



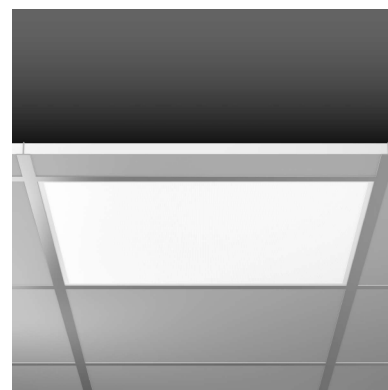
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 312627.002.1.790[24W].IES

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 | 3300 (1 lamp) |
| Total Lamp Lumens | 3300 |
| Luminaire Lumens | 3300 |
| Total Luminaire Efficiency | 100 % |
| Luminaire Efficacy Rating (LER) | 138 |
| Total Luminaire Watts | 24 |
| 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 | 3721 | 3532 | 3420 |
| 55 | 2433 | 2442 | 2173 |
| 65 | 1396 | 1764 | 1693 |
| 75 | 1740 | 1592 | 1601 |
| 85 | 2065 | 2259 | 2052 |

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ZONAL LUMEN SUMMARY

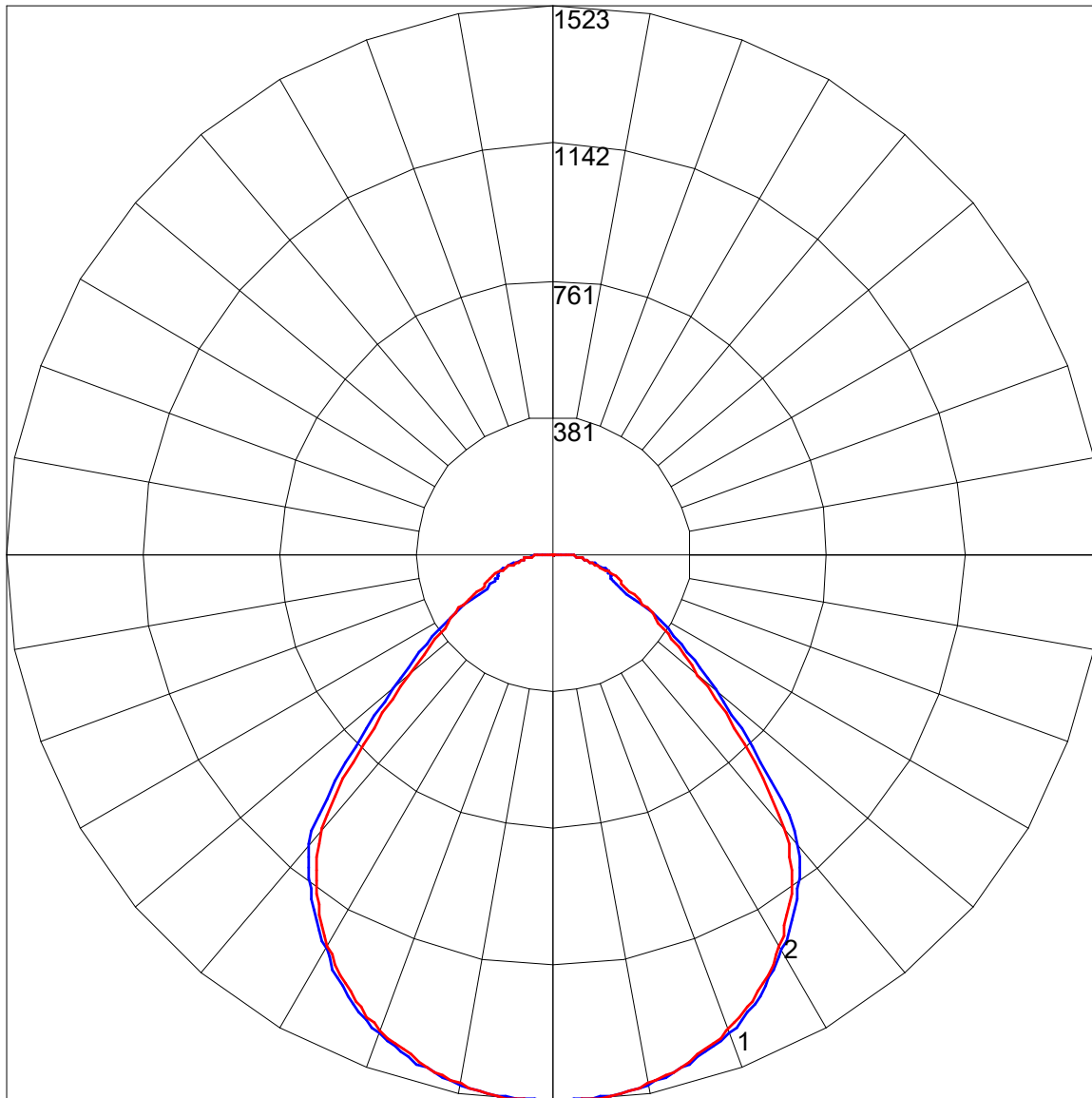
| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|--------|--------|
| 0-20 | 556.97 | 16.90 | 16.90 |
| 0-30 | 1177.52 | 35.70 | 35.70 |
| 0-40 | 1900.56 | 57.60 | 57.60 |
| 0-60 | 2879.43 | 87.30 | 87.30 |
| 0-80 | 3241.05 | 98.20 | 98.20 |
| 0-90 | 3299.88 | 100.00 | 100.00 |
| 10-90 | 3155.69 | 95.60 | 95.60 |
| 20-40 | 1343.6 | 40.70 | 40.70 |
| 20-50 | 1945.98 | 59.00 | 59.00 |
| 40-70 | 1202.72 | 36.40 | 36.40 |
| 60-80 | 361.62 | 11.00 | 11.00 |
| 70-80 | 137.77 | 4.20 | 4.20 |
| 80-90 | 58.83 | 1.80 | 1.80 |
| 90-110 | 0.25 | 0.00 | 0.00 |
| 90-120 | 0.31 | 0.00 | 0.00 |
| 90-130 | 0.31 | 0.00 | 0.00 |
| 90-150 | 0.31 | 0.00 | 0.00 |
| 90-180 | 0.31 | 0.00 | 0.00 |
| 110-180 | 0.06 | 0.00 | 0.00 |
| 0-180 | 3300.2 | 100.00 | 100.00 |

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 144.19 |
| 10-20 | 412.77 |
| 20-30 | 620.56 |
| 30-40 | 723.04 |
| 40-50 | 602.38 |
| 50-60 | 376.49 |
| 60-70 | 223.85 |
| 70-80 | 137.77 |
| 80-90 | 58.83 |
| 90-100 | 0.21 |
| 100-110 | 0.05 |
| 110-120 | 0.06 |
| 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 = 1522.548 Located At Horizontal Angle = 0, Vertical Angle = 0

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

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