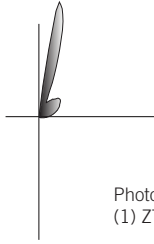


# ZENN T2



Photometric Drawing for  
(1) ZT2-SMT-120

TYPE \_\_\_\_\_ PROJECT \_\_\_\_\_



## CATALOG NUMBER

FIXTURE		REFLECTOR		VOLTAGE	
<b>ZT2</b>	4" x 18" Zenn	<b>TNB</b>	Ribbed Reflector	<b>120</b>	120 v
		<b>SMT</b>	Smooth Reflector	<b>277</b>	277 v

## SPECIFICATIONS

**Construction.** Fixture body is constructed of steel. Curved reflector is constructed of aluminum.

**Shielding.** For curved reflector, Smooth or Tannenbaum® Ribbed must be specified.

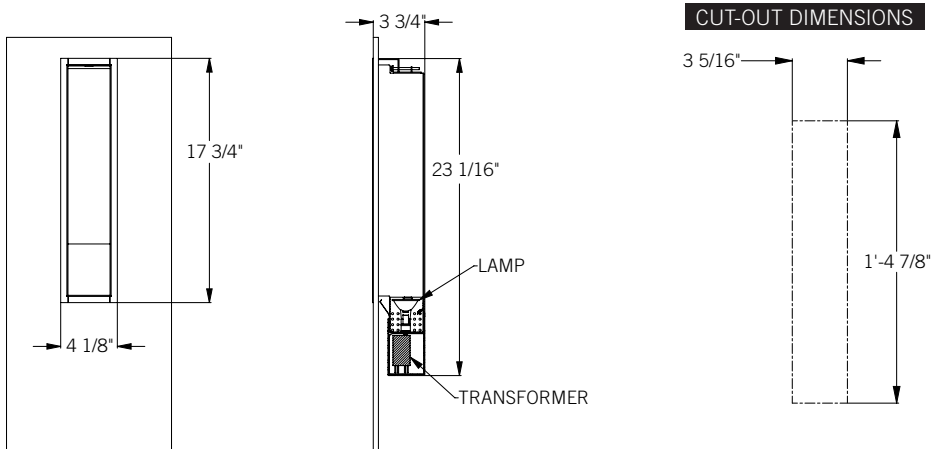
**Finish.** Fixture body and flange are finished in polyester powdercoat, color RAL 9006. Curved reflector is anodized aluminum.

**Electrical.** Specify 120 or 277 volts. Fixture is provided with integral electronic low voltage transformer. Fixture is UL/CUL listed for damp locations.

**Lamping.** Single, 50 watt maximum low voltage MR16 halogen lamp with glass integral lens. Lamp not included.

**Mounting.** Fixture may be mounted with lamp facing either up or down. Fixture may be mounted in plaster or drywall up to 1" thick.  
**ADA COMPLIANT.**

## DIMENSIONS & DETAILS



Installation instructions may be found at [www.energielighting.com](http://www.energielighting.com).



Energie LLC, 4885 Ward Road, Suite 300, Wheat Ridge CO 80033 Tel 720.963.8055 Fax 720.963.8044 [www.energielighting.com](http://www.energielighting.com)  
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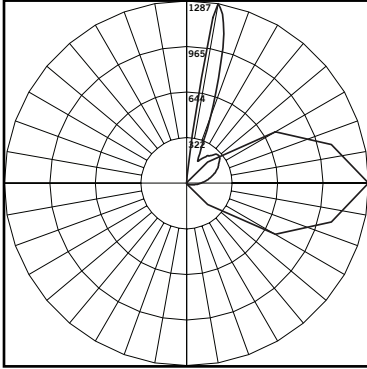


# ZENN T2

TYPE \_\_\_\_\_  
PROJECT \_\_\_\_\_

## PHOTOMETRICS

ZT2-SMT



### CANDELA DISTRIBUTION

	0	45	90
0	2	2	2
5	3	3	2
15	4	4	2
25	6	5	1
35	9	8	1
45	13	11	1
55	16	12	1
65	25	16	1
75	44	18	1
85	78	20	1
95	126	22	0
105	184	24	1
115	239	25	1
125	286	25	1
135	290	29	1
145	224	41	1
155	203	87	1
165	990	485	1
175	8	2	1

### LUMINAIRE

**Description:** Zenn T2  
**Catalog Number:** ZT2-SMT-120  
**Efficiency:** 48.8%  
**Distribution:** 14.8% direct, 85.2% indirect

### LUMINANCE (Candela/sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	0	595	38
55	0	701	33
65	0	676	30
75	0	713	28
85	0	769	27

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	1.18	.2	.4
0 - 40	2.72	.4	.8
0 - 60	10	1.5	3.1
0 - 90	48.03	7.3	14.8
90-120	71.72	10.9	22.1
90 - 130	109.01	16.5	33.7
90 - 150	174.03	26.4	33.7
90 - 180	275.89	41.8	85.2
0 - 180	323.92	49.1	100

### ZONAL LUMEN SUMMARY

ZONE	LUMENS
0-10	0.4
10-20	.34
20-30	.8
30-40	1.54
40-50	2.82
50-60	4.46
60-70	6.34
70-80	9.07
80-90	22.62
90-100	10.71
100-110	27.23
110-120	33.77
120-130	37.29
130-140	36.08
140-150	28.95
150-160	23.51
160-170	54.81
170-180	23.53

### COEFFICIENTS OF UTILIZATION

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	48	48	48	48	42	42	42	42	31	31	31	21	21	21	12	12	12	7
1	43	40	38	36	37	35	33	31	25	24	23	16	15	15	8	7	7	3
2	38	34	31	28	33	30	27	25	22	20	18	14	12	11	7	6	5	2
3	35	30	26	23	30	26	23	20	19	16	15	12	10	9	6	5	4	1
4	32	26	22	19	27	23	19	17	16	14	12	10	9	8	5	4	3	1
5	29	23	19	16	25	20	17	14	15	12	10	9	8	6	4	3	3	1
6	27	21	17	14	23	18	15	12	13	11	9	8	7	6	4	3	2	1
7	24	19	15	12	21	16	13	10	12	9	8	7	6	5	3	3	2	0
8	23	17	13	10	20	15	11	9	11	8	7	7	5	4	3	2	2	0
9	21	15	11	9	18	13	10	8	10	7	6	6	5	4	3	2	2	0
10	19	14	10	8	17	12	9	7	9	7	5	6	4	3	3	2	1	0