

Filename: D1-ALB1Q-0730C-3F-WS-Z-0

Manufacturer: Zaniboni Lighting

Luminaire: D1-ALB1Q-0730C-3F-WS-Z-0

Luminaire Cat: D1-ALB1Q-0730C-3F-WS-Z-0

Lamp: WHITE 3K 90 CRI 36 DEGREE FROSTED FILM

Lamp Output: Total luminaire Lumens: 600

Max Candela: 505.9 at Horizontal: 0°, Vertical: 0°

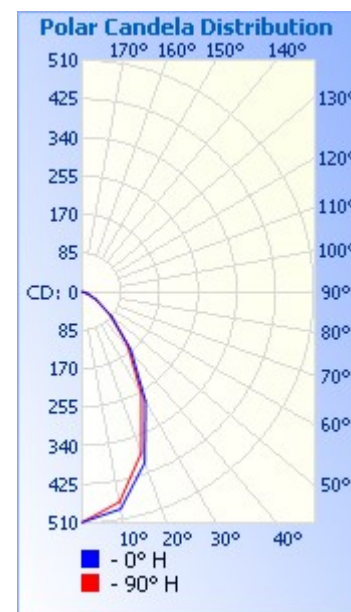
Luminous Opening: Circular (Dia: 1.18")

Test: ALBA 1Q V6 357mA 17.8V

Test Lab: Zaniboni Light

Photometry : Type C

Nema Type: 6 X 6

**Roadway Summary**

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.2
Max Cd, 80 to <90 Deg:	1.6
	Lumens % Lamp
Downward Street Side:	312.3 52.1%
Downward House Side:	291.0 48.5%
Downward Total:	603.4 100.6%
Total Lumens:	603.4 100.6%

Zonal Lumen Summary

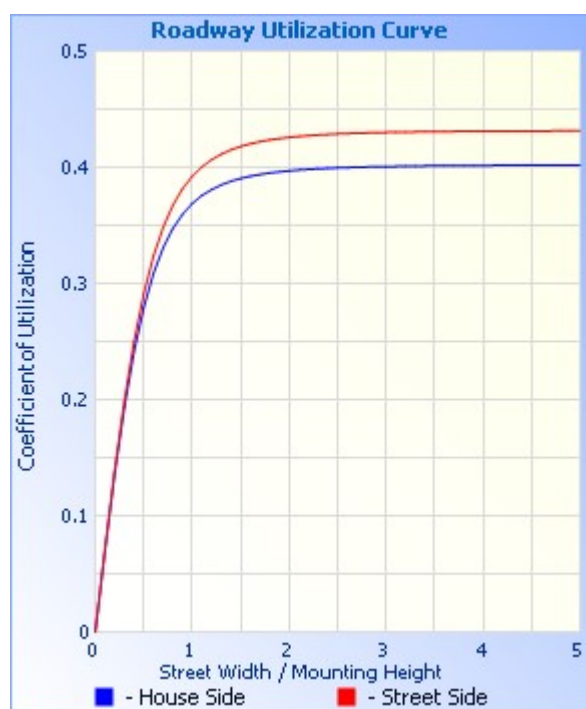
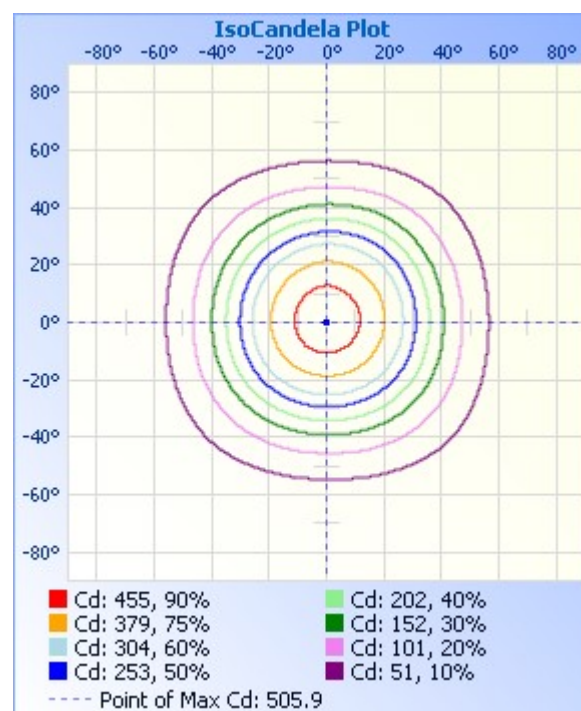
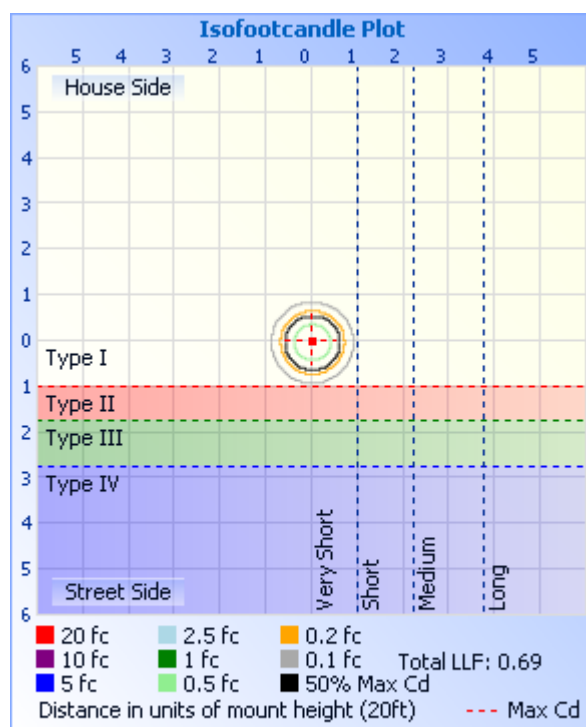
Zone	Lumens	% Luminaire
0-30	308.4	51.4%
0-40	435.4	72.6%
0-60	571.4	95.2%
60-90	28.7	4.8%
0-90	600.0	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	93%	558.0	112.4	111
Beam (50%):	53%	318.3	61.2	61.1
Total:	100.5%	603.1		

