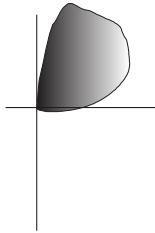


ZENN T4



Photometric Drawing for
(1) ZT4-SMT-120

TYPE _____ PROJECT _____



CATALOG NUMBER

FIXTURE		REFLECTOR		VOLTAGE	
ZT4	10" x 14" Zenn	TNB	Ribbed Reflector	120	120 v
		SMT	Smooth Reflector	277	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.

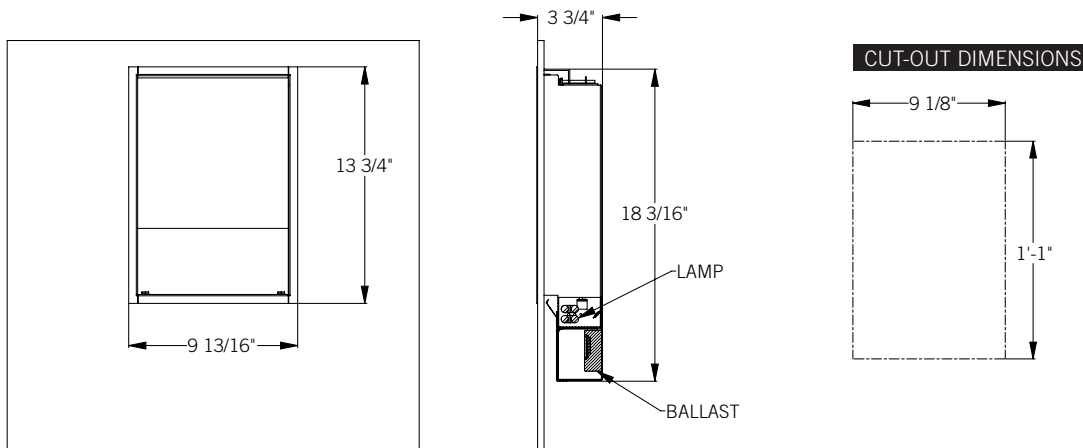
Finish. Fixture body and flange are finished in polyester powdercoat, color RAL 9006. Curved reflector is anodized aluminum.

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.



Energie LLC, 4885 Ward Road, Suite 300, Wheat Ridge CO 80033 Tel 720.963.8055 Fax 720.963.8044 www.energielighting.com
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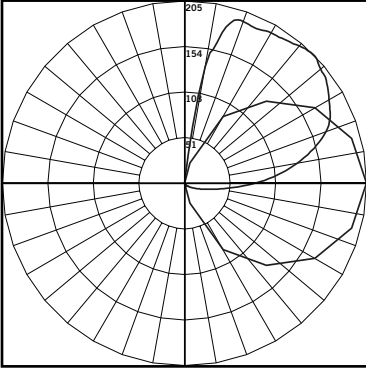


ZENN T4

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