

ZANIBONI® LIGHTING

Filename: D1-GEL4P-0730B-1C-WS-00

Manufacturer: Zaniboni Lighting

Luminaire: D1-GEL4P-0730B-1C-WS-0

Luminaire Cat: D1-GEL4P-0730B-1C-WS-0

Lamp: WHITE 3K 90 10 DEG ACRYLIC

Lamp Output: Total luminaire Lumens: 286.1

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

Input Wattage: 7

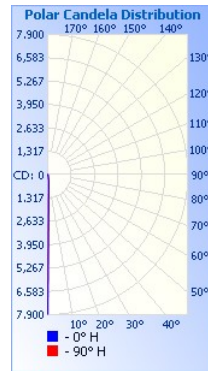
Luminous Opening: Circular (Dia: 1.73")

Test: GEM L4P 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

Field (10%): 94.4% 270.0 18.8 18.7

Beam (50%): 42% 120.1 10.5 10.4

Total: 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%

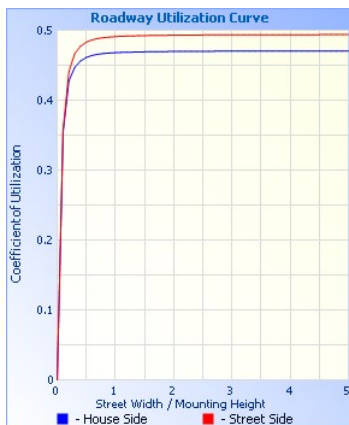
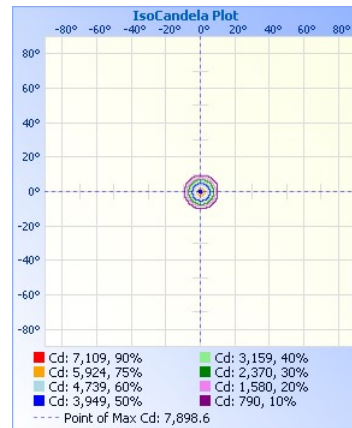
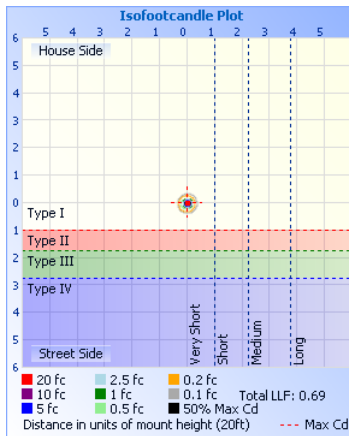
40-50 2.4 0.8%

50-60 1.3 0.4%

60-70 0.9 0.3%

70-80 0.5 0.2%

80-90 0.3 0.1%



Coefficients Of Utilization - Zonal Cavity Method

	Illuminance at a Distance		
	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°

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				.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
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
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
5	1.06	1.02	.99	.97	1.05	1.01	.98	.94	1.00	.97	.95	.98	.96	.95	.97	.95	.94				.93
6	1.05	1.00	.97	.95	1.04	.99	.97	.93	.98	.96	.94	.97	.95	.93	.96	.94	.93				.92
7	1.03	.98	.95	.93	1.02	.98	.95	.92	.97	.94	.93	.96	.94	.92	.95	.93	.92				.91
8	1.02	.97	.94	.92	1.01	.96	.94	.91	.96	.93	.91	.95	.93	.91	.94	.92	.91				.90
9	1.00	.96	.93	.91	1.00	.95	.93	.90	.95	.92	.90	.94	.92	.90	.93	.91	.90				.89
10	.99	.94	.92	.90	.98	.94	.91	.89	.94	.91	.89	.93	.91	.89	.92	.91	.89				.88

[illegible]

Luminaire Report Summary

IESNA: LM-63-2002
[TEST] GEM L4P V3 12V 488mA 7W
[TESTLAB] Zaniboni Light
[ISSUEDATE] 5/24/2024
[MANUFAC] Zaniboni Lighting
[LUMCAT] D1-GEL4P-0730B-1C-WS-0
[LUMINAIRE] D1-GEL4P-0730B-1C-WS-0
[LAMP] WHITE 3K 90 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.