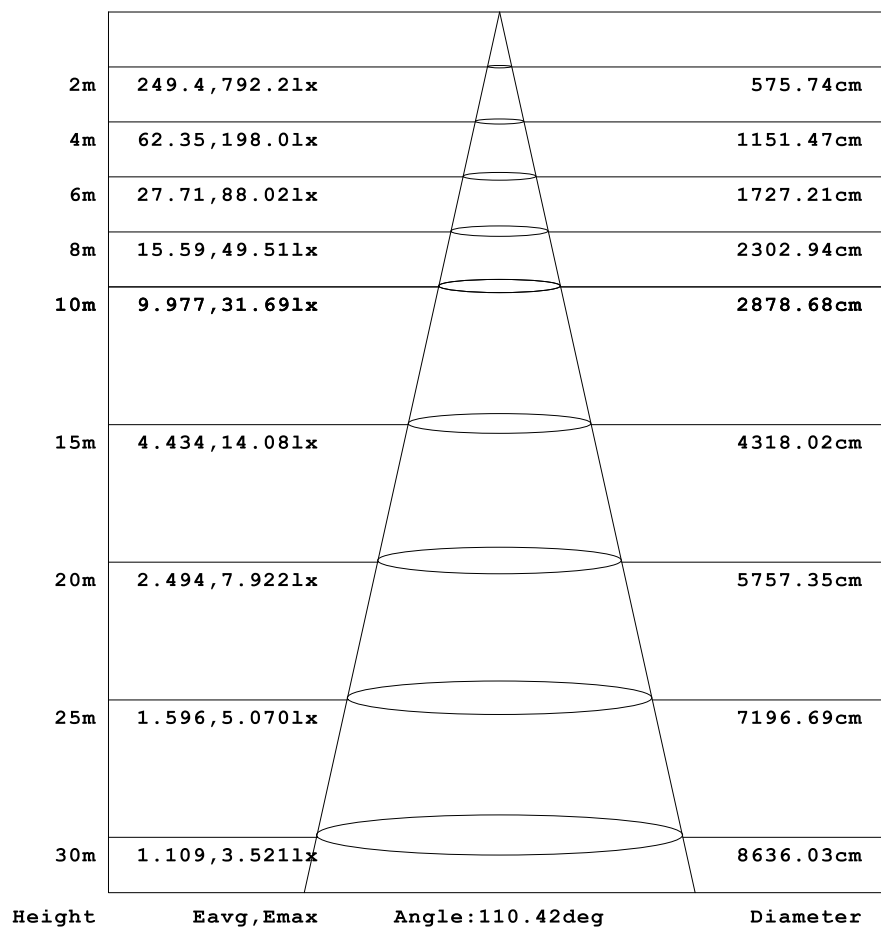
V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.700m [K=1.0000]
Remarks:

LED Javits Canopy Light 60W Data:

AAI Figure

Test:U:221.1V I:0.2856A P:60.43W PF:0.9570 Freq:59.98Hz Lamp Flux:8957.51x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
	SUR.:	Shielding Angle:

Flux out:6635 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:DAMIN
Test Date:17 October 2018

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.700m [K=1.0000]
Remarks:

Date: _____
Project: _____
Price: _____

LED Javits Canopy Light 60W Data:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.1V I:0.2856A P:60.43W PF:0.9570 Freq:59.98Hz Lamp Flux:8957.51x1 lm																		
										TYPE:					WEIGHT:			
SPEC.:										DIM.:					SERIAL No.:001			
										SUR.:					Shielding Angle:			

