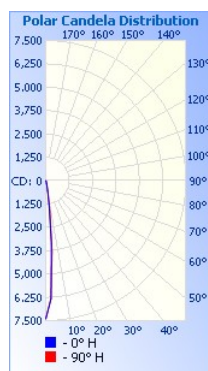


# ZANIBONI<sup>®</sup> LIGHTING

**Filename:** P1-TIL-0730C-SC-WS-Z-0  
**Manufacturer:** Zaniboni Lighting  
**Luminaire:** P1-TIL-0730C-SC-WS-Z-0  
**Luminaire Cat:** P1-TIL-0730C-SC-WS-Z-0  
**Lamp:** WHITE 3K 90 CRI 10 DEGREE  
**Lamp Output:** Total luminaire Lumens: 354.3  
**Max Candela:** 7,426.4 at Horizontal: 0°, Vertical: 0°  
**Luminous Opening:** Circular (Dia: 1.18")  
**Test:** TIBI L V3 357mA 17.8V  
**Test Lab:** Zaniboni Light  
**Photometry:** Type C  
**Nema Type:** 2 X 2



## Roadway Summary

Cutoff Classification:	N/A
Distribution:	Type VS
Max Cd, 90 Deg Vert:	0.3
Max Cd, 80 to <90 Deg:	0
Lumens % Lamp	
Downward Street Side:	172.2 48.6%
Downward House Side:	189.2 53.4%
Downward Total:	361.4 102%
Total Lumens:	361.4 102%

## Flood Summary

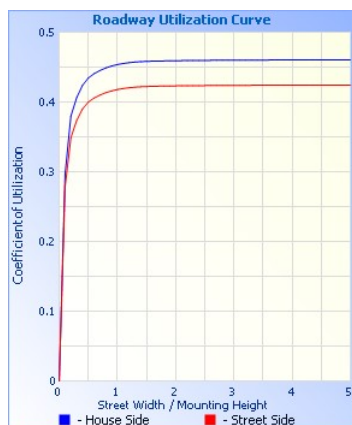
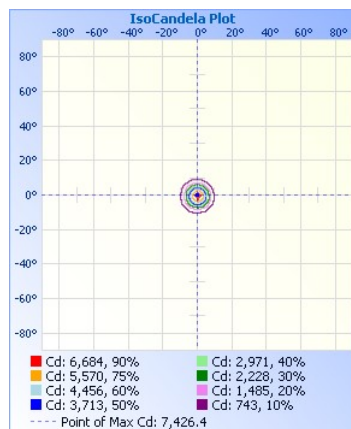
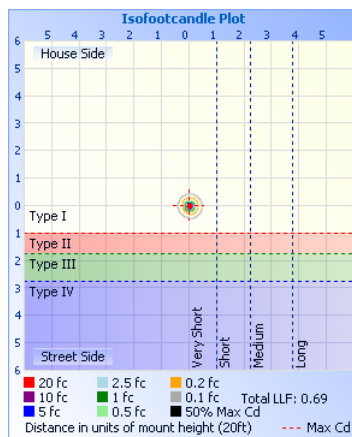
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	68.3%	241.8	19.1	19.3
Beam (50%):	33.5%	118.8	9.9	10.1
Total:	101.8%	360.8		

## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	323.5	91.3%
0-40	339.8	95.9%
0-60	351.3	99.2%
60-90	3.0	0.8%
0-90	354.3	100%

## Lumens Per Zone

Zone	Lumens	% Total
0-10	241.5	68.2%
10-20	58.4	16.5%
20-30	23.6	6.7%
30-40	16.3	4.6%
40-50	10.1	2.8%
50-60	1.5	0.4%
60-70	1.6	0.5%
70-80	1.0	0.3%
80-90	0.3	0.1%



Illuminance at a Distance		
Center Beam fc	Beam Width	
5.0R	297 fc	0.9 ft 0.9 ft
10.0R	74.3 fc	1.8 ft 1.7 ft
15.0R	33.0 fc	2.6 ft 2.6 ft
20.0R	18.6 fc	3.5 ft 3.5 ft
25.0R	11.9 fc	4.4 ft 4.3 ft
30.0R	8.25 fc	5.3 ft 5.2 ft

