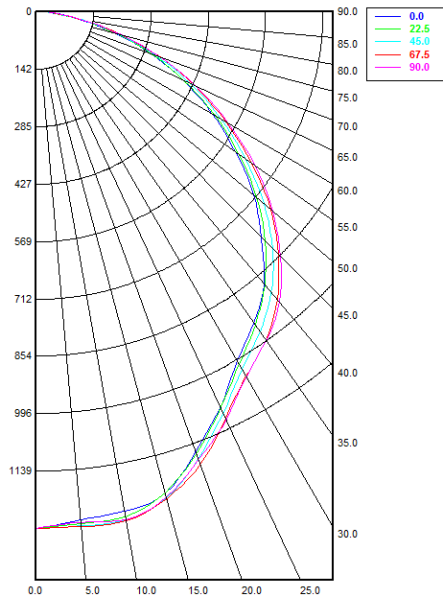


**REPR\_24\_432T8\_ACLENS**

Indoor Photometric Report for photometric data file:  
 C:\Users\Coronet\Desktop\stl-file\REPR\_24\_432T8ACLENS.ies  
 File Creation Date: Thu Feb 28 09:11:51 2013

**Product Information**

Test date: Thu Feb 28 09:11:51 2013  
 Description: 2X4, 4-light T8 fixture with acrylic lens  
 Lamp catalog number: FO32/31K  
 Lamp description: Fluor. 32W 4' T8  
 Total Luminaire Optical Efficiency = 60.0%



**Candela Distribution:**

	0.0	22.5	45.0	67.5	90.0
0.0	1280.60	1280.60	1280.60	1280.60	1280.60
5.0	1264.50	1274.51	1279.37	1280.77	1270.25
10.0	1257.44	1270.58	1279.08	1281.07	1277.65
15.0	1235.88	1234.28	1247.23	1248.56	1245.83
20.0	1157.35	1162.55	1176.87	1191.52	1179.47
25.0	1080.09	1081.89	1096.33	1111.21	1114.53
30.0	999.51	1009.84	1025.05	1044.03	1044.75
35.0	943.48	948.10	968.77	994.40	996.07
40.0	879.88	882.73	908.31	930.78	939.90
45.0	791.84	803.78	830.11	849.44	858.64
50.0	705.62	714.85	738.19	759.48	765.72
55.0	604.37	613.56	635.63	654.71	664.75
60.0	501.53	508.89	528.76	541.26	548.57
65.0	401.64	403.04	421.68	432.74	436.88
70.0	297.51	303.28	312.33	321.74	326.00
75.0	195.24	200.78	206.20	210.01	211.87
80.0	106.76	109.53	114.71	117.08	118.41
85.0	45.60	46.01	48.22	49.52	50.83
90.0	15.65	16.01	16.29	17.23	17.32

**ZONAL LUMENS**

Cone	Between	Lumens
1.25	0.00 - 2.50	7.66
5.00	2.50 - 7.50	60.94
10.00	7.50 - 12.50	121.32
15.00	12.50 - 17.50	176.30
20.00	17.50 - 22.50	220.25
25.00	22.50 - 27.50	254.05
30.00	27.50 - 32.50	280.99
35.00	32.50 - 37.50	305.05
40.00	37.50 - 42.50	319.90
45.00	42.50 - 47.50	320.59
50.00	47.50 - 52.50	309.48
55.00	52.50 - 57.50	284.95
60.00	57.50 - 62.50	249.69
65.00	62.50 - 67.50	208.24
70.00	67.50 - 72.50	160.85
75.00	72.50 - 77.50	108.61
80.00	77.50 - 82.50	61.26
85.00	82.50 - 87.50	26.21
88.75	87.50 - 90.00	4.52

**Zonal Lumen Summary**

Zone	Lumens	%Lamp	%Fixt
0- 30	981	16.9	28.2
0- 40	1587	27.4	45.6
0- 60	2786	48.0	80.0
0- 90	3481	60.0	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	3481	60.0	100.0

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

	0	23	45	68	90
0	1805	1805	1805	1805	1805
45	1579	1603	1655	1694	1712
55	1486	1508	1562	1609	1634
65	1340	1345	1407	1444	1457
75	1064	1094	1123	1144	1154
85	738	744	780	801	822

**Coefficients of Utilization - Zonal Cavity Method**

pfc = 0.20

pcc-> .8 .7 .5 .3 .0

pw-> .7 .5 .3 .0 .5 .3 .0 .5 .3 .0 .5 .3 .0 .5 .3 .0

RCR

0	72	72	72	72	70	70	70	70	67	67	67	64	64	64	61	61	61	60
1	66	63	60	57	64	61	59	56	59	57	54	56	55	53	51	51	51	51
2	60	55	51	46	58	54	50	45	52	48	44	50	47	44	43	43	43	42
3	54	48	43	38	53	47	43	38	45	42	37	44	40	36	36	36	36	36
4	50	43	37	32	48	42	37	32	40	36	31	39	35	31	31	31	31	31
5	46	38	33	27	45	37	32	27	36	32	27	35	31	27	27	27	27	26
6	42	34	29	24	41	34	29	24	33	28	23	32	28	23	23	23	23	23
7	39	31	26	21	38	31	26	21	30	25	21	29	25	21	21	21	21	20
8	37	28	23	18	36	28	23	18	27	23	18	27	22	18	18	18	18	18
9	34	26	21	17	33	26	21	17	25	21	17	24	20	17	16	16	16	16
10	32	24	19	15	31	24	19	15	23	19	15	23	19	15	15	15	15	15