Table--1

UNIT: cd

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	63.0	73.4	89.6	101	112	125	137	154	169	190	207	221	242	255	262	267	283	282	280
-75	59.5	68.4	89.1	113	138	169	210	249	289	341	379	412	439	470	493	531	543	549	542
-70	61.3	76.8	110	144	191	241	312	379	437	527	578	625	664	704	756	803	813	814	801
-65	56.8	69.0	106	155	218	298	386	491	586	681	761	832	892	960	1039	1096	1114	1125	1118
-60	58.7	82.6	142	214	315	419	528	686	800	903	1003	1090	1164	1297	1372	1405	1427	1435	1427
-55	53.9	70.2	129	212	327	455	611	765	905	1031	1146	1249	1357	1489	1584	1629	1660	1677	1674
-50	55.8	91.2	181	303	445	596	803	961	1114	1252	1376	1482	1665	1777	1836	1880	1910	1920	1914
-45	49.8	72.3	160	290	454	651	870	1058	1232	1388	1527	1662	1851	1987	2058	2111	2149	2168	2168
-40	53.6	104	230	411	600	869	1091	1299	1479	1639	1780	1987	2172	2258	2325	2377	2409	2421	2415
-35	46.5	74.5	190	367	568	845	1092	1317	1517	1696	1856	2070	2291	2398	2480	2543	2586	2608	2610
-30	51.9	117	267	482	733	1024	1280	1501	1702	1885	2074	2365	2505	2609	2690	2748	2786	2801	2796
-25	44.9	78.3	211	421	663	975	1244	1485	1701	1896	2086	2379	2559	2674	2766	2835	2881	2907	2911
-20	50.1	131	303	539	851	1144	1409	1646	1859	2051	2316	2577	2710	2819	2903	2964	3003	3020	3018
-15	43.9	83.5	224	455	732	1057	1339	1589	1816	2020	2248	2561	2717	2837	2932	3004	3052	3078	3083
-10	48.1	135	318	570	900	1205	1475	1721	1942	2143	2453	2688	2826	2938	3025	3087	3127	3144	3141
-5	43.0	88.0	228	468	766	1094	1379	1634	1866	2077	2334	2640	2793	2915	3011	3083	3131	3155	3157
0	46.1	135	319	570	914	1223	1490	1739	1966	2175	2500	2726	2864	2975	3060	3123	3161	3172	3167
5	42.5	89.0	223	460	756	1082	1366	1624	1858	2071	2325	2634	2788	2909	3005	3078	3127	3151	3154
10	45.9	129	305	551	882	1181	1451	1701	1926	2129	2434	2678	2816	2927	3014	3078	3118	3137	3134
15	41.5	85.9	212	434	707	1027	1305	1560	1789	1995	2218	2534	2698	2820	2916	2989	3038	3065	3071
20	47.7	123	282	510	820	1102	1368	1608	1822	2016	2268	2546	2684	2795	2881	2945	2985	3003	3000
25	40.6	79.9	195	391	625	933	1193	1434	1654	1849	2035	2321	2521	2641	2735	2806	2853	2879	2885
30	49.4	113	242	444	682	974	1217	1444	1647	1828	2004	2300	2460	2568	2651	2711	2748	2765	2761
35	42.7	72.3	169	331	523	786	1030	1248	1453	1633	1796	1998	2239	2361	2447	2512	2555	2578	2580
40	50.3	101	205	368	547	813	1022	1222	1409	1573	1722	1911	2134	2229	2300	2353	2386	2398	2391
45	45.8	64.9	141	259	413	593	805	984	1154	1310	1450	1582	1766	1924	2003	2058	2097	2118	2116
50	50.1	81.5	160	271	406	544	736	886	1028	1164	1283	1389	1545	1691	1754	1799	1830	1841	1831
55	46.8	58.3	112	185	288	405	544	681	817	942	1050	1151	1244	1375	1483	1531	1561	1577	1576
60	49.4	65.8	118	179	268	360	457	599	710	810	900	984	1051	1153	1257	1290	1308	1317	1310
65	47.0	54.4	85.6	126	178	249	322	409	498	582	662	727	780	831	916	968	989	997	991
70	48.6	58.9	86.5	114	151	192	248	301	353	430	476	517	546	581	611	670	678	676	662
75	47.0	52.2	68.4	87.9	107	132	163	195	228	262	303	329	351	374	391	422	434	439	432
80	47.6	55.2	68.3	76.7	84.5	93.9	103	115	125	137	150	160	170	183	186	189	197	198	193
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:DAMIN
Test Date:17 October 2018

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.700m [K=1.0000]
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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.1V I:0.2856A P:60.43W PF:0.9570 Freq:59.98Hz Lamp Flux:8957.51x1 lm																	
									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:001		
									SUR.:						Shielding Angle:		