## 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
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	1.12	1.10	1.13	1.12	1.10	.98	1.08	1.06	1.05		1.04	1.03	1.02		1.01	1.00	.99		.98
2	1.12	1.09	1.07	1.04	1.10	1.08	1.05	.96	1.04	1.03	1.01		1.02	1.00	.99		.99	.98	.97		.95
3	1.10	1.05	1.02	1.00	1.08	1.04	1.01	.94	1.02	.99	.98		1.00	.98	.96		.97	.96	.95		.93
4	1.07	1.02	.99	.96	1.05	1.01	.98	.92	.99	.97	.95		.98	.95	.94		.96	.94	.93		.92
5	1.05	1.00	.96	.94	1.03	.99	.96	.91	.97	.95	.93		.96	.94	.92		.95	.93	.91		.90
6	1.03	.97	.94	.91	1.01	.97	.93	.89	.95	.93	.91		.94	.92	.90		.93	.91	.90		.89
7	1.01	.95	.92	.90	1.00	.95	.92	.88	.94	.91	.89		.93	.90	.89		.92	.90	.88		.87
8	.99	.94	.90	.88	.98	.93	.90	.87	.92	.89	.87		.91	.89	.87		.91	.89	.87		.86
9	.97	.92	.89	.87	.97	.92	.89	.86	.91	.88	.86		.90	.88	.86		.90	.87	.86		.85
10	.96	.91	.87	.85	.95	.90	.87	.85	.90	.87	.85		.89	.87	.85		.89	.86	.85		.84

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	330	340	350	360	
0	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426	7426
2.5	6355	6317	6301	6289	6286	6288	6296	6303	6319	6334	6354	6377	6404	6438	6473	6506	6538	6555	6570	6582	6579	6570	6555	6535	6504	6468	6428	6426	6384	6342	6293	6240	6203	6171	6148	6132	6127	6355
5	3394	3411	3444	3487	3540	3601	3662	3721	3778	3827	3876	3917	3954	3985	4012	4037	4057	4064	4050	4017	3967	3911	3843	3773	3702	3631	3558	3481	3408	3339	3284	3245	3231	3227	3236	3252	3394	
7.5	1359	1377	1407	1442	1481	1523	1561	1598	1633	1661	1684	1700	1714	1727	1734	1739	1741	1731	1706	1670	1624	1574	1527	1478	1428	1379	1331	1289	1256	1228	1211	1202	1205	1214	1230	1250	1359	
10	555	562	573	587	603	619	637	653	670	683	692	701	708	714	717	717	712	700	679	653	626	601	580	560	541	525	512	499	487	478	472	470	472	475	481	488	555	
12.5	245	250	253	255	259	263	266	271	278	283	290	295	299	301	301	301	298	291	281	272	264	257	251	245	238	230	223	216	209	204	200	199	200	203	207	213	245	
15	144	145	146	147	148	149	149	148	150	152	153	154	156	157	157	158	157	155	154	152	149	148	147	145	141	136	133	130	128	126	125	123	123	124	127	129	144	
30	27	26	25	25	25	25	25	25	26	26	26	27	27	27	27	27	27	28	28	27	26	25	25	24	24	24	24	25	25	25	24	25	25	25	25	25	27	
60	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	2	2	2	2	2	2	1	2
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	0	0	0	0	0

**Luminaire Report Summary**

IESNA: LM-63-2002  
[TEST] TIBI L V3 357mA 17.8V  
[TESTLAB] Zaniboni Light  
[ISSUEDATE] 4/30/2025  
[MANUFAC] Zaniboni Lighting  
[LUMCAT] P1-TIL-0730C-SC-WS-Z-0  
[LUMINAIRE] P1-TIL-0730C-SC-WS-Z-0  
[LAMP] WHITE 3K 90 CRI 10 DEGREE

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.