



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 390460-HB-3265.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] 21248
[MANUFAC]LDPI LIGHTING - HIGH BAY LUMINAIRE
[LUMCAT]390460-HB-3265
[LUMINAIRE]WITH SPECULAR REFLECTOR AND CLEAR FLAT GLASS LENS
[LAMP]SIX PHILIPS 54 WATT T5 LAMPS
[LAMPCAT]F54T5/841/HO. LUMEN RATING = 4500 LMS.
[OTHER]THREE ULTRASAVE ER254120M BALLAST OPERATING AT 120 VAC AND 298 WATTS

CHARACTERISTICS

Total Rated Lamp Lumens 27000 (6 lamps)
Total Luminaire Efficiency 62 %
CIE Type Direct
Spacing Criteria (0-180) 1.02
Spacing Criteria (90-270) 1.22
Spacing Criteria (Diagonal) 1.20
Basic Luminous Shape Rectangular
Luminous Length (0-180) 3.65 ft
Luminous Width (90-270) 1.50 ft
Luminous Height 0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9595	11867	14574
55	5552	8713	13056
65	1955	4322	10555
75	751	1140	6439
85	521	536	1334

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	6113.81	22.6	36.5
0-40	9630.74	35.7	57.5
0-60	15199.01	56.3	90.7
0-90	16751.22	62	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	16751.22	62	100

Total Luminaire Efficiency = 62%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	801.3
10-20	2199.43
20-30	3113.08
30-40	3516.93
40-50	3256.2
50-60	2312.07
60-70	1167.93
70-80	341.34
80-90	42.94
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

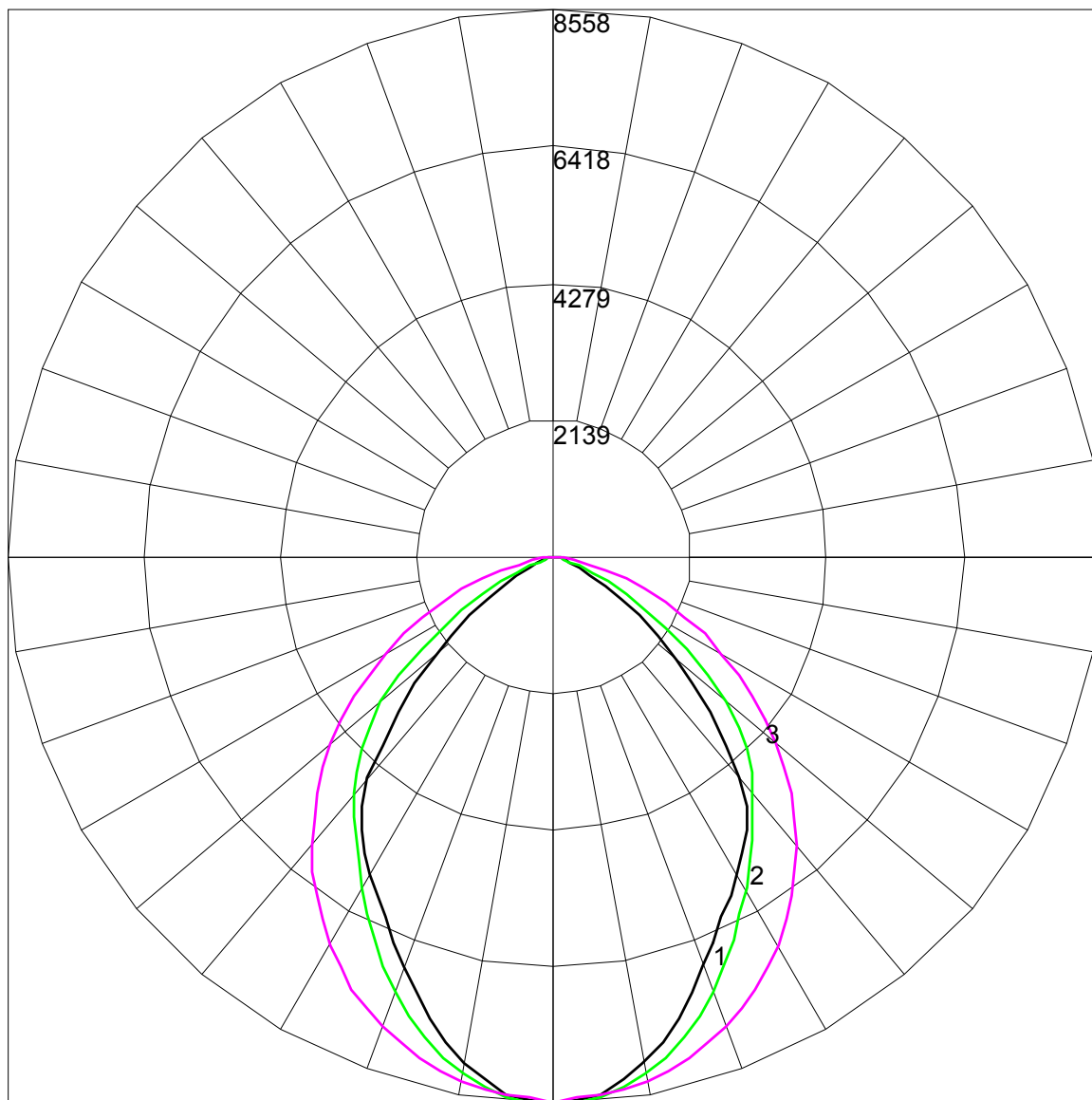
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	74	74	74	74	72	72	72	72	69	69	69	66	66	66	63	63	63	62
1	69	66	64	62	67	65	63	61	63	61	59	60	59	58	58	57	56	55
2	64	59	56	53	62	58	55	52	56	53	51	54	52	50	52	50	49	48
3	59	53	49	45	57	52	48	45	50	47	44	49	46	43	47	45	43	41
4	54	48	43	39	53	47	43	39	45	42	39	44	41	38	43	40	38	36
5	50	43	38	35	49	43	38	34	41	37	34	40	36	34	39	36	33	32
6	47	39	34	31	46	39	34	31	38	33	30	37	33	30	36	32	30	29
7	44	36	31	27	43	35	31	27	34	30	27	34	30	27	33	29	27	26
8	41	33	28	25	40	33	28	25	32	28	25	31	27	24	30	27	24	23
9	38	30	26	22	37	30	25	22	29	25	22	29	25	22	28	25	22	21
10	36	28	24	21	35	28	23	20	27	23	20	27	23	20	26	23	20	19

POLAR GRAPH



Maximum Candela = 8557.6 Located At Horizontal Angle = 0, Vertical Angle = 0

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