Table--2

UNIT: cd

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	272	252	236	225	209	185	170	151	136	122	111	103	95.7	88.8	80.7	63.6	57.6	55.4	
-75	536	521	497	456	414	376	343	307	266	219	187	155	130	109	95.1	80.2	62.8	56.1	
-70	788	769	737	645	590	541	487	432	351	290	238	185	146	117	98.9	82.3	59.0	54.5	
-65	1107	1085	1053	991	909	810	742	665	579	482	394	298	228	164	122	96.0	70.6	55.2	
-60	1410	1379	1334	1274	1134	1027	936	833	722	606	461	351	256	174	122	90.5	62.7	52.8	
-55	1662	1635	1592	1534	1449	1315	1170	1059	938	808	668	513	367	255	165	111	75.5	53.3	
-50	1897	1861	1809	1739	1656	1476	1319	1189	1053	902	740	548	386	262	158	101	64.8	50.3	
-45	2155	2125	2077	2010	1926	1811	1615	1438	1291	1131	955	763	553	370	228	130	78.5	51.1	
-40	2394	2355	2297	2218	2120	2002	1751	1571	1405	1225	1019	807	549	363	204	112	64.4	47.8	
-35	2595	2563	2511	2438	2344	2228	2057	1794	1607	1418	1212	987	748	482	297	153	82.0	48.9	
-30	2775	2734	2672	2588	2480	2347	2150	1853	1662	1452	1228	981	725	444	255	124	64.0	45.6	
-25	2897	2864	2810	2732	2632	2505	2352	2078	1822	1615	1389	1142	878	581	349	172	85.6	46.6	
-20	2998	2957	2891	2802	2689	2550	2379	2060	1822	1599	1359	1096	816	505	286	130	62.4	43.5	
-15	3070	3038	2982	2902	2799	2670	2514	2276	1957	1737	1499	1241	959	658	382	184	86.9	44.0	
-10	3121	3080	3015	2925	2812	2672	2503	2207	1917	1688	1438	1169	873	545	306	135	64.1	41.1	
-5	3145	3114	3059	2980	2876	2747	2589	2370	2021	1790	1546	1282	997	692	393	186	85.1	41.2	
0	3150	3110	3046	2957	2844	2704	2532	2243	1935	1701	1447	1178	880	548	301	131	62.6	38.7	
5	3141	3108	3053	2973	2868	2739	2580	2361	2009	1777	1533	1271	987	681	383	181	81.6	38.7	
10	3111	3067	3001	2911	2796	2653	2484	2187	1891	1662	1416	1145	853	522	292	125	61.3	36.8	
15	3056	3020	2963	2881	2776	2645	2487	2247	1920	1700	1464	1205	929	624	355	168	77.6	37.0	
20	2978	2933	2865	2773	2658	2517	2343	2016	1773	1553	1313	1049	775	465	259	113	56.8	35.7	
25	2870	2836	2778	2697	2593	2463	2306	2027	1763	1558	1332	1082	825	530	312	148	73.5	36.4	
30	2740	2698	2633	2544	2431	2292	2093	1786	1593	1386	1154	912	656	393	217	101	54.0	35.7	
35	2565	2530	2475	2398	2297	2174	1996	1723	1529	1340	1129	907	674	422	252	124	68.7	36.4	
40	2367	2323	2260	2177	2070	1941	1679	1489	1319	1128	927	723	477	307	166	87.4	49.9	36.6	
45	2101	2068	2016	1946	1856	1736	1531	1345	1195	1036	859	678	479	312	185	101	62.4	37.1	
50	1814	1776	1720	1648	1557	1382	1215	1081	949	803	644	469	322	211	123	78.2	46.9	37.9	
55	1561	1533	1486	1423	1340	1206	1057	947	829	708	574	433	302	205	128	83.8	55.8	38.2	
60	1291	1257	1203	1141	1014	904	813	719	615	510	378	281	201	132	90.4	67.9	43.6	39.0	
65	979	956	918	859	786	693	626	556	476	394	315	232	174	124	90.6	71.1	49.7	39.3	
70	651	628	596	517	473	430	383	335	265	218	177	134	105	85.2	72.6	59.4	40.4	39.9	
75	425	412	388	355	319	290	261	232	197	162	138	113	94.0	79.6	69.7	57.4	43.5	40.1	
80	190	176	164	156	144	126	116	104	94.4	86.7	80.4	75.3	70.1	65.3	58.3	43.4	40.3	40.5	
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:DAMIN
Test Date:17 October 2018

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.700m [K=1.0000]
Remarks:



Date:	_____
Project:	_____
Price:	_____

LED Javits Canopy Light 100W Data:

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

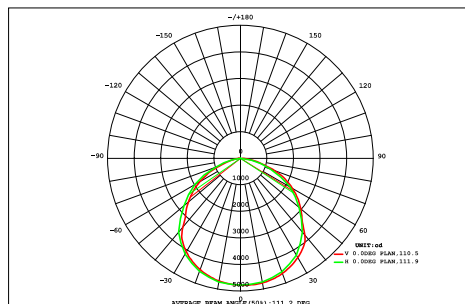
Maximum Intensity		357.9 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	156.8V x 154.7H
	At 50% of Imax	111.9V x 110.5H
	At 90% of Imax	54.4V x 54.9H
Beam Flux	Total	998.0 lumens per klm.
	To 10% of Imax	981.4 lumens per klm.
	To 50% of Imax	749.0 lumens per klm.
	To 90% of Imax	235.6 lumens per klm.
Upward LOR		0.0 %
Downward LOR		99.8 %
Luminaire Efficiency Light Output Ratio		100.0 %

H(β) Range:-90 - 90DEG	V(B) Range:-80 - 80DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Temperature:25.3DEG	Humidity:65.0%
Operators:DAMIN	Test Distance:11.700m [K=1.0000]
Test Date:17 October 2018	Remarks:

LED Javits Canopy Light 100W Data:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:221.1V I:0.4593A P:99.50W PF:0.9796 Freq:59.98Hz Lamp Flux:13361.5x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:134.27lm/W	
MODEL		Imax (cd)	4782
NOMINAL POWER(W)	100	AVAILABILITY(%)	98.4
RATED VOLTAGE (V)	220	Avai. FLUX(lm)	13145
NOMINAL FLUX(lm)	13361.5	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	13359
TEST VOLTAGE (V)	220	0 50% (H,V)	110,112DEG

