

# ZANIBONI® LIGHTING

**Filename:** D1-STEL1-0730B-1C-WS-00

**Manufacturer:** Zaniboni Lighting

**Luminaire:** D1-STEL1-0730B-1C-WS-0

**Luminaire Cat:** D1-STEL1-0730B-1C-WS-0

**Lamp:** WHITE 3K 80 10 DEG ACRYLIC

**Lamp Output:** Total luminaire Lumens: 286.1

**Max Candela:** 7,898.6 at Horizontal: 0°, Vertical: 0°

**Input Wattage:** 7

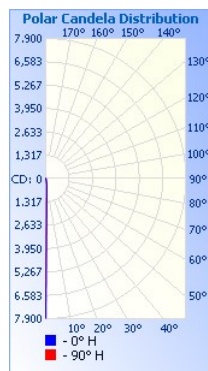
**Luminous Opening:** Circular (Dia: 1.73")

**Test:** STELLA 1 V3 12V 488mA 7W

**Test Lab:** Zaniboni Light

**Photometry:** Type C

**Nema Type:** 2 X 2



## Roadway Summary

**Cutoff Classification:** CUTOFF

**Distribution:** Type VS

**Max Cd, 90 Deg Vert:** 0.4

**Max Cd, 80 to <90 Deg:** 0.3

**Lumens % Lamp**

**Downward Street Side:** 180.8 63.2%

**Downward House Side:** 169.2 59.1%

**Downward Total:** 350.0 122.3%

**Total Lumens:** 350.0 122.3%

## Flood Summary

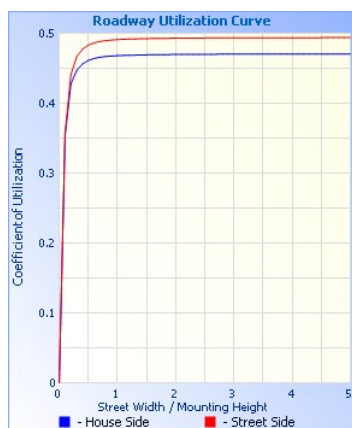
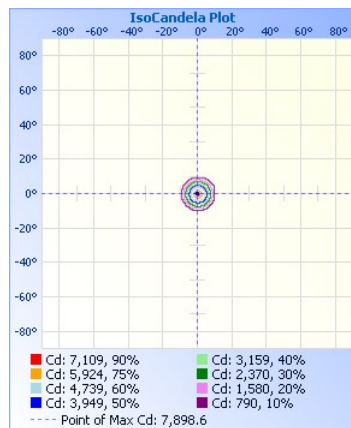
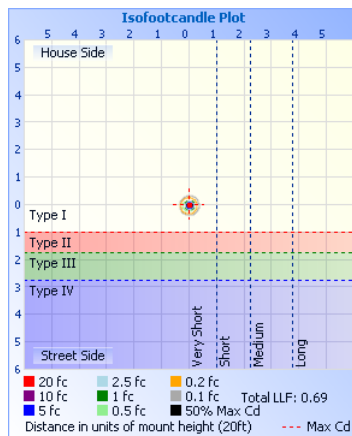
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
<b>Field (10%):</b>	94.4%	270.0	18.8	18.7
<b>Beam (50%):</b>	42%	120.1	10.5	10.4
<b>Total:</b>	121.8%	348.5		

## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	274.9	96.1%
0-40	280.9	98.2%
0-60	284.5	99.4%
60-90	1.6	0.6%
0-90	286.1	100%

## Lumens Per Zone

Zone	Lumens	% Total
0-10	212.1	74.1%
10-20	47.5	16.6%
20-30	15.3	5.3%
30-40	6.0	2.1%
40-50	2.4	0.8%
50-60	1.3	0.4%
60-70	0.9	0.3%
70-80	0.5	0.2%
80-90	0.3	0.1%



	Center Beam fc	Beam Width	
5.0R	316 fc	0.9 ft	0.9 ft
10.0R	79.0 fc	1.8 ft	1.8 ft
15.0R	35.1 fc	2.7 ft	2.7 ft
20.0R	19.7 fc	3.6 ft	3.7 ft
25.0R	12.6 fc	4.6 ft	4.6 ft
30.0R	8.78 fc	5.5 ft	5.5 ft

■ Vert. Spread: 10.4°  
■ Horiz. Spread: 10.5°

**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	10	50	30	20	10	50	30	20	10	0
RCC: 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	1.16	1.14	1.13	1.11	1.14	1.12	1.11	.99	1.08	1.07	1.06	1.04	1.04	1.03	1.01	1.01	1.00	1.00	1.00	1.00	.98
2	1.13	1.10	1.08	1.06	1.11	1.09	1.06	.97	1.05	1.04	1.02	1.03	1.01	1.00	1.00	.99	.98	.97	.97	.97	.97
3	1.11	1.07	1.04	1.02	1.09	1.06	1.03	.96	1.03	1.01	.99	1.01	.99	.98	.99	.98	.97	.95	.95	.95	.95
4	1.08	1.04	1.01	.99	1.07	1.03	1.00	.95	1.01	.99	.97	1.00	.98	.96	.98	.96	.95	.94	.94	.94	.94
5	1.06	1.02	.99	.97	1.05	1.01	.98	.94	1.00	.97	.95	.98	.96	.95	.97	.95	.94	.93	.93	.93	.93
6	1.05	1.00	.97	.95	1.04	.99	.97	.93	.98	.96	.94	.97	.95	.93	.96	.94	.93	.92	.92	.92	.92
7	1.03	.98	.95	.93	1.02	.98	.95	.92	.97	.94	.93	.96	.94	.92	.95	.93	.92	.91	.91	.91	.91
8	1.02	.97	.94	.92	1.01	.96	.94	.91	.96	.93	.91	.95	.93	.91	.94	.92	.91	.90	.90	.90	.90
9	1.00	.96	.93	.91	1.00	.95	.93	.90	.95	.92	.90	.94	.92	.90	.93	.91	.90	.89	.89	.89	.89
10	.99	.94	.92	.90	.98	.94	.91	.89	.94	.91	.89	.93	.91	.89	.92	.91	.89	.88	.88	.88	.88

[illegible]

**Luminaire Report Summary**

IESNA: LM-63-2002  
[TEST] STELLA 1 V3 12V 488mA 7W  
[TESTLAB] Zaniboni Light  
[ISSUEDATE] 5/24/2024  
[MANUFAC] Zaniboni Lighting  
[LUMCAT] D1-STEL1-0730B-1C-WS-0  
[LUMINAIRE] D1-STEL1-0730B-1C-WS-0  
[LAMP] WHITE 3K 80 10 DEG ACYRLIC

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.