



IES INDOOR REPORT

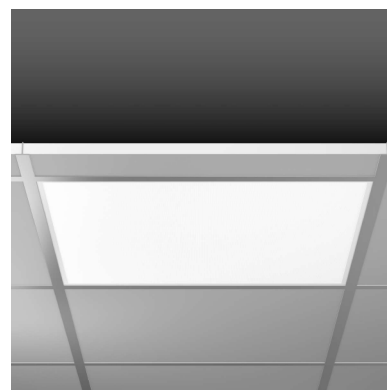
PHOTOMETRIC FILENAME : 312627.002.1.790MAL-M1200[35W].IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]
[TESTLAB]
[ISSUE DATE]
[MANUFAC] RZB
[LUMCAT] 312627.002.1.790MAL-M1200
[LUMINAIRE] Kaleea CRI90
[LAMPCAT]
[LAMP] LED 840

CHARACTERISTICS

Lumens Per Lamp	3450 (1 lamp)
Total Lamp Lumens	3450
Luminaire Lumens	3450
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	35
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.28
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.20 m
Luminous Width (90-270)	0.30 m
Luminous Height	0.00 m



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3307	3115	3105
55	1939	2034	1898
65	1244	1503	1416
75	1430	1322	1690
85	1788	2224	2148

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ZONAL LUMEN SUMMARY

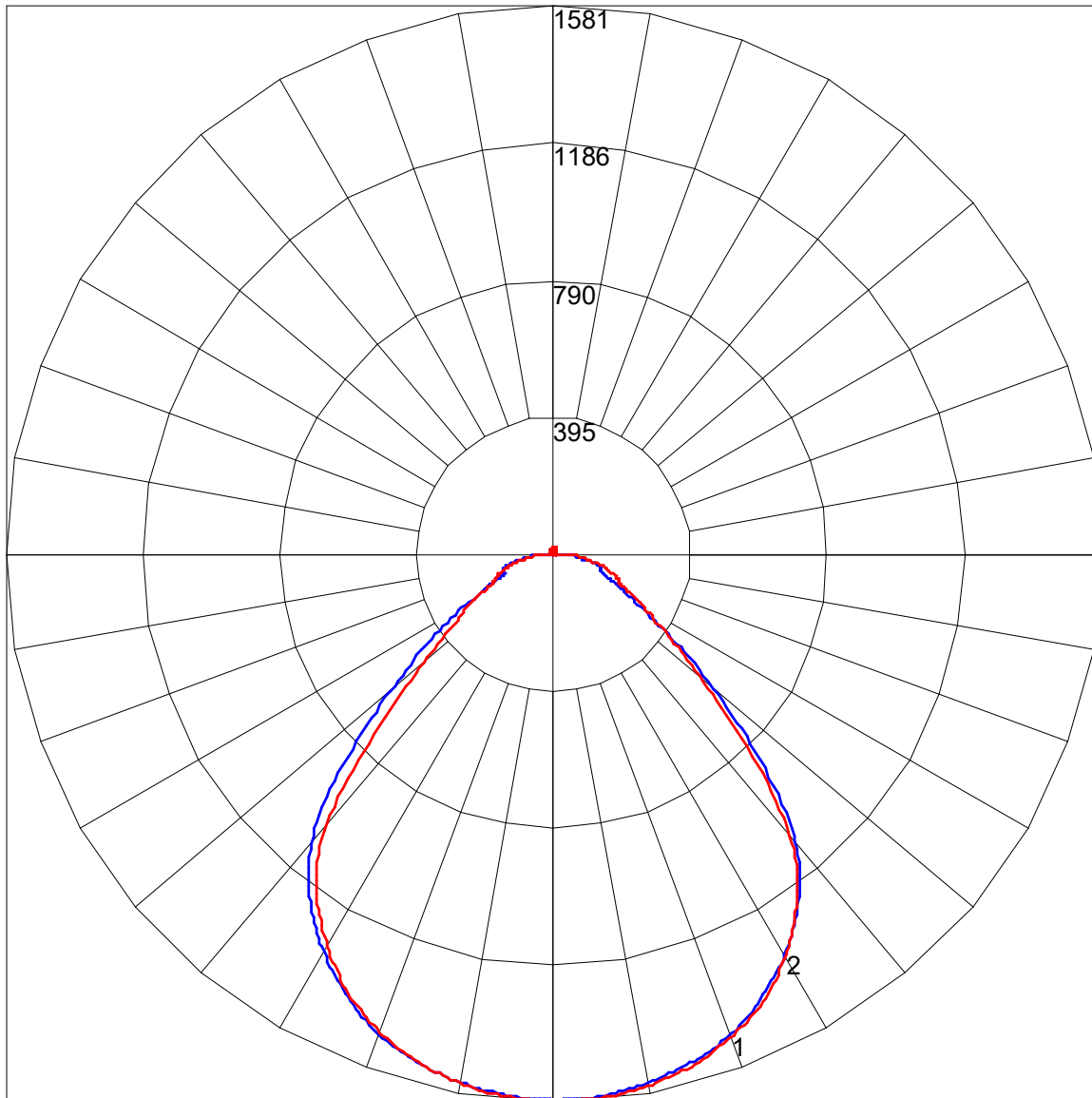
Zone	Lumens	%Lamp	%Fixt
0-20	578.75	16.80	16.80
0-30	1228.59	35.60	35.60
0-40	1984.71	57.50	57.50
0-60	2969.76	86.10	86.10
0-80	3330.39	96.50	96.50
0-90	3393.93	98.40	98.40
10-90	3244.58	94.00	94.00
20-40	1405.96	40.80	40.80
20-50	2021.83	58.60	58.60
40-70	1206.38	35.00	35.00
60-80	360.63	10.50	10.50
70-80	139.30	4.00	4.00
80-90	63.54	1.80	1.80
90-110	8.37	0.20	0.20
90-120	15.51	0.40	0.40
90-130	24.12	0.70	0.70
90-150	41.85	1.20	1.20
90-180	56.04	1.60	1.60
110-180	47.67	1.40	1.40
0-180	3449.97	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	149.35
10-20	429.40
20-30	649.84
30-40	756.12
40-50	615.87
50-60	369.18
60-70	221.33
70-80	139.30
80-90	63.54
90-100	3.27
100-110	5.10
110-120	7.13
120-130	8.61
130-140	9.13
140-150	8.61
150-160	7.27
160-170	5.06
170-180	1.86

POLAR GRAPH



Maximum Candela = 1580.833 Located At Horizontal Angle = 90, Vertical Angle = 1.5

1 - Vertical Plane Through Horizontal Angles (0 - 180)

2 - Vertical Plane Through Horizontal Angles (90 - 270)