



## IES INDOOR REPORT

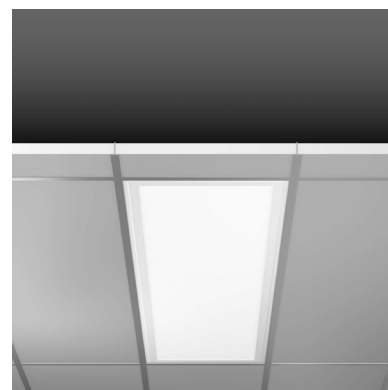
PHOTOMETRIC FILENAME : 312627.002.1.790MAL-M1200[32W].IES

### 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	3250 (1 lamp)
Total Lamp Lumens	3250
Luminaire Lumens	3250
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	32
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	3116	2935	2925
55	1827	1917	1788
65	1172	1416	1334
75	1347	1246	1592
85	1684	2095	2024

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**ZONAL LUMEN SUMMARY**

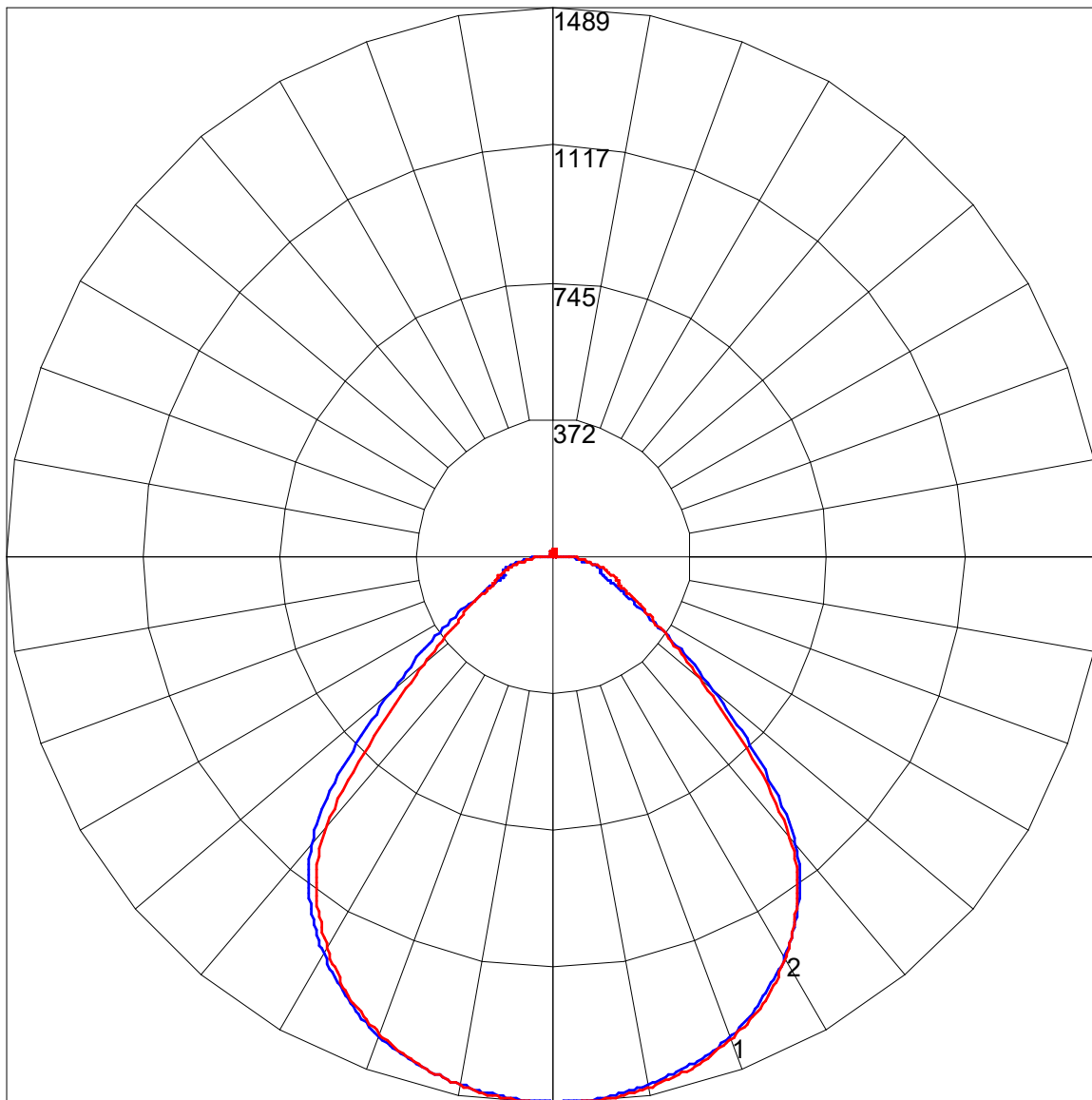
Zone	Lumens	%Lamp	%Fixt
0-20	545.20	16.80	16.80
0-30	1157.37	35.60	35.60
0-40	1869.66	57.50	57.50
0-60	2797.61	86.10	86.10
0-80	3137.33	96.50	96.50
0-90	3197.19	98.40	98.40
10-90	3056.49	94.00	94.00
20-40	1324.46	40.80	40.80
20-50	1904.62	58.60	58.60
40-70	1136.45	35.00	35.00
60-80	339.73	10.50	10.50
70-80	131.23	4.00	4.00
80-90	59.85	1.80	1.80
90-110	7.89	0.20	0.20
90-120	14.61	0.40	0.40
90-130	22.72	0.70	0.70
90-150	39.43	1.20	1.20
90-180	52.79	1.60	1.60
110-180	44.91	1.40	1.40
0-180	3249.98	100.00	100.00

Total Luminaire Efficiency = 100.00%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	140.69
10-20	404.51
20-30	612.17
30-40	712.29
40-50	580.17
50-60	347.78
60-70	208.50
70-80	131.23
80-90	59.85
90-100	3.08
100-110	4.81
110-120	6.72
120-130	8.11
130-140	8.60
140-150	8.11
150-160	6.85
160-170	4.77
170-180	1.75

POLAR GRAPH



Maximum Candela = 1489.194 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)