

PHOTOMETRIC DATA, ESL 4-32W 2 x 4 Model

CANDLEPOWER				LIGHT GUIDE (T8 LAMPS AND ELECTRONIC BALLAST)				COEFFICIENT OF UTILIZATION												
Angle	0	45	90	Area/fixture in sq.ft./lg. room, good conditions - 8' to 10' ceilings				RC	80			70			50					
				Footcandles	2x2 2-"U" 6"		1x4 2-32W	2x4 4-32W	RW	70	50	30	70	50	30	50	30	RCR		
0	3233	3233	3233						1	87	83	80	85	82	79	78	76			
5	3213	3221	3225	35	91		81	193	2	80	74	69	78	73	68	70	66			
15	3105	3134	3176	50	64		57	135	3	74	66	60	72	65	60	63	58			
25	2896	2953	3047	75	42		38	90	4	68	59	53	66	58	52	56	51			
35	2537	2631	2799	100	32		28	67	5	62	52	46	60	52	45	50	44			
45	2012	2133	2334	AVERAGE LUMINANCE CD/SQ.M				LIGHT DISTRIBUTION				6	57	47	40	56	46	40	45	39
55	1355	1428	1593	Angle	0	45	90	Zone	Lumens	%Lamp	%Fixture	7	53	42	36	51	42	35	41	35
65	796	756	814	45	5036	5036	5036	0-30	2609	22.9	29.0	8	48	3	31	47	37	31	36	31
75	406	387	359	55	3680	4326	4807	0-40	4348	38.1	48.3	9	45	34	27	43	33	27	33	27
85	150	154	177	65	2934	3000	3450	0-60	7535	66.1	83.7	10	41	31	24	40	30	24	30	24
90	5	12	20	75	2443	2160	2877	0-90	9004	79.0	100.0									
				85	2681	3163	3699													

Lamps = (4) F32T8 @ 2850 lumens ea. LER: 69.5 Input watts = 104.5 Ballast Factor: 80.6% Ballast - Electronic 120V S/MH: 0° = 1.3; 90° = 1.4
 Comparative yearly lighting energy cost per 1000 lumens = \$ 3.45 based on 3000 hours and \$.08 per KWH

DRAWINGS AND DIMENSIONS

