

ZANIBONI[®] LIGHTING

Filename: D1-GEL4P-0730A-2C-WS-00

Manufacturer: Zaniboni Lighting

Luminaire: D1-GEL4P-0730A-2C-WS-00

Luminaire Cat: D1-GEL4P-0730A-2C-WS-00

Lamp: WHITE 3K 80 24 DEG CLEAR

Lamp Output: Total luminaire Lumens: 741.6

Max Candela: 2,827.5 at Horizontal: 0°, Vertical: 0°

Input Wattage: 7

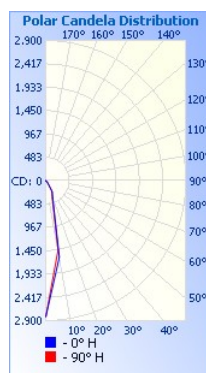
Luminous Opening: Circular (Dia: 1.73")

Test: GEM L4P V6 9V 709mA 7W

Test Lab: Zaniboni Light

Photometry: Type C

Nema Type: 4 X 4



Roadway Summary

Cutoff Classification: CUTOFF

Distribution: Type VS

Max Cd, 90 Deg Vert: 0.2

Max Cd, 80 to <90 Deg: 0.9

Lumens % Lamp

Downward Street Side: 378.5 51%

Downward House Side: 385.1 51.9%

Downward Total: 763.6 103%

Total Lumens: 763.6 103%

Flood Summary

Efficiency Lumens

Field (10%): 79% 585.9 56.9 57.3

Beam (50%): 30.2% 224.2 22.5 22.8

Total: 102.8% 762.7

Zonal Lumen Summary

Zone Lumens % Luminaire

0-30 591.1 79.7%

0-40 694.5 93.7%

0-60 735.4 99.2%

60-90 6.1 0.8%

0-90 741.6 100%

Lumens Per Zone

Zone Lumens % Total

0-10 179.8 24.2%

10-20 256.3 34.6%

20-30 154.9 20.9%

30-40 103.5 14.0%

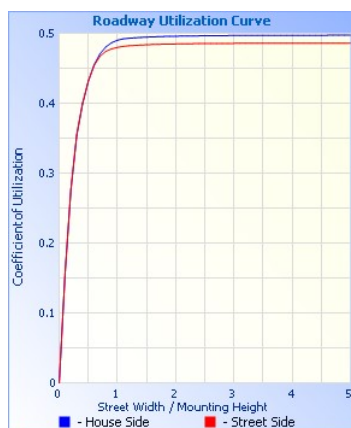
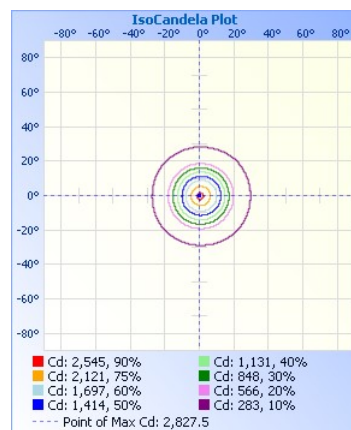
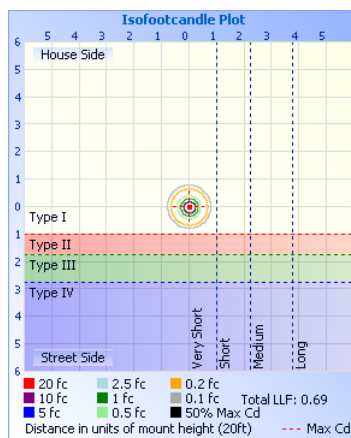
40-50 34.2 4.6%

50-60 6.7 0.9%

60-70 3.9 0.5%

70-80 1.8 0.2%

80-90 0.5 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	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	1.00
1	1.14	1.12	1.09	1.07	1.12	1.10	1.08	.95	1.05	1.04	1.02	1.02	1.01	.99	.98	.97	.97	.97	.97	.95	.95
2	1.09	1.05	1.01	.98	1.07	1.03	1.00	.90	1.00	.97	.95	.97	.95	.93	.95	.93	.91	.91	.91	.90	.90
3	1.05	.99	.95	.91	1.03	.98	.94	.86	.95	.92	.89	.93	.90	.88	.91	.88	.86	.85	.85	.85	.85
4	1.00	.94	.89	.85	.99	.93	.88	.82	.91	.87	.84	.89	.86	.83	.87	.84	.82	.81	.81	.81	.81
5	.96	.89	.84	.80	.95	.88	.84	.78	.87	.82	.79	.85	.81	.79	.83	.80	.78	.77	.77	.77	.77
6	.93	.85	.80	.76	.91	.84	.79	.74	.83	.78	.75	.81	.78	.75	.80	.77	.74	.73	.73	.73	.73
7	.89	.81	.76	.72	.88	.80	.76	.71	.79	.75	.72	.78	.74	.71	.77	.74	.71	.70	.70	.70	.70
8	.86	.78	.72	.69	.85	.77	.72	.68	.76	.72	.69	.75	.71	.68	.74	.71	.68	.67	.67	.67	.67
9	.83	.74	.69	.66	.82	.74	.69	.65	.73	.69	.66	.72	.68	.65	.71	.68	.65	.64	.64	.64	.64
10	.80	.71	.67	.63	.79	.71	.66	.63	.70	.66	.63	.70	.66	.63	.69	.65	.63	.62	.62	.62	.62

[illegible]

Luminaire Report Summary

IESNA: LM-63-2002
[TEST] GEM L4P V6 9V 709mA 7W
[TESTLAB] Zaniboni Light
[ISSUEDATE] 5/20/2024
[MANUFAC] Zaniboni Lighting
[LUMCAT] D1-GEL4P-0730A-2C-WS-00
[LUMINAIRE] D1-GEL4P-0730A-2C-WS-00
[LAMP] WHITE 3K 80 24 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.