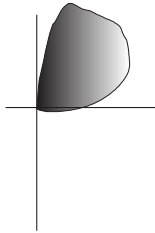


# ZENN T4



Photometric Drawing for  
(1) ZT4-SMT-120

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



## CATALOG NUMBER

FIXTURE		REFLECTOR		VOLTAGE	
<b>ZT4</b>	10" x 14" 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.** Lamp opening is covered with clear glass plate. For curved reflector, Smooth or Tannenbaum® Ribbed must be specified.

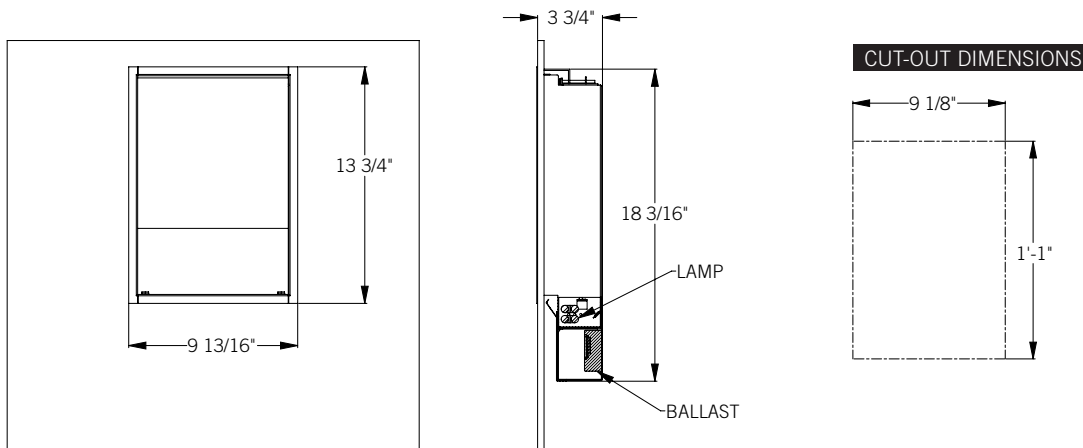
**Finish.** Fixture body and flange are finished in polyester powdercoat, color RAL 9006. Curved reflector is anodized aluminum.

**Electrical.** Specify 120 or 277 volts. Fixture is UL/CUL listed for damp locations.

**Lamping.** Single, 26 watt quad tube 4-pin compact fluorescent lamp. Lamp not included.

**Mounting.** Fixture may be mounted with lamp facing either up or down. Fixture may be mounted in walls 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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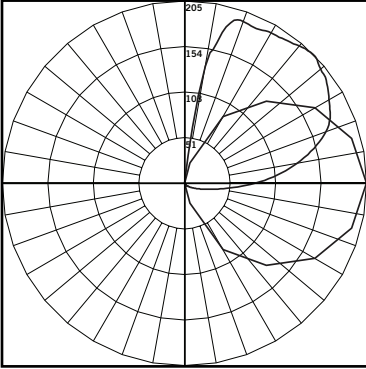


# ZENN T4

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

## PHOTOMETRICS

ZT4-SMT



### CANDELA DISTRIBUTION

	0	45	90
0	1	1	1
5	1	1	1
15	1	1	1
25	2	2	1
35	3	3	1
45	5	5	1
55	8	8	1
65	14	11	1
75	27	16	0
85	56	25	0
95	105	38	0
105	151	55	0
115	181	77	0
125	196	108	0
135	205	133	0
145	198	151	0
155	192	165	0
165	182	128	0
175	1	1	0

### LUMINAIRE

**Description:** Zenn T4  
**Catalog Number:** ZT4-SMT-120  
**Efficiency:** 18.4%  
**Distribution:** 11% direct, 89% indirect

### LUMINANCE (Candela/sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	0	128	18
55	0	176	16
65	0	219	14
75	0	299	0
85	0	453	0

### ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	.44	0	.1
0 - 40	1.09	.1	.4
0 - 60	4.58	.3	1.5
0 - 90	34.16	1.9	11
90-120	79.12	4.4	25.6
90 - 130	123.4	6.9	39.9
90 - 150	212.43	11.8	39.9
90 - 180	275.13	15.3	89
0 - 180	309.29	17.2	100

### ZONAL LUMEN SUMMARY

ZONE	LUMENS
0-10	.02
10-20	.12
20-30	.3
30-40	.65
40-50	1.23
50-60	2.25
60-70	3.79
70-80	6.24
80-90	19.54
90-100	10.99
100-110	29.8
110-120	38.34
120-130	44.28
130-140	46.3
140-150	42.72
150-160	34.98
160-170	22.48
170-180	5.25

### 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	17	17	17	17	15	15	15	15	11	11	11	7	7	7	3	3	3	2
1	15	14	13	12	13	12	11	11	9	8	8	5	5	5	2	2	2	1
2	13	12	11	10	12	10	9	9	7	7	6	5	4	4	2	2	2	0
3	12	11	9	8	10	9	8	7	6	6	5	4	4	3	2	1	1	0
4	11	9	8	7	10	8	7	6	6	5	4	3	3	3	1	1	1	0
5	10	8	7	6	9	7	6	5	5	4	4	3	3	2	1	1	1	0
6	9	7	6	5	8	6	5	4	4	4	3	3	2	2	1	1	1	0
7	9	7	5	4	7	6	5	4	4	3	3	2	2	2	1	1	1	0
8	8	6	5	4	7	5	4	3	4	3	2	2	2	1	1	1	1	0
9	7	5	4	3	6	5	4	3	3	3	2	2	2	1	1	1	0	0
10	7	5	4	3	6	4	3	2	3	2	2	2	1	1	1	1	0	0