



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 390229I-3546.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
 [TEST] 21246
 [MANUFAC]LDPI LIGHTING - SUSPENDED LUMINAIRE - INDUSTRIAL
 [LUMCAT]390229I-3546
 [LUMINAIRE]WITH WHITE INTERIOR AND NO LENS
 [LAMP]FOUR PHILIPS 32 WATT T8 LAMPS
 [LAMPCAT]F32T8/TL841. LUMEN RATING = 2950 LMS.
 [OTHER]ONE ADVANCE ICN-4P32-SC-HAZ BALLAST OPERATING AT 120 VAC AND 107 WATTS

CHARACTERISTICS

Total Rated Lamp Lumens	11800 (4 lamps)
Total Luminaire Efficiency	83.6 %
CIE Type	Direct
Spacing Criteria (0-180)	1.28
Spacing Criteria (90-270)	1.48
Spacing Criteria (Diagonal)	1.54
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	1.21 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5905	7186	7822
55	5690	7651	8524
65	5285	8267	9106
75	4354	8367	8344
85	2254	5111	4446

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2264.72	19.2	22.9
0-40	3818.26	32.4	38.7
0-60	7257.17	61.5	73.5
0-90	9868.18	83.6	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	9868.18	83.6	100

Total Luminaire Efficiency = 83.6%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	265.43
10-20	777.14
20-30	1222.15
30-40	1553.53
40-50	1728.08
50-60	1710.83
60-70	1462.82
70-80	918.05
80-90	230.15
90-100	0
100-110	0
110-120	0
120-130	0
130-140	0
140-150	0
150-160	0
160-170	0
170-180	0

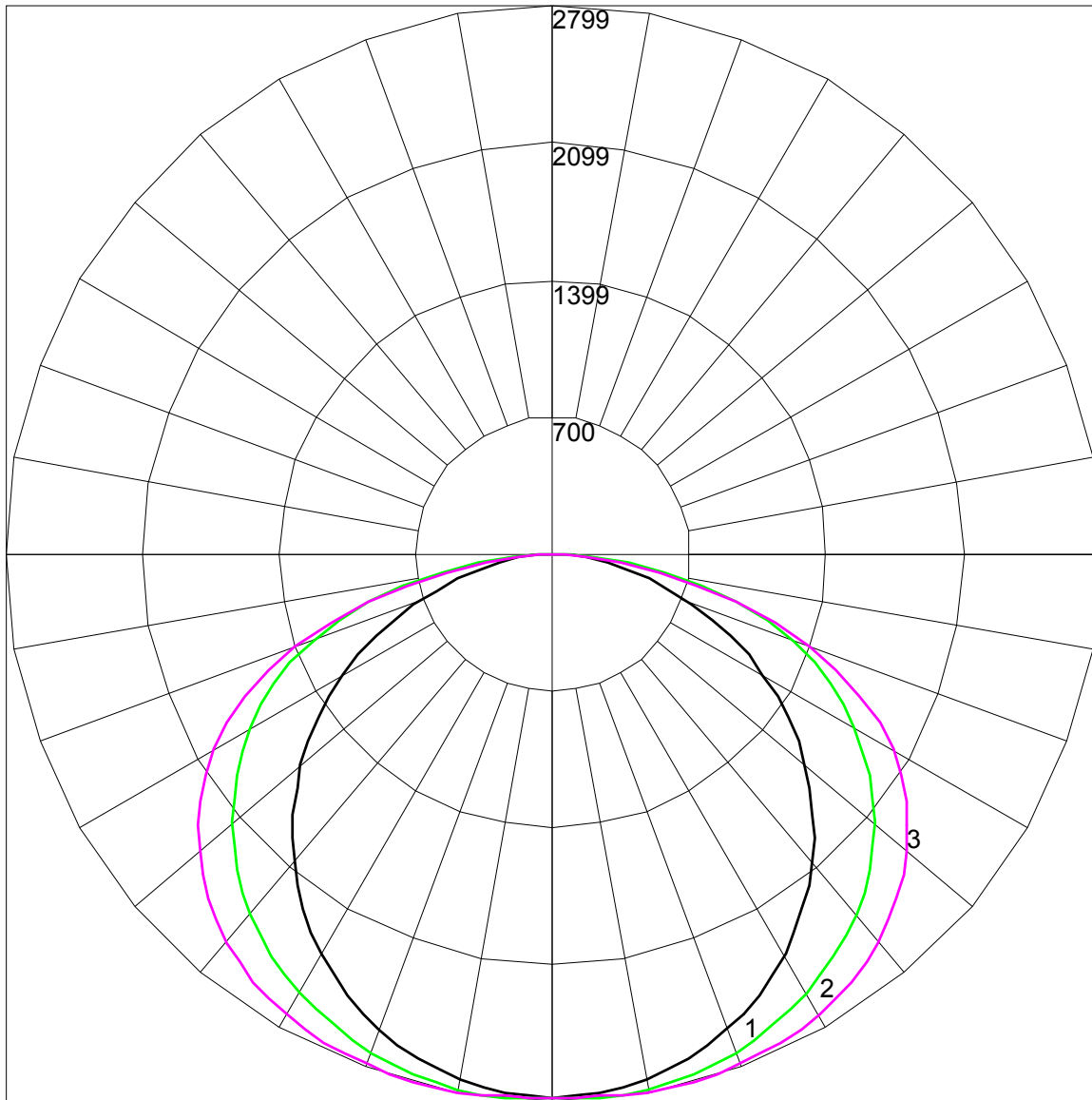
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	100	100	100	100	97	97	97	97	93	93	93	89	89	89	85	85	85	84
1	90	86	82	78	88	84	80	77	80	77	75	77	75	72	74	72	70	68
2	81	74	68	62	79	72	66	62	69	64	60	66	62	59	64	60	57	56
3	74	64	57	51	71	63	56	50	60	54	49	58	53	49	56	51	48	46
4	67	56	48	42	65	55	48	42	53	47	42	51	45	41	49	44	40	38
5	61	50	42	36	59	49	41	36	47	40	35	45	40	35	44	39	35	33
6	56	45	37	31	55	44	36	31	42	36	31	41	35	30	39	34	30	28
7	52	40	33	27	51	40	32	27	38	32	27	37	31	27	36	31	26	25
8	48	37	29	24	47	36	29	24	35	28	24	34	28	24	33	27	24	22
9	45	33	26	22	44	33	26	21	32	26	21	31	25	21	30	25	21	19
10	42	31	24	19	41	30	24	19	30	23	19	29	23	19	28	23	19	18

POLAR GRAPH



Maximum Candela = 2798.6 Located At Horizontal Angle = 67.5, Vertical Angle = 10

- # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
- # 2 - Vertical Plane Through Horizontal Angles (45 - 225)
- # 3 - Vertical Plane Through Horizontal Angles (90 - 270)