Lumens Per Zone

Zone	Lumens	% Total
0-10	45.6	7.6%
10-20	117.9	19.7%
20-30	144.8	24.1%
30-40	127.1	21.2%
40-50	87.5	14.6%
50-60	48.4	8.1%
60-70	21.5	3.6%
70-80	6.5	1.1%
80-90	0.7	0.1%



Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	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	1.06	1.06	1.06	1.02	1.02	1.02	1.00			
1	1.12	1.09	1.06	1.03	1.10	1.07	1.04	.91	1.03	1.00	.98	.99	.97	.95	.95	.94	.93	.91			
2	1.05	.99	.94	.90	1.03	.97	.93	.82	.94	.90	.87	.91	.88	.85	.88	.86	.83	.81			
3	.98	.90	.84	.80	.96	.89	.83	.74	.86	.81	.78	.84	.80	.76	.81	.78	.75	.73			

4	.92	.83	.76	.71	.90	.82	.75	.68	.79	.74	.70	.77	.73	.69	.75	.71	.68	.66
5	.86	.76	.69	.64	.84	.75	.69	.62	.73	.67	.63	.71	.66	.62	.70	.65	.62	.60
6	.81	.70	.63	.58	.79	.69	.63	.56	.68	.62	.57	.66	.61	.57	.65	.60	.57	.55
7	.76	.65	.58	.53	.75	.64	.58	.52	.63	.57	.53	.62	.56	.52	.61	.56	.52	.50
8	.72	.61	.54	.49	.70	.60	.53	.48	.59	.53	.48	.58	.52	.48	.57	.52	.48	.46
9	.68	.57	.50	.45	.67	.56	.49	.44	.55	.49	.45	.54	.49	.45	.53	.48	.44	.43
10	.64	.53	.46	.42	.63	.53	.46	.41	.52	.46	.42	.51	.45	.42	.50	.45	.41	.40

Candela Table - Type C

	0	30	60	90	120	150	180	210	240	270	300	330	360
0	506	506	506	506	506	506	506	506	506	506	506	506	506
10	484	479	473	469	464	461	458	459	462	467	472	476	484
20	399	391	383	377	371	365	361	363	370	378	387	393	399
30	277	268	262	258	251	244	240	245	254	260	268	276	277
40	165	159	157	154	147	140	137	142	151	155	159	166	165
50	83	81	80	79	73	68	67	71	77	78	80	84	83
60	35	35	35	34	31	29	28	30	33	33	34	35	35
70	11	12	12	12	11	10	10	10	11	11	11	11	11
80	1	1	2	2	2	1	1	1	1	1	1	1	1
90	0	0	0	0	0	0	0	0	0	0	0	0	0

Luminaire Report Summary

IESNA: LM-63-2002
[TEST] ALBA 1Q V6 357mA 17.8V
[TESTLAB] Zaniboni Light
[ISSUE DATE] 3/26/2025
[MANUFAC] Zaniboni Lighting
[LUMCAT] D1-ALB1Q-0730C-3F-WS-Z-0
[LUMINAIRE] D1-ALB1Q-0730C-3F-WS-Z-0
[LAMP] WHITE 3K 90 CRI 36 DEGREE FROSTED FILM

FILE: CREATED USING ABSOLUTE PHOTOMETRY
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 10, HORIZONTAL ANGLES: 13
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.