



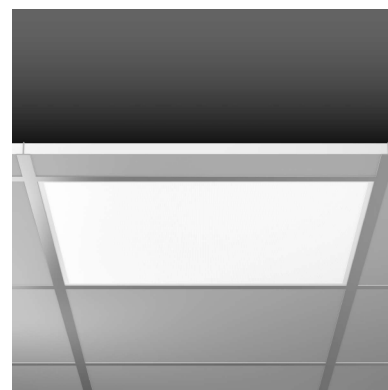
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 312627.002.1.790[28W].IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] RZB  
[TESTLAB] RZB  
[ISSUE DATE] July 2022  
[MANUFAC] RZB  
[LUMCAT] 312627.002.1.790  
[LUMINAIRE] Kaleea CRI90  
[LAMPCAT] -  
[LAMP] LED

**CHARACTERISTICS**

Lumens Per Lamp	3800 (1 lamp)
Total Lamp Lumens	3800
Luminaire Lumens	3800
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	136
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.28
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.56 m
Luminous Width (90-270)	0.56 m
Luminous Height	0.00 m



**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4304	4071	3930
55	2814	2808	2500
65	1600	2028	1949
75	1998	1831	1844
85	2373	2588	2351

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**ZONAL LUMEN SUMMARY**

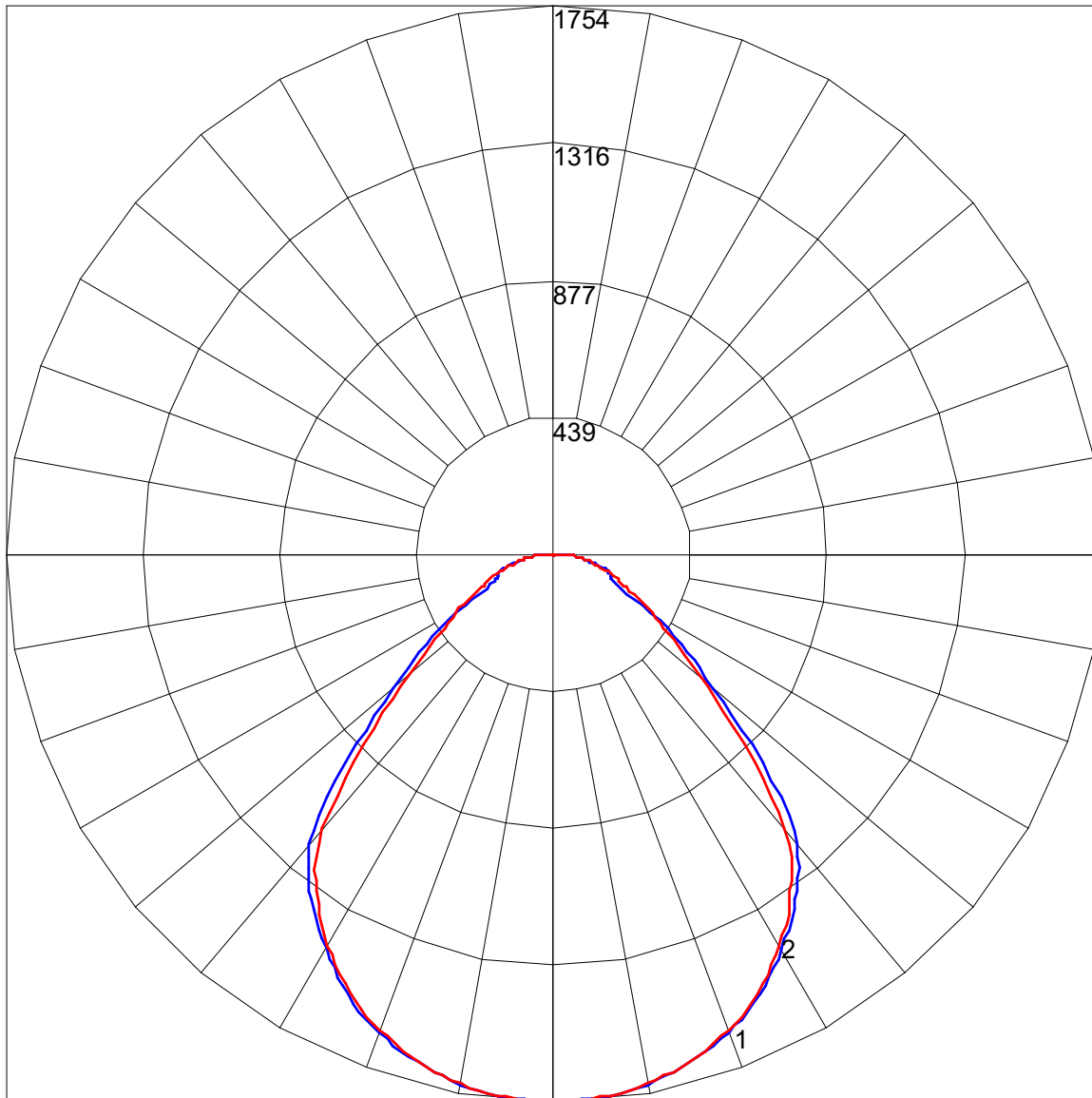
Zone	Lumens	%Lamp	%Fixt
0-20	641.54	16.90	16.90
0-30	1356.38	35.70	35.70
0-40	2189.38	57.60	57.60
0-60	3316.56	87.30	87.30
0-80	3732.41	98.20	98.20
0-90	3799.95	100.00	100.00
10-90	3633.83	95.60	95.60
20-40	1547.84	40.70	40.70
20-50	2241.58	59.00	59.00
40-70	1384.67	36.40	36.40
60-80	415.85	10.90	10.90
70-80	158.36	4.20	4.20
80-90	67.53	1.80	1.80
90-110	0.20	0.00	0.00
90-120	0.25	0.00	0.00
90-130	0.25	0.00	0.00
90-150	0.25	0.00	0.00
90-180	0.25	0.00	0.00
110-180	0.04	0.00	0.00
0-180	3800.19	100.00	100.00

Total Luminaire Efficiency = 100.00%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	166.11
10-20	475.43
20-30	714.84
30-40	833.00
40-50	693.74
50-60	433.44
60-70	257.49
70-80	158.36
80-90	67.53
90-100	0.19
100-110	0.01
110-120	0.04
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

POLAR GRAPH



Maximum Candela = 1754.3 Located At Horizontal Angle = 45, Vertical Angle = 2

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

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