

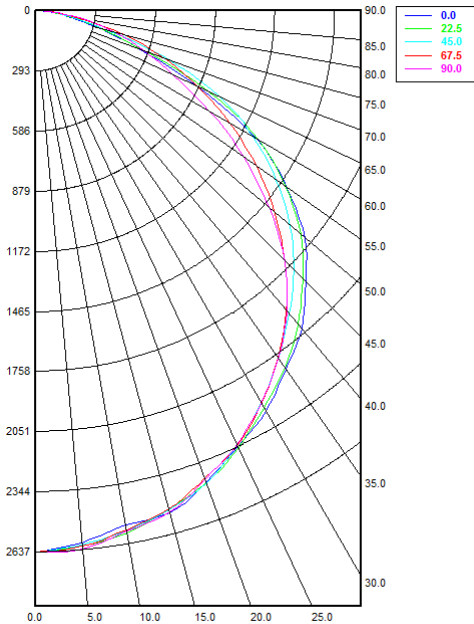


**TDCW-24-440BX**

Indoor Photometric Report for photometric data file:  
 C:\Users\Coronet\Desktop\stl-file\TDCW\_24\_440BX.ies

Product Information

Test date: Fri Jul 13 09:22:15 2012  
 Description: 4 light Biax, 2X4 center basket fixture w/ perforated metal and acrylic overlay  
 Lamp catalog number: F40/30BX/SPX35  
 Lamp description: Fluor. 39W biax  
 Total Luminaire Optical Efficiency = 58.5%



**Candela Distribution:**

	0.0	22.5	45.0	67.5	90.0
0.0	2636.76	2636.76	2636.76	2636.76	2636.76
5.0	2602.07	2620.16	2613.33	2620.04	2632.64
10.0	2546.65	2583.38	2571.75	2569.01	2575.69
15.0	2532.42	2516.11	2520.62	2514.64	2529.98
20.0	2445.65	2446.58	2447.02	2425.42	2430.43
25.0	2344.43	2349.91	2335.83	2336.56	2331.86
30.0	2257.94	2237.98	2209.70	2215.32	2212.10
35.0	2137.43	2128.01	2073.07	2071.07	2073.38
40.0	2028.63	2000.77	1934.15	1913.23	1914.93
45.0	1872.60	1850.53	1788.42	1727.58	1727.03
50.0	1722.82	1697.70	1631.00	1531.88	1497.95
55.0	1504.38	1497.53	1441.27	1323.63	1246.65
60.0	1257.61	1265.10	1238.49	1094.84	984.89
65.0	867.20	935.97	993.01	876.29	746.16
70.0	538.85	551.77	676.11	657.20	559.84
75.0	310.09	326.29	350.96	435.56	393.42
80.0	154.09	161.32	175.71	217.97	232.85
85.0	69.72	74.31	78.62	79.68	88.72
90.0	9.74	9.50	10.33	10.91	9.98

**ZONAL LUMENS**

Cone	Between	Lumens
1.25	0.00 - 2.50	15.77
5.00	2.50 - 7.50	125.06
10.00	7.50 - 12.50	244.75
15.00	12.50 - 17.50	357.60
20.00	17.50 - 22.50	457.30
25.00	22.50 - 27.50	542.09
30.00	27.50 - 32.50	609.67
35.00	32.50 - 37.50	658.47
40.00	37.50 - 42.50	688.81
45.00	42.50 - 47.50	694.40
50.00	47.50 - 52.50	679.29
55.00	52.50 - 57.50	632.87
60.00	57.50 - 62.50	560.11
65.00	62.50 - 67.50	448.59
70.00	67.50 - 72.50	313.48
75.00	72.50 - 77.50	193.86
80.00	77.50 - 82.50	101.01
85.00	82.50 - 87.50	42.57
88.75	87.50 - 90.00	2.78

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixt
0- 30	2047	16.2	27.8
0- 40	3355	26.6	45.5
0- 60	5986	47.5	81.2
0- 90	7368	58.5	100.0
90-120	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	7368	58.5	100.0

**Average Luminaire Luminance (cd/meter^2)**

	0	23	45	68	90
0	3733	3733	3733	3733	3733
45	3749	3705	3580	3459	3458
55	3713	3696	3557	3267	3077
65	2905	3135	3326	2935	2499
75	1696	1785	1920	2382	2152
85	1132	1207	1277	1294	1441

**Coefficients of Utilization - Zonal Cavity Method**

pfc = 0.20

pcc->	.8				.7				.5				.3				.0			
pw->	.7	.5	.3	.0	.7	.5	.3	.0	.5	.3	.0	.5	.3	.0	.5	.3	.0	.5	.3	.0
RCR																				
0	70	70	70	70	68	68	68	68	65	65	65	62	62	62	60	60	60	59		
1	64	61	59	56	62	60	58	55	58	56	53	55	54	52	50	50	50	50		
2	58	54	50	45	57	53	49	45	50	47	44	49	46	43	42	42	42	42		
3	53	47	42	37	52	46	42	37	44	41	36	43	40	36	35	35	35	35		
4	49	42	37	31	47	41	36	31	40	35	31	38	35	30	30	30	30	30		
5	45	37	32	27	44	37	32	27	35	31	26	34	30	26	26	26	26	26		
6	41	34	28	23	40	33	28	23	32	28	23	31	27	23	23	23	23	23		
7	38	30	25	20	37	30	25	20	29	25	20	28	24	20	20	20	20	20		
8	36	28	23	18	35	27	23	18	27	22	18	26	22	18	18	18	18	18		
9	33	25	21	16	32	25	20	16	24	20	16	24	20	16	16	16	16	16		
10	31	23	19	15	30	23	19	15	23	18	14	22	18	14	14	14	14	14		