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	0.29	1.27	2.89	5.43	8.77	12.4	15.5	18.2	19.7	19.0	16.7	13.0	9.60	6.38	3.82	2.08	0.97	0.23	156	93.9
70	0.27	1.64	5.03	11.1	19.3	27.6	35.0	42.7	45.2	44.2	39.8	31.3	22.7	14.6	7.76	3.20	1.08	0.22	353	336
60	0.34	2.54	8.46	18.9	31.6	44.4	58.6	69.1	73.1	72.2	66.3	55.0	39.8	26.6	14.6	5.77	1.54	0.24	589	581
50	0.42	3.66	12.5	26.9	43.4	60.8	80.7	91.7	97.0	96.0	89.0	76.5	56.6	38.1	22.1	8.96	2.21	0.27	807	802
40	0.49	4.67	16.6	34.6	55.0	78.3	100	113	119	118	110	95.7	73.7	49.3	29.2	12.6	2.97	0.30	1015	1011
30	0.56	5.49	19.5	39.4	61.6	89.1	111	125	132	132	123	108	85.0	56.8	34.3	15.4	3.64	0.34	1143	1140
20	0.61	6.20	21.5	42.7	66.7	96.6	119	133	141	140	131	115	92.0	61.9	37.7	17.3	4.17	0.36	1226	1224
10	0.64	6.58	22.5	44.4	69.4	100	122	137	145	144	135	119	95.7	64.8	39.5	18.5	4.50	0.39	1268	1266
0	0.65	6.72	22.8	44.6	69.7	100	122	137	144	144	135	119	96.0	65.0	39.7	18.6	4.58	0.40	1271	1268
-10	0.65	6.50	22.0	43.4	67.6	97.1	119	134	141	140	132	116	93.0	62.8	38.5	17.9	4.42	0.40	1236	1234
-20	0.61	5.99	20.4	40.6	63.2	90.7	112	126	133	132	124	109	86.3	58.1	35.6	16.2	3.99	0.39	1159	1156
-30	0.55	5.17	17.7	36.1	56.4	80.1	101	114	120	119	111	96.9	75.4	51.1	31.0	13.7	3.39	0.37	1032	1029
-40	0.49	4.18	14.0	29.3	46.5	64.8	83.3	94.1	99.2	98.3	91.6	79.3	59.5	41.1	24.4	10.2	2.64	0.34	843	839
-50	0.41	3.02	9.64	20.8	34.1	47.5	62.5	72.1	76.2	75.3	69.7	58.9	42.7	29.4	16.6	6.62	1.87	0.32	628	621
-60	0.36	2.11	6.30	13.6	22.7	32.0	41.1	48.9	51.8	50.8	46.5	36.8	27.3	18.1	9.59	4.06	1.37	0.30	414	401
-70	0.32	1.43	3.47	6.68	11.1	15.3	19.0	22.8	24.2	23.4	20.6	15.7	11.8	7.47	4.22	2.22	1.07	0.26	191	144
-80	0.16	0.56	0.98	1.37	1.86	2.37	3.04	3.09	3.35	3.13	2.36	2.09	1.52	1.15	0.97	0.76	0.43	0.11	29.3	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	7.82	67.7	226	460	729	1040	1306	1483	1565	1551	1444	1245	969	653	389	174	44.9	5.22	13359	---
Φ a	0.39	50.0	212	448	718	1030	1296	1475	1557	1543	1435	1235	956	637	375	156	22.9	0.00	---	13145

one-half-peak spreap : U: 7.1,D: .4 , L: 4. ,R: 6.6 NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:17 October 2018

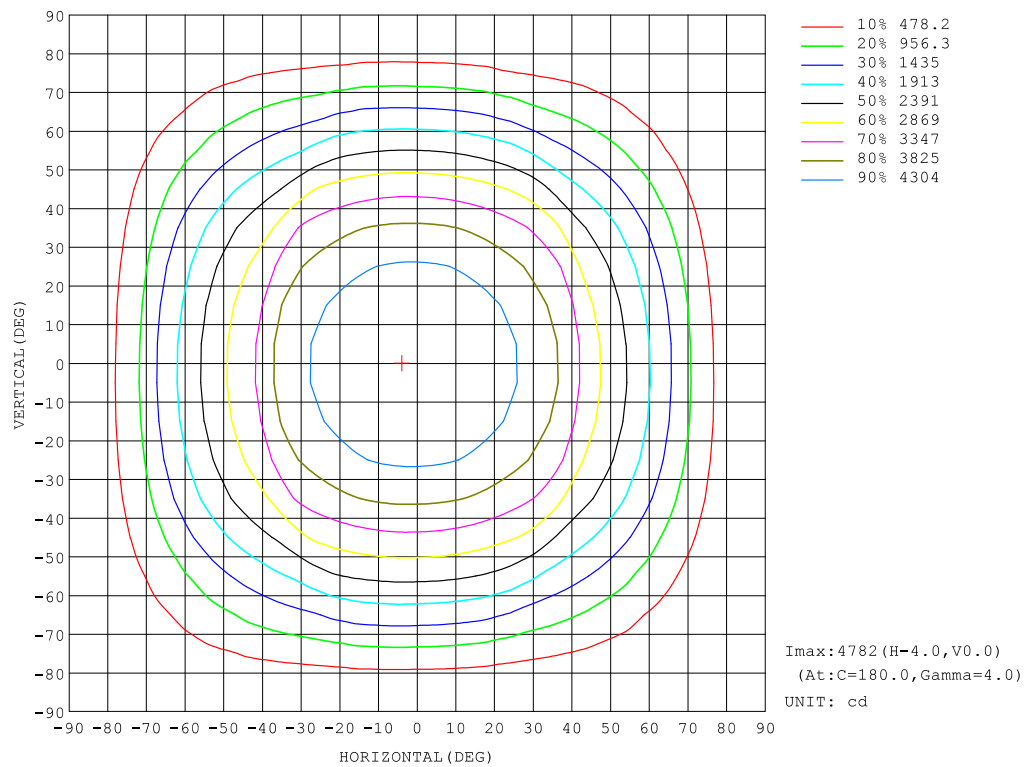
V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.700m [K=1.0000]
Remarks:

