



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 3902291-3546-A.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] 21247
[MANUFAC]LDPI LIGHTING - SUSPENDED LUMINAIRE - INDUSTRIAL
[LUMCAT]3902291-3546-A
[LUMINAIRE]WITH WHITE INTERIOR AND FLAT PRISMATIC PLASTIC 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 99 WATTS

CHARACTERISTICS

Total Rated Lamp Lumens 11800 (4 lamps)
Total Luminaire Efficiency 69.3 %
CIE Type Direct
Spacing Criteria (0-180) 1.20
Spacing Criteria (90-270) 1.26
Spacing Criteria (Diagonal) 1.38
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	5602	6076	6081
55	5352	5967	5957
65	4977	5687	5691
75	4179	4843	5001
85	2516	3057	3656

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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	2209.49	18.7	27
0-40	3613.34	30.6	44.2
0-60	6413.51	54.4	78.4
0-90	8177.85	69.3	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	8177.85	69.3	100

Total Luminaire Efficiency = 69.3%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	271.64
10-20	771.53
20-30	1166.32
30-40	1403.85
40-50	1461.88
50-60	1338.28
60-70	1032.84
70-80	581.09
80-90	150.42
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

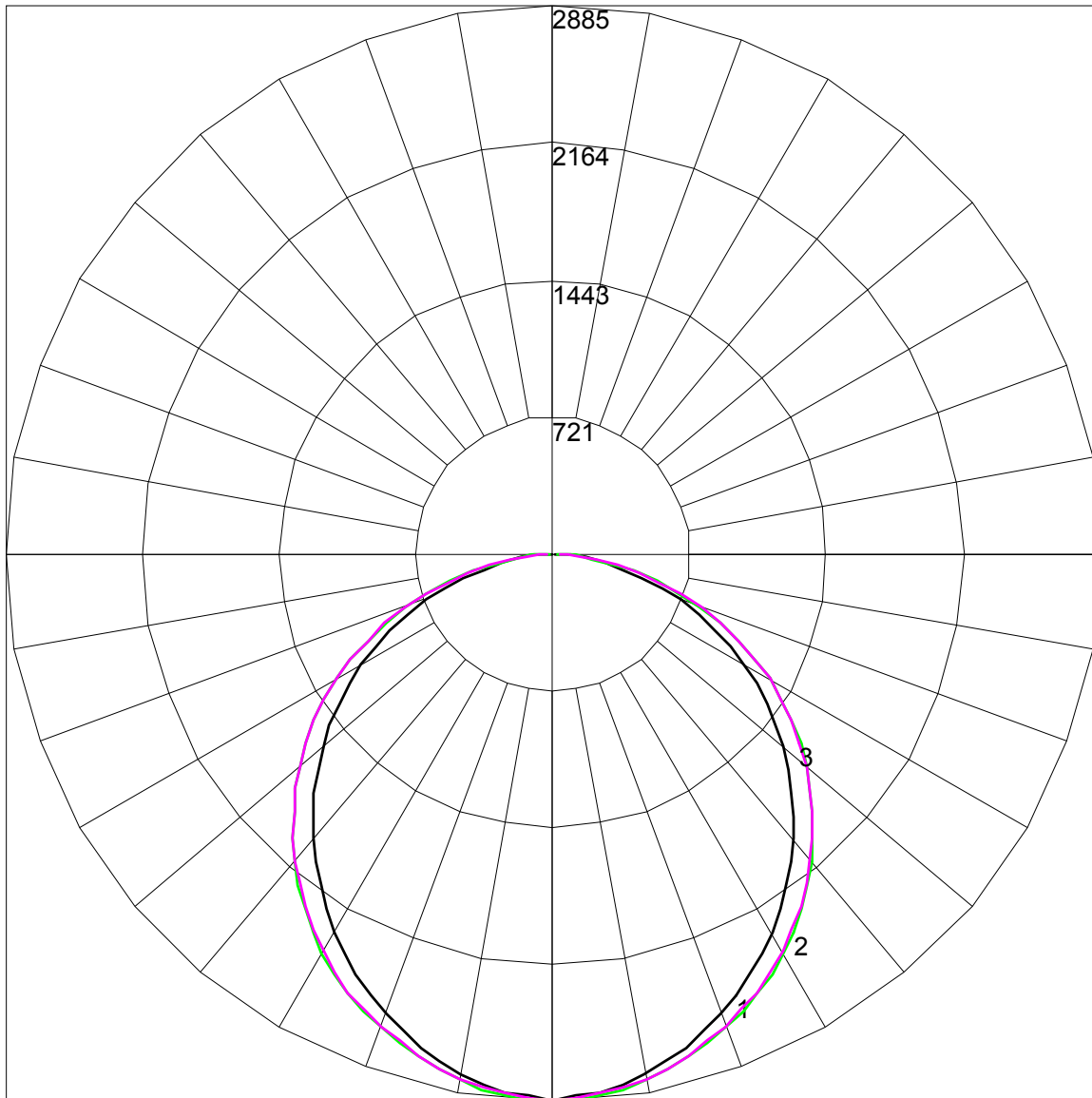
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 390229I-3546-A.IES

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	83	83	83	83	81	81	81	81	77	77	77	74	74	74	71	71	71	69
1	75	72	69	66	73	70	68	65	67	65	63	65	63	61	62	61	59	58
2	68	63	58	54	67	61	57	53	59	55	52	57	53	51	54	52	50	48
3	62	55	49	45	61	54	48	44	52	47	43	50	46	43	48	45	42	40
4	57	49	42	38	55	48	42	37	46	41	37	44	40	36	43	39	36	34
5	52	43	37	32	51	43	37	32	41	36	32	40	35	32	38	34	31	30
6	48	39	33	28	47	38	32	28	37	32	28	36	31	28	35	31	27	26
7	45	35	29	25	44	35	29	25	34	28	25	33	28	24	32	27	24	23
8	42	32	26	22	41	32	26	22	31	26	22	30	25	22	29	25	22	20
9	39	30	24	20	38	29	24	20	28	23	20	28	23	20	27	23	20	18
10	36	27	22	18	36	27	22	18	26	21	18	26	21	18	25	21	18	17

POLAR GRAPH



Maximum Candela = 2885.3 Located At Horizontal Angle = 45, Vertical Angle = 2.5

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