

ZANIBONI[®] LIGHTING

Filename: W3-KA4DSS-3630A-6C-SS-0

Manufacturer: Zaniboni Lighting

Luminaire: W3-KA4DSS-3630A-6C-SS-0

Luminaire Cat: W3-KA4DSS-3630A-6C-SS-0

Lamp: WHITE 3K 80 60 DEG CLEAR

Lamp Output: Total luminaire Lumens: 2275.9

Max Candela: 2,784.8 at Horizontal: 0°, Vertical: 0°

Input Wattage: 18

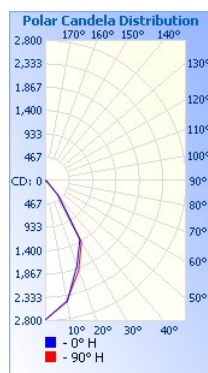
Luminous Opening: Circular (Dia: 3.54")

Test: KAILA 4D SS V13 506mA 18W

Test Lab: Zaniboni Light

Photometry: Type C

Nema Type: 5 X 5



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.5
Max Cd, 80 to <90 Deg:	4.4
Lumens % Lamp	
Downward Street Side:	1,148.7 50.5%
Downward House Side:	1,146.9 50.4%
Downward Total:	2,295.6 100.9%
Total Lumens:	2,295.6 100.9%

Flood Summary

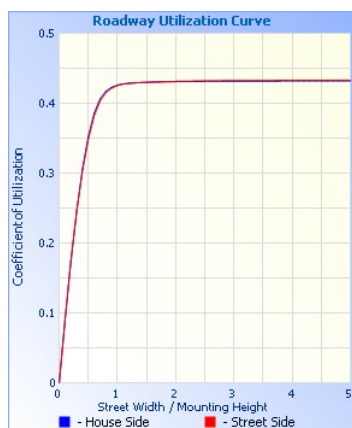
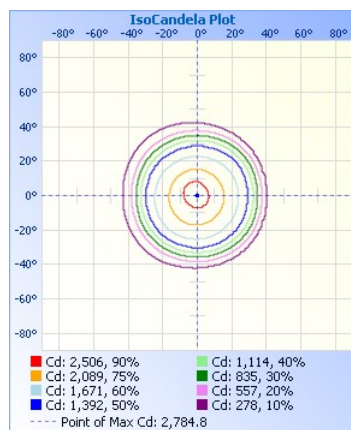
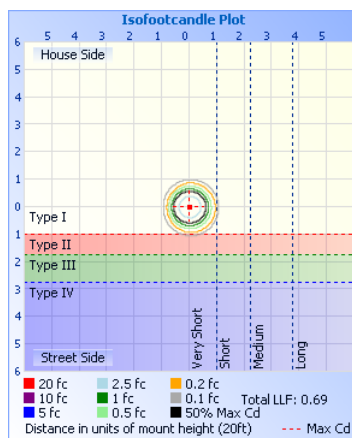
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	94.6%	2,154.0	83.2	84.3
Beam (50%):	67.8%	1,542.3	59.2	59.5
Total:	100.8%	2,294.3		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,575.5	69.2%
0-40	2,093.6	92%
0-60	2,255.7	99.1%
60-90	20.2	0.9%
0-90	2,275.9	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	238.6	10.5%
10-20	594.1	26.1%
20-30	742.8	32.6%
30-40	518.1	22.8%
40-50	138.4	6.1%
50-60	23.7	1.0%
60-70	12.5	0.5%
70-80	6.1	0.3%
80-90	1.6	0.1%



	Center Beam fc	Beam Width
5.0R	111 fc	5.7 ft 5.7 ft
10.0R	27.8 fc	11.4 ft 11.4 ft
15.0R	12.4 fc	17.1 ft 17.0 ft
20.0R	6.96 fc	22.9 ft 22.7 ft
25.0R	4.46 fc	28.6 ft 28.4 ft
30.0R	3.09 fc	34.3 ft 34.1 ft

■ Vert. Spread: 59.5°
 ■ Horiz. Spread: 59.2°

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	20	50	30	0	20	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.00	
1	1.13	1.11	1.08	1.06	1.11	1.08	1.06	.94	1.04	1.03	1.01		1.01	.99	.98	.97	.96	.95	.93		
2	1.08	1.03	.99	.95	1.05	1.01	.97	.87	.98	.95	.92		.95	.92	.90	.92	.90	.88	.87		
3	1.02	.96	.91	.87	1.00	.94	.90	.81	.92	.88	.85		.89	.86	.83	.87	.84	.82	.80		
4	.97	.89	.84	.79	.95	.88	.83	.76	.86	.82	.78		.84	.80	.77	.82	.79	.76	.75		
5	.92	.83	.78	.73	.90	.83	.77	.71	.81	.76	.72		.79	.75	.72	.77	.74	.71	.69		
6	.87	.78	.72	.68	.86	.77	.72	.66	.76	.71	.67		.75	.70	.67	.73	.69	.66	.65		
7	.83	.73	.67	.63	.81	.73	.67	.62	.71	.66	.63		.70	.66	.62	.69	.65	.62	.61		
8	.79	.69	.63	.59	.78	.69	.63	.58	.67	.62	.59		.66	.62	.58	.65	.61	.58	.57		
9	.75	.65	.59	.55	.74	.65	.59	.54	.64	.59	.55		.63	.58	.55	.62	.58	.55	.53		
10	.71	.62	.56	.52	.70	.61	.56	.51	.60	.55	.52		.60	.55	.51	.59	.54	.51	.50		

Candela Table - Type C

	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	3	
0	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2785	2
10	2462	2473	2483	2487	2490	2487	2483	2474	2460	2445	2429	2416	2404	2392	2387	2383	2381	2380	2377	2375	2367	2363	2359	2355	2355	2353	2350	2346	2345	2347	2350	2362	2379	2	
20	1821	1820	1823	1828	1839	1859	1877	1889	1905	1922	1936	1940	1950	1955	1963	1964	1958	1948	1936	1921	1903	1887	1871	1861	1857	1855	1848	1843	1838	1829	1821	1808	1804	1	
30	1365	1368	1367	1364	1373	1393	1406	1415	1420	1425	1429	1429	1427	1422	1419	1411	1408	1406	1400	1395	1385	1366	1354	1350	1346	1344	1336	1335	1340	1353	1366	1368	1366	1	
40	367	384	398	405	411	417	418	420	419	413	404	392	381	370	363	353	342	331	323	312	299	283	273	263	254	246	239	236	240	246	258	276	288		
50	43	44	44	43	43	43	42	42	41	41	40	38	37	36	35	34	33	33	32	32	31	31	31	32	32	32	33	33	34	35	36	37	38		
60	19	20	20	20	19	19	18	18	18	17	17	16	15	15	15	15	14	14	14	14	14	14	14	14	14	15	15	16	16	16	17	17	18		
70	11	11	11	11	11	10	10	10	9	9	9	8	8	8	8	7	7	7	7	7	7	7	7	7	7	8	8	8	8	9	9	9	10		
80	4	4	4	4	4	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3		
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Luminaire Report Summary

IESNA: LM-63-2002
[TEST] KAILA 4D SS V13 506mA 18W
[TESTLAB] Zaniboni Light
[ISSUEDATE] 5/10/2024
[MANUFAC] Zaniboni Lighting
[LUMCAT] W3-KA4DSS-3630A-6C-SS-0
[LUMINAIRE] W3-KA4DSS-3630A-6C-SS-0
[LAMP] WHITE 3K 80 60 DEG CLEAR

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 10, HORIZONTAL ANGLES: 37
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.