Date:	_____
Project:	_____
Price:	_____

LED Javits Canopy Light 100W Data:

ISOCANDELA DIAGRAM

Test:U:221.1V I:0.4593A P:99.50W PF:0.9796 Freq:59.98Hz Lamp Flux:13361.5x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
	SUR.:	Shielding Angle:

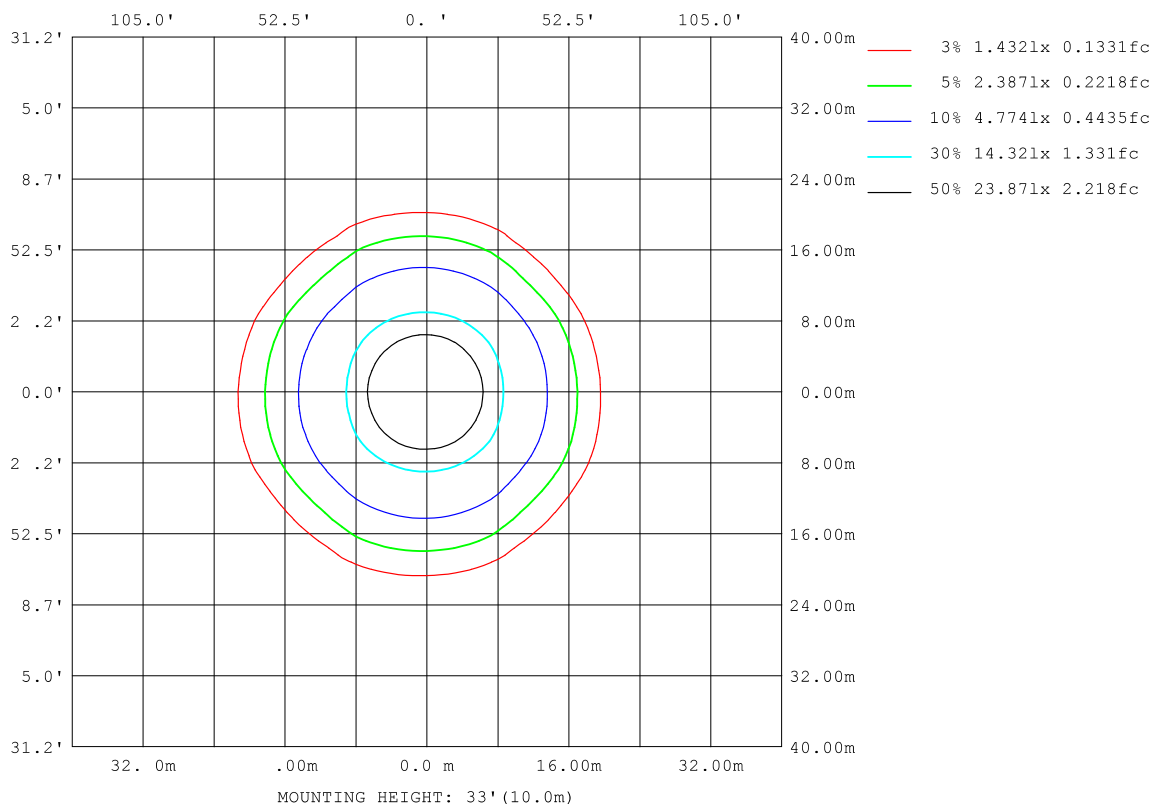


H(β) Range:-90 - 90DEG	V(B) Range:-80 - 80DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Temperature:25.3DEG	Humidity:65.0%
Operators:DAMIN	Test Distance:11.700m [K=1.0000]
Test Date:17 October 2018	Remarks:

LED Javits Canopy Light 100W Data:

ISOLUX DIAGRAM

Test:U:221.1V I:0.4593A P:99.50W PF:0.9796 Freq:59.98Hz Lamp Flux:13361.5x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
	SUR.:	Shielding Angle:

