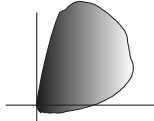


ZENN T3



Photometric Drawing for
(1) ZT3-SMT-120

TYPE _____ PROJECT _____



CATALOG NUMBER

FIXTURE		REFLECTOR		VOLTAGE	
ZT3	8" x 10" 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 Ribbed Tannenbaum® must be specified.

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

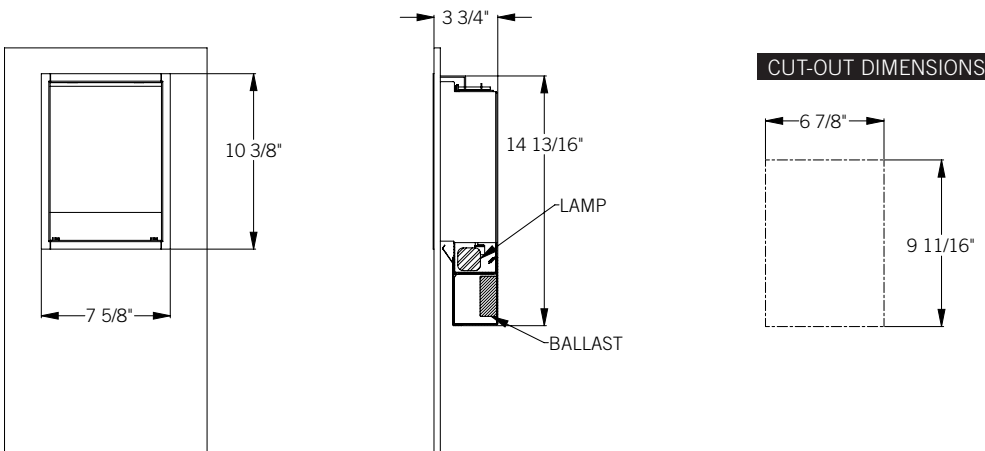
Electrical. Specify 120 or 277 volts. Fixture is UL/CUL listed for damp locations.

Lamping. Single 13 watt quad tube 4 pin compact fluorescent. 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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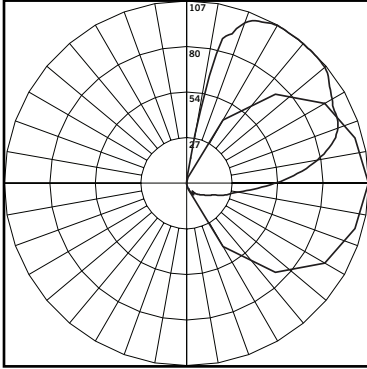


ZENN T3

TYPE _____
PROJECT _____

PHOTOMETRICS

ZT3-SMT



CANDELA DISTRIBUTION

	0	45	90
0	1	1	1
5	1	1	1
15	2	2	1
25	6	3	1
35	6	7	1
45	9	7	1
55	12	9	1
65	16	11	1
75	23	12	1
85	40	14	1
95	66	17	1
105	89	22	1
115	97	31	1
125	103	45	1
135	107	62	0
145	107	72	0
155	105	77	0
165	90	33	0
175	1	1	0

LUMINAIRE

Description: Zenn T3
Catalog Number: ZT3-SMT-120
Efficiency: 18.4%
Distribution: 18.5% direct, 81.5% indirect

LUMINANCE (Candela/sq meter)

ANGLE	0-DEG	45-DEG	90-DEG
45	0	317	32
55	0	352	28
65	0	389	25
75	0	398	23
85	0	450	23

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% FIXT
0 - 30	.68	.1	.4
0 - 40	1.92	.2	1.2
0 - 60	6.98	.8	4.2
0 - 90	30.66	3.4	18.5
90-120	41.38	4.6	25
90 - 130	62.49	6.9	37.7
90 - 150	106.03	11.8	37.7
90 - 180	135.1	15	81.5
0 - 180	165.76	18.4	100

ZONAL LUMEN SUMMARY

ZONE	LUMENS
0-10	.02
10-20	.15
20-30	.52
30-40	1.23
40-50	2.07
50-60	2.99
60-70	4.27
70-80	5.92
80-90	13.5
90-100	6.37
100-110	15.98
110-120	19.04
120-130	21.1
130-140	22.34
140-150	21.21
150-160	17.46
160-170	9.72
170-180	1.89

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	18	18	18	18	16	16	16	16	12	12	12	8	8	8	5	5	5	3
1	16	15	14	13	14	13	12	12	10	9	9	6	6	6	3	3	3	2
2	14	13	12	10	13	11	10	9	8	7	7	5	5	4	3	2	2	1
3	13	11	10	9	11	10	9	8	7	6	5	5	4	4	2	2	2	1
4	12	10	8	7	10	9	7	6	6	5	5	4	3	3	2	2	1	0
5	11	9	7	6	9	8	6	5	6	5	4	4	3	2	2	1	1	0
6	10	8	6	5	9	7	5	4	5	4	3	3	3	2	2	1	1	0
7	9	7	5	4	8	6	5	4	4	3	3	3	2	2	1	1	1	0
8	8	6	5	4	7	5	4	3	4	3	2	3	2	2	1	1	1	0
9	8	6	4	3	7	5	4	3	4	3	2	2	2	1	1	1	1	0
10	7	5	4	3	6	4	3	3	3	2	2	2	2	1	1	1	1	0