

PHOTOMETRIC DATA

Test 14583 Test Date 7/12/05

LUMINAIRE DATA

Luminaire	ZPT14-228G-LSRO-EP ZPT Lensed Troffer 1' x 4' 2-Lamp with Linear Prismatic Lens and Opal Overlay
Ballast	IOP-2528-SC
Ballast Factor	0.95
Lamp	F28T5
Lumens per Lamp	2770
Watts	60
Mounting	Recessed
Shielding Angle	0° = 90 90° = 1.20
Spacing Criterion	0° = 1.18 90° = 1.20
Luminous Opening in Feet	Length: 3.92 Width: 0.92 Height: 0.00

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	1347	24.3	28.4
0-40	2168	39.1	45.7
0-60	3725	67.2	78.5
0-90	4747	85.7	100.0
0-180	4747	85.7	100.0

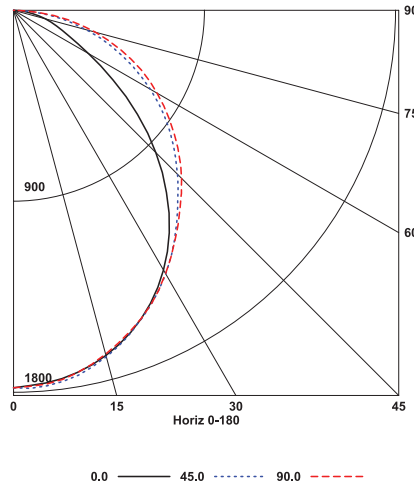
ENERGY DATA

Total Luminaire Efficiency	85.7%
Luminaire Efficacy Rating (LER)	75
ANSI/IESNA RP-1-2004 Compliance	Noncompliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$3.20 based on 3000 hrs. and \$0.08 per KWH

COEFFICIENTS OF UTILIZATION (%)

RCR	RC	80				70				50				0				
		RW	70	50	30	10	70	50	30	10	50	30	10	0	50	30	10	0
1	93	89	85	82	91	87	84	80	83	80	78	71						
2	85	77	72	67	82	76	70	66	73	68	64	60						
3	77	68	61	55	75	67	60	55	64	59	54	50						
4	71	60	53	47	69	59	52	47	57	51	46	43						
5	65	54	46	41	63	53	46	40	51	45	40	37						
6	60	49	41	36	58	48	41	35	46	40	35	33						
7	56	44	37	31	54	44	36	31	42	36	31	29						
8	52	40	33	28	51	40	33	28	39	32	28	26						
9	49	37	30	25	47	37	30	25	36	29	25	23						
10	46	34	28	23	45	34	27	23	33	27	23	21						

INDOOR CANDELA PLOT



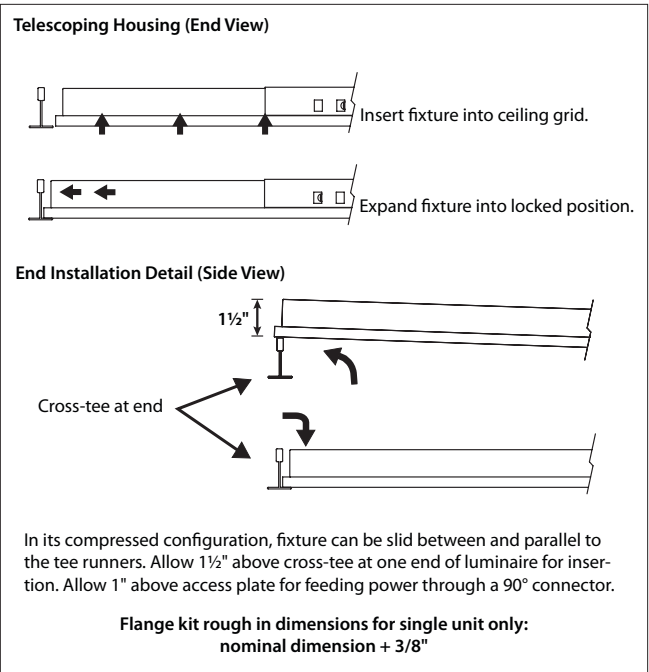
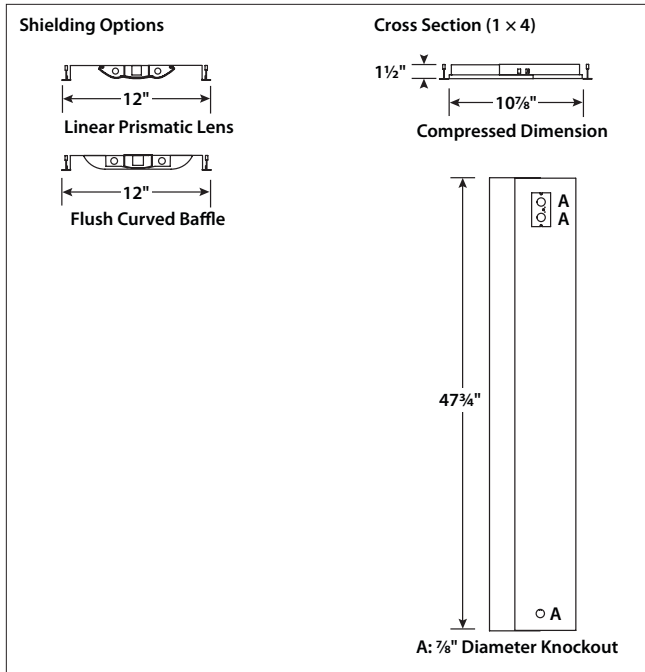
AVG. LUMINANCE (Candela/Sq. M.)

Average Luminance Angle	0.0	22.5	45.0	67.5	90.0
0	5307	5307	5307	5307	5307
30	4870	4884	4939	4946	4935
40	4368	4547	4687	4738	4753
45	4001	4352	4609	4689	4723
50	3538	4179	4560	4662	4690
55	2982	4069	4512	4610	4657
60	2430	3994	4441	4579	4662
65	2055	3920	4350	4569	4675
70	1885	3752	4250	4520	4651
75	1776	3460	4117	4440	4601
80	1564	3077	3919	4314	4486
85	1199	2568	3562	3938	4075

RCR = Room Cavity Ratio

RC = Effective Ceiling Cavity Reflectance RW = Wall Reflectance

DIMENSIONAL DATA



NOTE: All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.