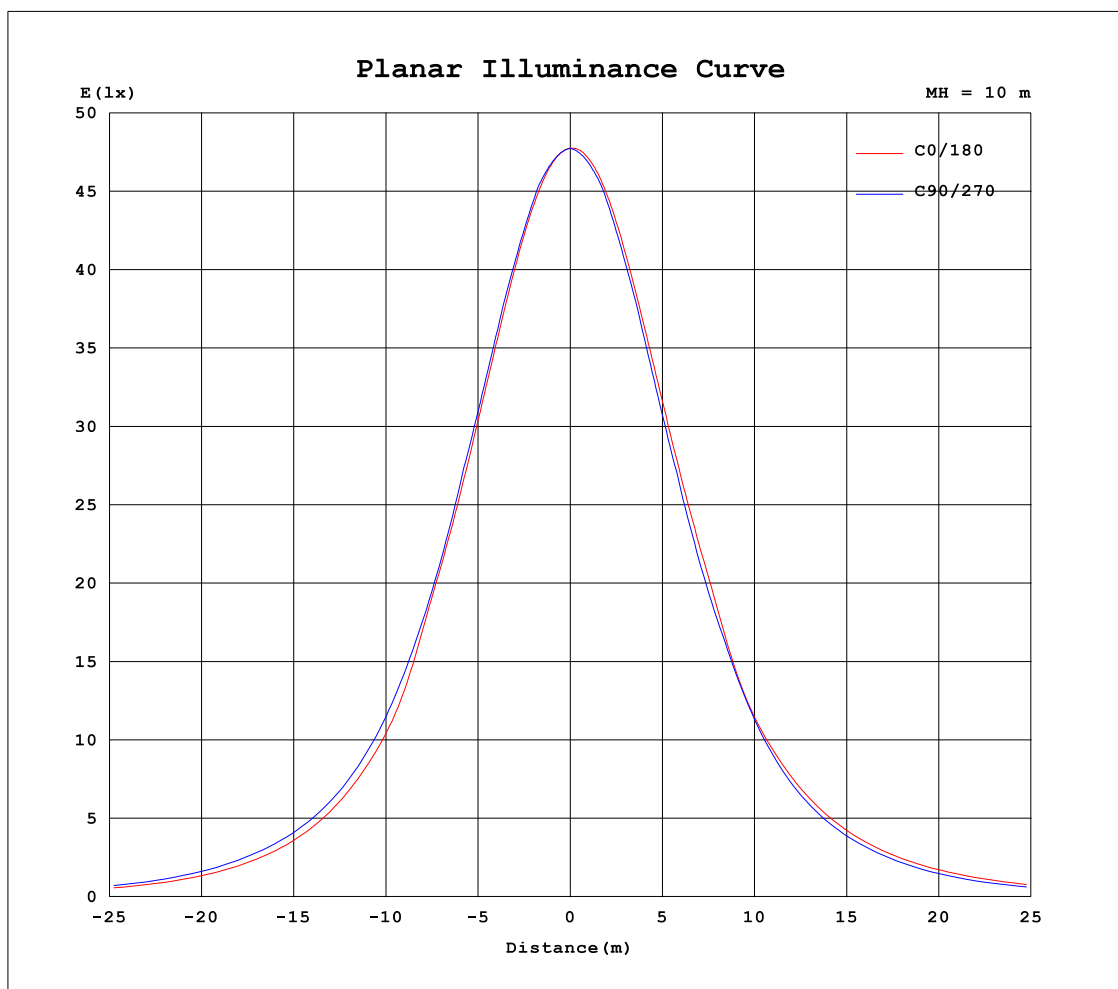


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:17 October 2018

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.700m [K=1.0000]
Remarks:

LED Javits Canopy Light 100W Data:

Planar Illuminance Curve



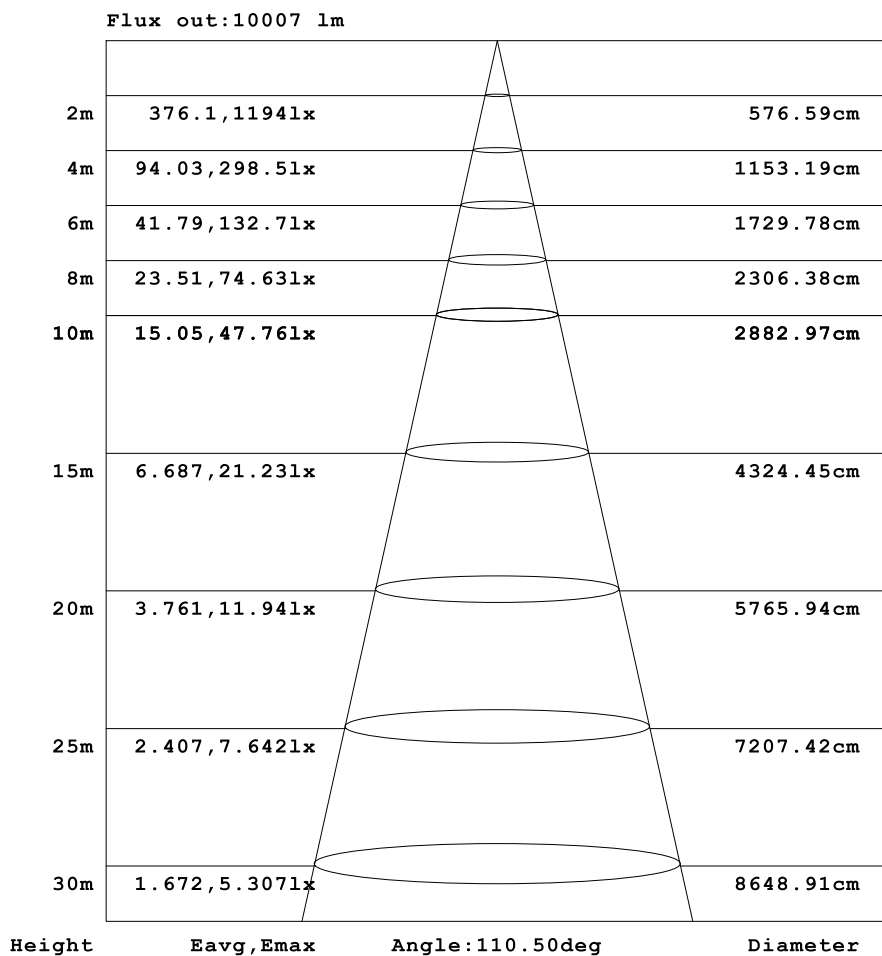
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:17 October 2018

