



IES INDOOR REPORT

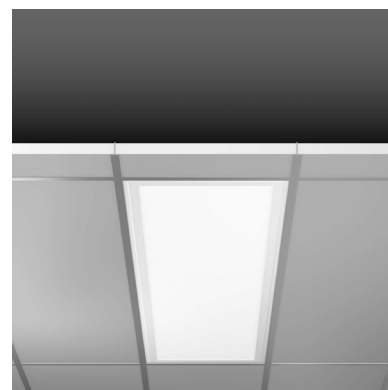
PHOTOMETRIC FILENAME : 312627.002.1.790MAL-M1200[25W].IES

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	2550 (1 lamp)
Total Lamp Lumens	2550
Luminaire Lumens	2550
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	25
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	2445	2303	2295
55	1433	1504	1403
65	919	1111	1047
75	1057	977	1249
85	1321	1644	1588

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ZONAL LUMEN SUMMARY

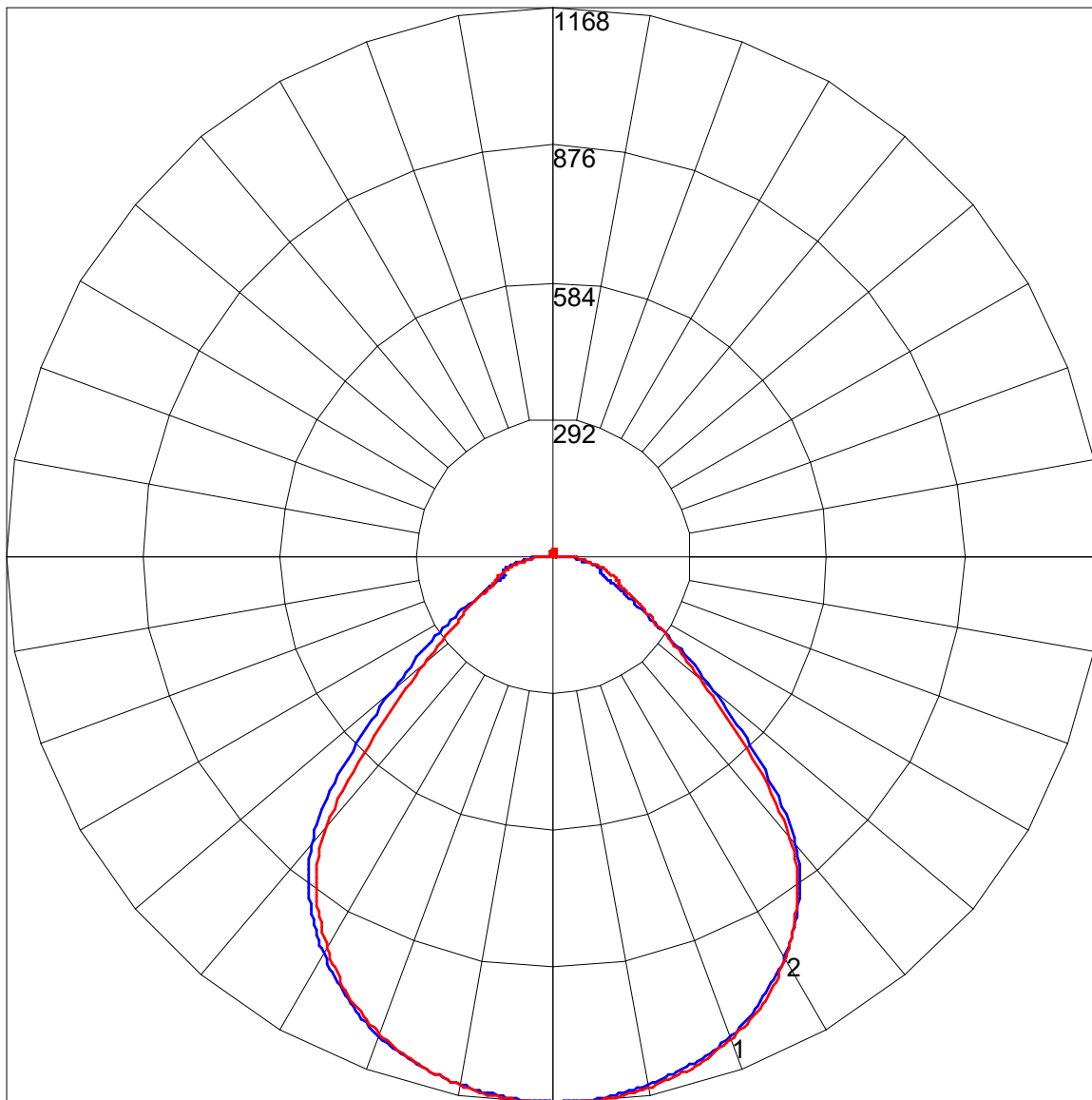
Zone	Lumens	%Lamp	%Fixt
0-20	427.77	16.80	16.80
0-30	908.09	35.60	35.60
0-40	1466.96	57.50	57.50
0-60	2195.04	86.10	86.10
0-80	2461.6	96.50	96.50
0-90	2508.56	98.40	98.40
10-90	2398.17	94.00	94.00
20-40	1039.19	40.80	40.80
20-50	1494.4	58.60	58.60
40-70	891.67	35.00	35.00
60-80	266.55	10.50	10.50
70-80	102.96	4.00	4.00
80-90	46.96	1.80	1.80
90-110	6.19	0.20	0.20
90-120	11.46	0.40	0.40
90-130	17.83	0.70	0.70
90-150	30.94	1.20	1.20
90-180	41.42	1.60	1.60
110-180	35.24	1.40	1.40
0-180	2549.98	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	110.39
10-20	317.39
20-30	480.32
30-40	558.87
40-50	455.21
50-60	272.87
60-70	163.59
70-80	102.96
80-90	46.96
90-100	2.42
100-110	3.77
110-120	5.27
120-130	6.36
130-140	6.75
140-150	6.36
150-160	5.37
160-170	3.74
170-180	1.37

POLAR GRAPH



Maximum Candela = 1168.444 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)