



**PHOTOMETRIC DATA, 2-32W 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	2-32W			RW	70	50	30	70	50	30	50	30	RCR
0	1138	1138	1138					1	72	69	66	70	67	64	63	60	
5	1130	1136	1134	35	91.5			2	66	60	55	63	58	54	55	51	
15	1096	1098	1095	50	64			3	60	53	48	58	51	46	48	44	
25	1020	1025	1025	75	42.7			4	55	47	41	53	46	40	43	38	
35	913	919	922	100	32.0			5	50	41	35	48	40	35	38	33	
45	771	781	784	<b>AVERAGE LUMINANCE CD/SQ.M</b> <b>Angle    0        45        90</b> 45    3459    5482    3518 55    3352    4897    3468 65    3115    4132    3476 75    2599    3252    3150 85    1310    2517    2719				<b>TYPICAL V.C.P.s</b> <b>Room        Mounting Height</b> <b>Size        Lengthwise    Crosswise</b> 30x30        8.5    10    8.5    10 40x40        47    51    43    48 60x30        45    47    40    43 60x60        49    52    47    51 100x100      44    45    37    40 45    44    37    38				<b>LIGHT DISTRIBUTION</b> <b>Zone        Lumens        %Lamp        %Fixture</b> 0-30        889            15.6        23.0 0-40        1463          25.7        37.8 0-60        2617          45.9        67.6 0-90        3486          61.2        90.1					
55	606	619	627													255	21.5
65	415	440	463	255	21.5			7	42	33	27	41	32	27	31	26	
75	212	271	318	255	21.5			8	39	30	24	38	29	24	28	23	
85	36	145	206	255	21.5			9	36	27	21	35	26	21	25	20	
90	0	102	159	255	21.5			10	33	24	19	32	24	19	23	18	

Lamps = F32 T8 @ 2850 lumens ea. Input Watts = 56.4 LER = 64.2 Test #05266 Ballast = Electronic Ballast Factor = 93.6% S/MH: 0° = 1.3; 90° = 1.3  
 Comparative yearly lighting energy cost per 1000 lumens = \$3.74 based on 3000 hrs. and \$.08 per KWH

**DRAWINGS AND DIMENSIONS**