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.700m [K=1.0000]
Remarks:

LED Javits Canopy Light 100W Data:

AAI Figure

Test:U:221.1V I:0.4593A P:99.50W PF:0.9796 Freq:59.98Hz Lamp Flux:13361.5x1 lm		
	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
	SUR.:	Shielding Angle:



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:DAMIN
Test Date:17 October 2018

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.700m [K=1.0000]
Remarks:

LED Javits Canopy Light 100W Data:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.1V I:0.4593A P:99.50W PF:0.9796 Freq:59.98Hz Lamp Flux:13361.5x1 lm																	
NAME: BR-GS100W-01-G5-120D									TYPE:			WEIGHT:					
SPEC.:									DIM.:			SERIAL No.:001					
MFR.: EVERFINE									SUR.:			Shielding Angle:					

Table--1																UNIT: cd				
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	95.4	111	135	152	169	188	205	230	252	286	309	331	362	381	391	397	422	421	417	
-75	90.0	103	135	170	208	254	316	375	433	509	567	615	655	701	736	792	809	820	809	
-70	92.7	116	165	216	288	364	472	568	655	789	864	934	991	1050	1127	1199	1213	1215	119	
-65	85.9	104	159	234	327	448	584	741	879	1021	1141	1247	1337	1436	1557	1641	1670	1686	1675	
-60	88.9	125	213	322	474	630	800	1034	1202	1357	1507	1636	1748	1946	2060	2110	2143	2154	2142	
-55	81.5	106	195	321	492	685	922	1153	1361	1550	1723	1878	2039	2237	2381	2448	2494	2519	2515	
-50	84.5	138	274	458	671	898	1210	1448	1677	1884	2069	2231	2502	2672	2762	2827	2872	2886	2877	
-45	75.5	109	242	437	686	978	1310	1593	1853	2088	2295	2498	2780	2985	3091	3171	3227	3256	3255	
-40	81.2	157	347	620	910	1310	1641	1953	2223	2463	2674	2982	3261	3390	3490	3566	3613	3631	3623	
-35	70.4	113	287	555	860	1271	1644	1982	2283	2552	2792	3112	3444	3605	3728	3821	3885	3919	3921	
-30	78.5	177	406	729	1106	1544	1928	2262	2564	2840	3122	3559	3770	3926	4048	4135	4192	4215	4208	
-25	68.1	118	320	639	996	1471	1876	2238	2563	2856	3142	3582	3853	4026	4164	4268	4338	4376	4381	
-20	75.9	198	456	820	1283	1725	2124	2481	2803	3091	3488	3882	4082	4246	4372	4464	4523	4548	4545	
-15	66.5	126	340	690	1101	1594	2021	2397	2739	3046	3388	3858	4094	4275	4418	4525	4597	4637	4644	
-10	72.8	205	483	863	1360	1820	2225	2596	2929	3232	3696	4051	4260	4428	4557	4651	4712	4737	4733	
-5	65.2	133	346	711	1155	1652	2082	2466	2816	3134	3519	3980	4211	4394	4538	4646	4719	4755	4758	
0	69.9	205	483	869	1382	1849	2250	2624	2966	3281	3769	4110	4318	4484	4614	4708	4765	4782	4774	
5	64.4	135	339	700	1142	1637	2065	2452	2805	3125	3507	3974	4206	4388	4533	4642	4716	4752	4756	
10	69.4	196	465	835	1337	1788	2194	2571	2910	3215	3674	4041	4249	4416	4548	4644	4706	4733	4728	
15	63.0	130	323	659	1066	1555	1975	2358	2704	3014	3349	3826	4073	4256	4400	4510	4585	4626	4634	
20	72.1	186	429	779	1241	1669	2069	2432	2754	3046	3426	3845	4053	4219	4349	4444	4505	4533	4528	
25	61.7	121	296	594	944	1414	1806	2172	2503	2795	3076	3507	3809	3989	4131	4237	4309	4348	4356	
30	74.8	172	370	675	1037	1476	1844	2187	2493	2765	3032	3478	3718	3879	4006	4095	4151	4177	4172	
35	64.8	110	258	504	799	1196	1562	1894	2203	2474	2719	3026	3390	3572	3703	3801	3866	3901	3905	
40	76.3	153	312	559	838	1236	1552	1856	2138	2385	2612	2899	3235	3378	3487	3567	3617	3636	3625	
45	69.4	98.3	215	396	631	905	1224	1495	1753	1989	2200	2400	2679	2918	3036	3121	3180	3210	3208	
50	76.0	124	243	417	619	828	1120	1347	1562	1768	1948	2107	2346	2564	2659	2728	2775	2790	2776	
55	71.0	88.3	170	283	439	617	829	1041	1246	1433	1597	1749	1891	2089	2252	2324	2369	2394	2391	
60	75.0	99.8	178	273	410	549	699	919	1081	1234	1371	1499	1600	1757	1912	1961	1989	2003	1992	
65	71.3	82.5	130	192	271	380	492	630	764	891	1013	1113	1194	1271	1400	1480	1511	1523	1514	
70	73.7	89.3	131	173	230	293	382	464	544	663	735	799	843	896	943	1035	1046	1043	1020	
75	71.5	79.1	104	133	162	201	249	298	348	401	463	504	537	572	599	647	664	672	660	
80	72.3	83.7	103	116	127	140	155	171	188	205	225	238	253	273	278	283	293	296	288	
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:DAMIN
Test Date:17 October 2018

