

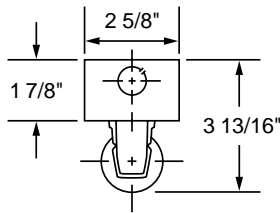


**PHOTOMETRIC DATA, 4-32W 8' Tandem Model**

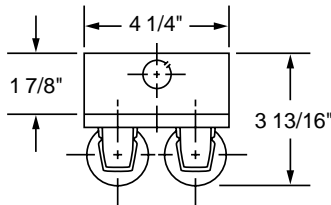
CANDLEPOWER				LIGHT GUIDE (T12 LAMPS AND ELECTRONIC BALLAST)				COEFFICIENT OF UTILIZATION												
Angle	0	45	90	Footcandles		Area/fixture in sq.ft./lg. room, good conditions - 8' to 10' ceilings		RC	80		70		50							
							<b>4-32W</b>	RW	70	50	30	70	50	30	50	30				
								RCR												
0	2058	2058	2058					1	97	91	86	92	87	83	80	76				
5	2044	2062	2060	35		180		2	87	78	70	82	74	67	68	62				
15	1974	2042	2084	50		126		3	78	67	58	74	64	56	58	52				
25	1832	1990	2118	75		84		4	71	59	50	67	56	48	51	44				
35	1620	1920	2116	100		63		5	65	52	43	62	50	41	45	38				
45	1354	1796	2048	AVERAGE LUMINANCE CD/SQ.M			LIGHT DISTRIBUTION			6	60	46	37	57	44	36	41	34		
55	1036	1606	1932	Angle	0	45	90	Zone	Lumens	%Lamp	%Fixture	7	55	42	33	52	40	32	37	30
65	692	1394	1850	0	8167	8167	8167	0-30	1690	14.8	15.6	8	51	38	29	49	36	28	34	27
75	342	1182	1464	45	7436	7417	7736	0-40	2875	25.2	26.5	9	48	34	26	45	33	26	31	24
85	66	670	922	55	6950	7345	7892	0-60	5619	49.3	51.8	10	45	32	24	42	30	23	28	22
90	6	482	742	65	6206	7396	8508	0-90	8730	76.6	80.5									
				75	4847	7746	7980	0-180	10850	95.2	100.0									
				85	2403	5978	6407													

Lamps = (4) F32T8 @ 2850 lumens ea. Input Watts = 119 LER = 85.4 Test #05632 Ballast = Electronic Ballast Factor = .93 S/MH: 0° = 1.3; 90° = 1.6  
Comparative yearly lighting energy cost per 1000 lumens = \$2.81 based on 3000 hrs. and \$.08 per KWH

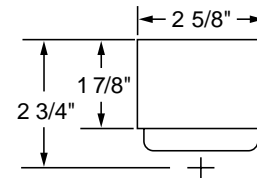
**DRAWINGS AND DIMENSIONS**



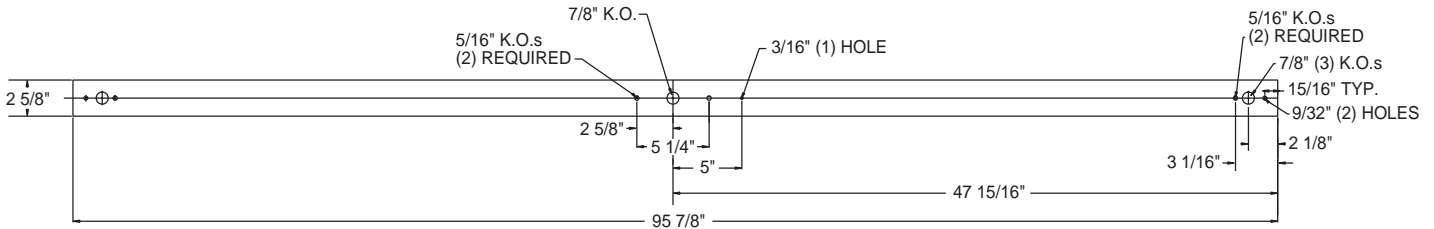
**CH  
1 Lamp**



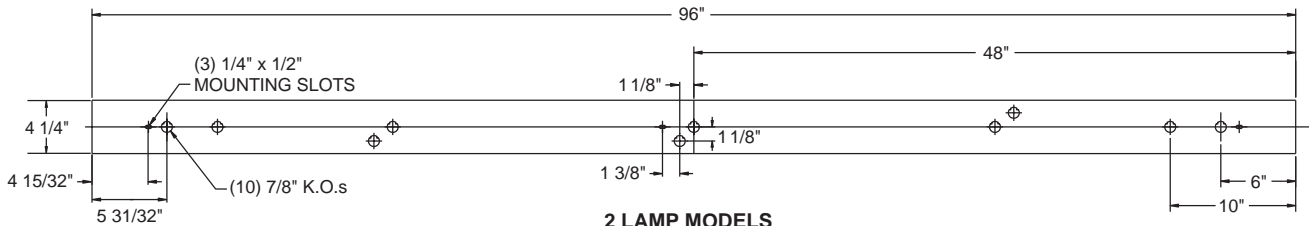
**CH  
2 Lamp**



**CHTT**



**1 LAMP MODELS**



**2 LAMP MODELS**