



TDCW-22-217T8

Indoor Photometric Report for photometric data file:

C:\Users\Coronet\Desktop\stl-file\TDCW_22_317.ies

File Creation Date: Mon Jul 16 12:33:31 2012

Product Information

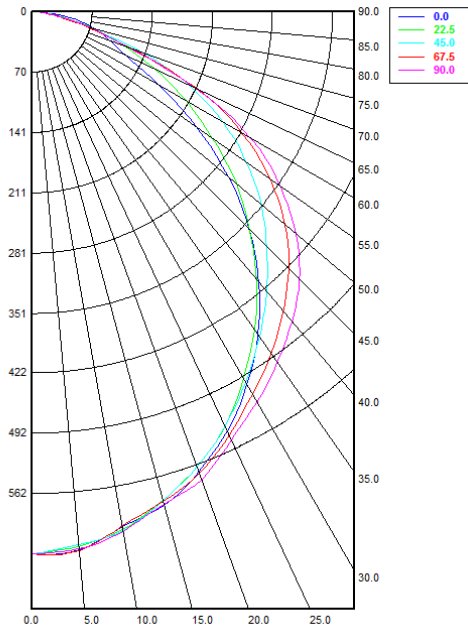
Test date: Mon Jul 16 12:11:12 2012

Description: 2 light T8, 2x2 center basket fixture w/ perforated metal and acrylic overlay

Lamp catalog number: F017/31K

Lamp description: Fluor. 17W 2' T8

Total Luminaire Optical Efficiency = 55.9%



Candela Distribution:

	0.0	22.5	45.0	67.5	90.0
0.0	889.04	889.04	889.04	889.04	889.04
5.0	893.21	885.52	891.91	892.61	882.11
10.0	872.07	874.06	871.17	878.92	879.10
15.0	841.85	839.59	844.99	846.91	856.97
20.0	810.58	801.27	811.89	820.57	837.42
25.0	757.36	755.92	769.41	787.29	799.21
30.0	710.64	704.54	717.77	748.76	768.62
35.0	650.27	647.24	672.25	705.57	717.94
40.0	578.18	583.44	617.24	657.28	674.49
45.0	504.29	512.53	556.77	600.63	619.09
50.0	418.79	439.88	491.38	531.86	549.10
55.0	323.31	365.13	423.84	458.40	474.68
60.0	237.63	287.24	345.92	379.46	389.61
65.0	168.03	217.24	263.85	282.43	278.50
70.0	129.40	151.07	173.96	161.97	161.75
75.0	103.64	95.04	86.35	90.85	94.24
80.0	67.97	49.19	38.02	38.90	41.51
85.0	27.16	19.51	15.60	15.92	17.58
90.0	5.57	4.34	3.35	3.48	3.9

ZONAL LUMENS

Cone	Between	Lumens
1.25	0.00 - 2.50	5.32
5.00	2.50 - 7.50	42.49
10.00	7.50 - 12.50	83.28
15.00	12.50 - 17.50	119.91
20.00	17.50 - 22.50	152.68
25.00	22.50 - 27.50	179.00
30.00	27.50 - 32.50	199.43
35.00	32.50 - 37.50	212.94
40.00	37.50 - 42.50	218.83
45.00	42.50 - 47.50	216.24
50.00	47.50 - 52.50	204.39
55.00	52.50 - 57.50	184.81
60.00	57.50 - 62.50	157.39
65.00	62.50 - 67.50	122.55
70.00	67.50 - 72.50	81.46
75.00	72.50 - 77.50	49.13
80.00	77.50 - 82.50	24.41
85.00	82.50 - 87.50	10.02
88.75	87.50 - 90.00	1.09

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0- 30	682	16.8	30.1
0- 40	1104	27.3	48.8
0- 60	1898	46.9	83.8
0- 90	2265	55.9	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	2265	55.9	100.0

Average Luminaire Luminance (cd/meter^2)

	0	23	45	68	90
0	2438	2438	2438	2438	2438
45	1956	1988	2159	2329	2401
55	1546	1746	2026	2192	2269
65	1090	1410	1712	1833	1807
75	1098	1007	915	963	998
85	855	614	491	501	553

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	67	67	67	67	65	65	65	65	62	62	62	60	60	60	57	57	57	56		
1	62	59	57	54	60	58	56	53	55	54	52	53	52	50	49	49	49	48		
2	56	52	48	44	55	51	48	44	49	46	43	47	45	42	41	41	41	41		
3	52	46	42	37	50	45	41	36	43	40	36	42	39	35	35	35	35	35		
4	47	41	36	31	46	40	36	31	39	35	31	37	34	30	30	30	30	30		
5	44	37	32	27	42	36	31	27	35	31	26	34	30	26	26	26	26	26		
6	40	33	28	23	39	32	28	23	31	27	23	31	27	23	23	23	23	23		
7	37	30	25	21	36	30	25	20	29	25	20	28	24	20	20	20	20	20		
8	35	27	23	18	34	27	23	18	26	22	18	26	22	18	18	18	18	18		
9	33	25	21	16	32	25	21	16	24	20	16	24	20	16	16	16	16	16		
10	31	23	19	15	30	23	19	15	22	19	15	22	18	15	15	15	15	15		