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.700m [K=1.0000]
Remarks:

LED Javits Canopy Light 100W Data:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.1V I:0.4593A P:99.50W PF:0.9796 Freq:59.98Hz Lamp Flux:13361.5x1 lm																		
NAME: BR-GS100W-01-G5-120D									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:001				
MFR.: EVERFINE									SUR.:					Shielding Angle:				

Table--2

UNIT: cd

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	405	374	353	335	311	275	253	225	203	182	167	155	144	134	121	95.4	86.9	83.7	
-75	800	777	741	679	620	563	514	459	396	326	280	231	194	164	143	120	94.5	84.7	
-70	1178	1149	1099	967	886	813	731	645	522	432	355	276	217	176	149	124	88.9	82.4	
-65	1659	1626	1577	1483	1363	1216	1114	997	866	722	589	446	342	246	183	144	106	83.4	
-60	2117	2070	2002	1912	1698	1540	1405	1251	1083	910	689	527	387	262	183	136	94.5	79.8	
-55	2497	2457	2392	2304	2175	1973	1757	1590	1408	1214	1002	773	553	383	248	166	114	80.6	
-50	2851	2798	2718	2613	2489	2213	1982	1786	1582	1355	1112	826	579	392	237	152	97.6	76.0	
-45	3236	3191	3120	3018	2892	2718	2423	2159	1939	1700	1436	1150	831	556	345	196	118	77.3	
-40	3592	3534	3446	3328	3181	3003	2625	2358	2110	1841	1532	1213	824	547	310	169	97.3	72.5	
-35	3900	3851	3774	3664	3522	3347	3088	2693	2415	2134	1823	1484	1124	726	448	230	124	74.1	
-30	4176	4114	4021	3894	3730	3530	3228	2785	2500	2186	1848	1475	1092	671	382	185	96.6	69.1	
-25	4362	4312	4230	4113	3961	3771	3539	3123	2742	2432	2092	1721	1323	876	526	259	129	70.6	
-20	4515	4452	4354	4220	4049	3841	3582	3099	2745	2411	2049	1652	1231	762	434	196	94.4	65.8	
-15	4625	4576	4492	4372	4216	4022	3786	3425	2947	2618	2260	1872	1446	998	577	277	131	66.7	
-10	4703	4641	4542	4408	4237	4025	3771	3321	2889	2545	2167	1763	1316	828	461	203	96.6	62.3	
-5	4740	4693	4610	4491	4335	4140	3901	3568	3044	2699	2331	1935	1503	1050	594	282	128	62.4	
0	4748	4688	4592	4458	4287	4076	3817	3376	2917	2566	2183	1778	1328	827	457	197	94.6	58.7	
5	4736	4686	4603	4483	4326	4130	3890	3557	3028	2682	2315	1918	1489	1034	579	273	123	58.6	
10	4693	4627	4528	4392	4218	4003	3747	3295	2855	2510	2138	1729	1290	794	440	188	92.5	55.7	
15	4612	4558	4471	4348	4190	3992	3752	3389	2898	2568	2212	1821	1404	950	538	253	117	56.1	
20	4495	4427	4324	4187	4012	3798	3536	3041	2678	2347	1985	1587	1173	703	396	170	85.9	54.0	
25	4334	4282	4196	4074	3916	3720	3482	3059	2663	2354	2014	1637	1249	803	472	223	111	55.1	
30	4140	4077	3979	3844	3673	3463	3161	2699	2408	2097	1747	1381	999	594	328	151	81.5	54.1	
35	3882	3829	3746	3629	3477	3290	3022	2608	2315	2031	1712	1377	1025	642	383	187	104	55.0	
40	3589	3523	3428	3302	3140	2945	2548	2259	2002	1715	1411	1101	726	468	252	132	75.5	55.4	
45	3186	3136	3057	2951	2814	2632	2323	2040	1813	1574	1306	1035	728	473	280	152	94.3	56.1	
50	2750	2693	2609	2499	2361	2094	1843	1639	1441	1221	984	719	488	319	186	118	70.9	57.3	
55	2370	2327	2255	2160	2035	1830	1606	1439	1260	1077	873	663	459	311	193	126	84.4	57.8	
60	1963	1912	1831	1736	1543	1375	1238	1095	938	776	575	429	305	201	137	103	66.0	59.0	
65	1495	1460	1403	1312	1201	1057	955	850	727	600	480	355	265	187	137	107	75.3	59.5	
70	1005	969	918	796	728	660	587	513	405	332	270	204	159	129	110	90.0	61.1	60.6	
75	650	630	594	543	487	442	398	353	300	246	210	171	142	120	105	86.6	65.9	60.8	
80	283	261	244	231	212	187	173	155	141	130	121	113	106	98.6	87.5	65.1	61.1	61.4	
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	
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:DAMIN
Test Date:17 October 2018

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:11.700m [K=1.0000]
Remarks: