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LumCAT:

Luminaire: rocket sm cob t3 serie 2 fm

LampCAT: modulo led 12.5W 3000K irc 90

Ballast type: led driver 350mA

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.1100

Number of Lamps: 1

Power (W): 13.7400

Lamp flux(lm): 1550.0

PF: 0.9800

Length(mm): 55

Width(mm): 55

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 1095.57, Efficiency(%): 70.68% , Luminous Efficacy(lm/W): 79.74

Central intensity(cd): 3759.762, Maximum intensity(cd): 3759.762

Angle of maximum intensity: C=0.0 γ =0.0

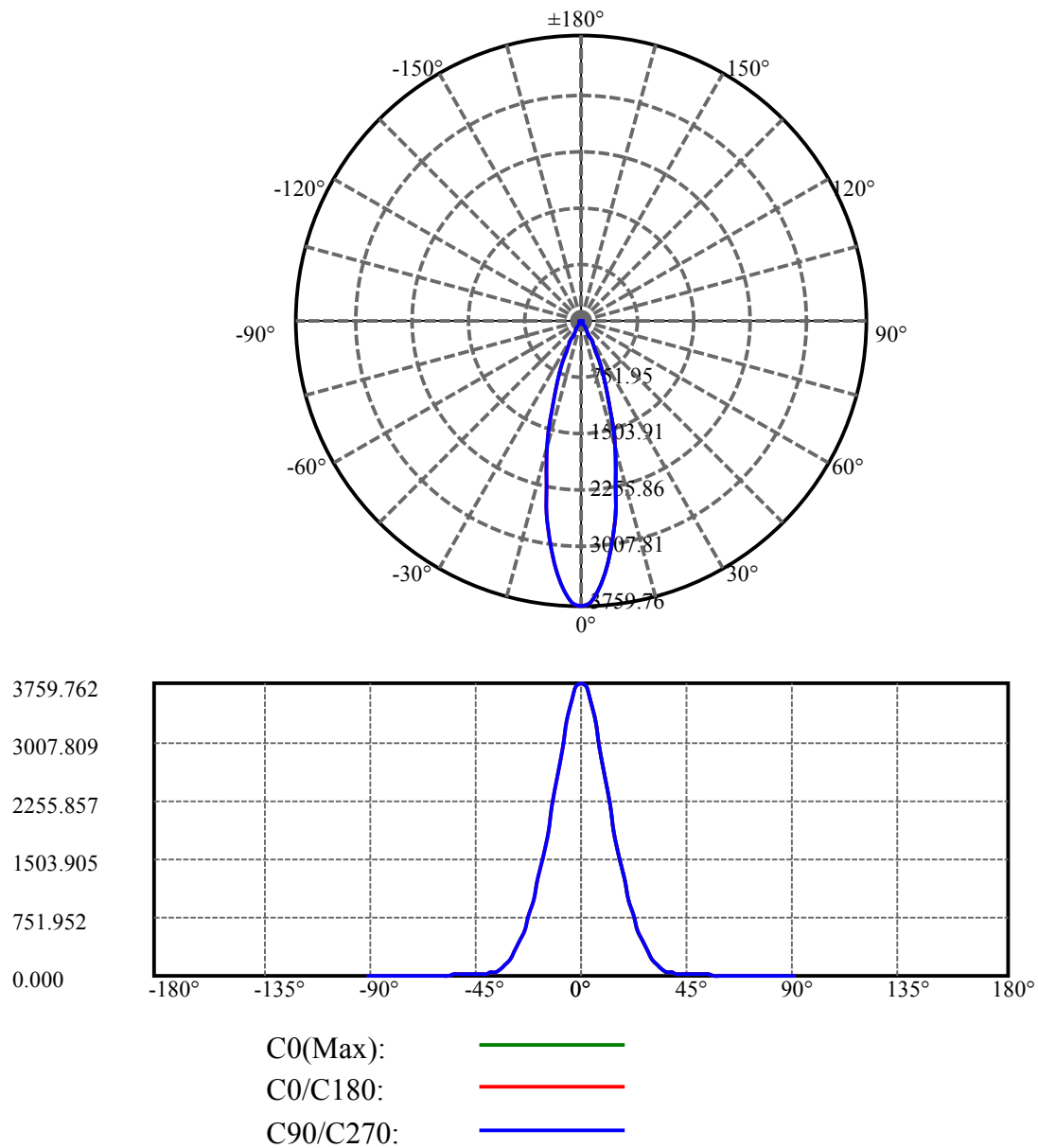
Beam angle of C0 plane : 27.65

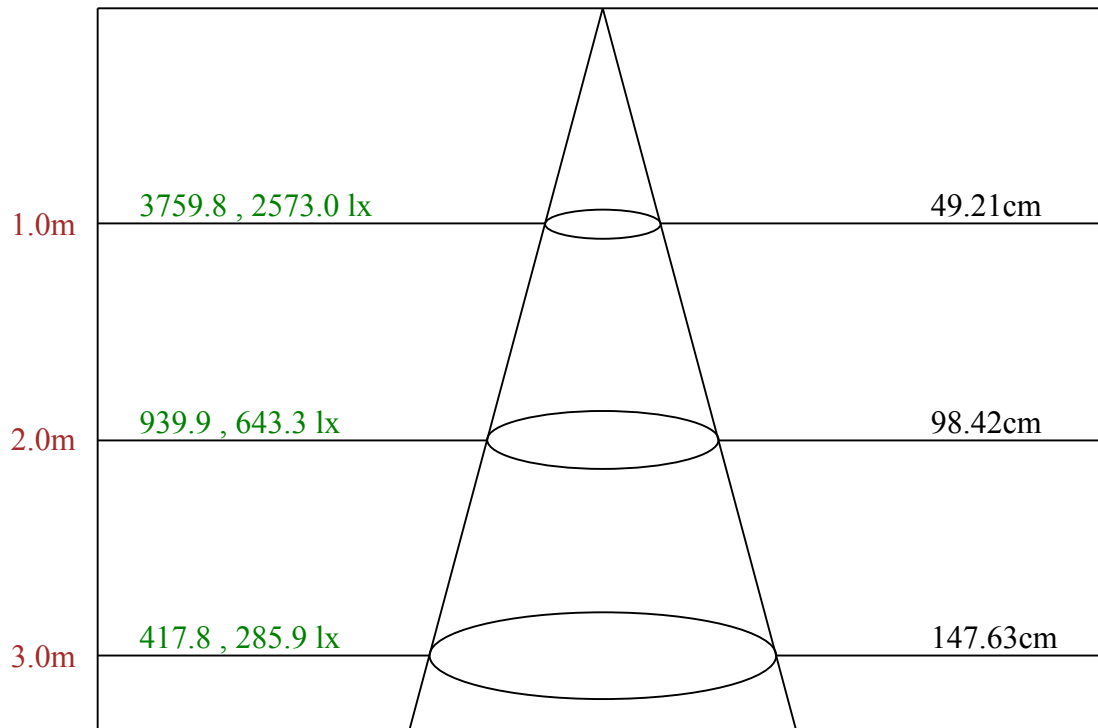
Average BeamAngle(IEC 61341): 27.65

Equipment: equipamento lumini
Temperature(°C): 25.5

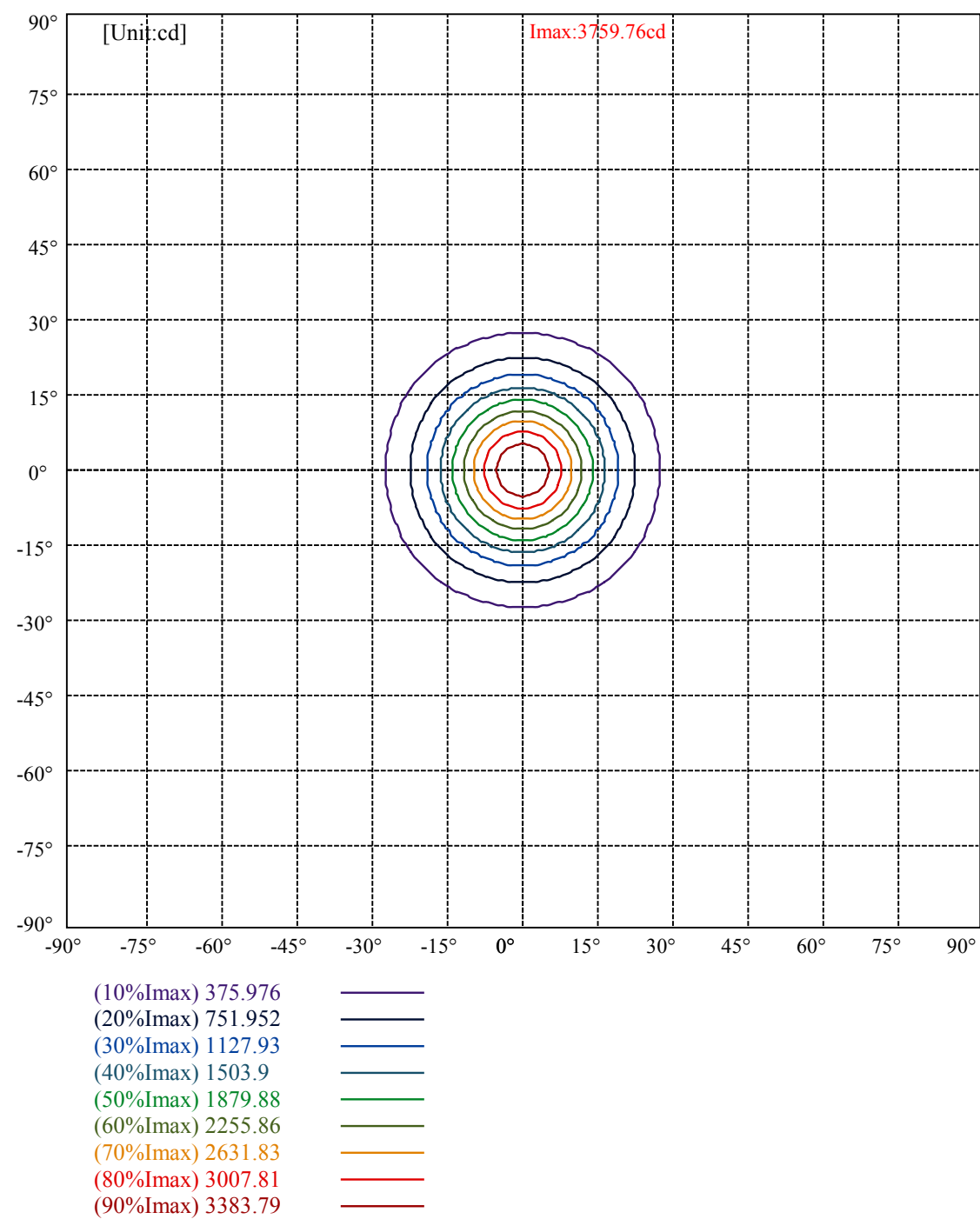
Date: 5/9/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 27.65



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Luminance Limiting Curve(no luminous side)

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Luminance Table

| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|----|------|----|------|----|------|----|------|----|
| C0 | 0 | 8359 | 0 | 5733 | 0 | 3572 | 0 | 5529 | 0 |
| C45 | 0 | 8359 | 0 | 5733 | 0 | 3572 | 0 | 5529 | 0 |
| C90 | 0 | 8359 | 0 | 5733 | 0 | 3572 | 0 | 5529 | 0 |

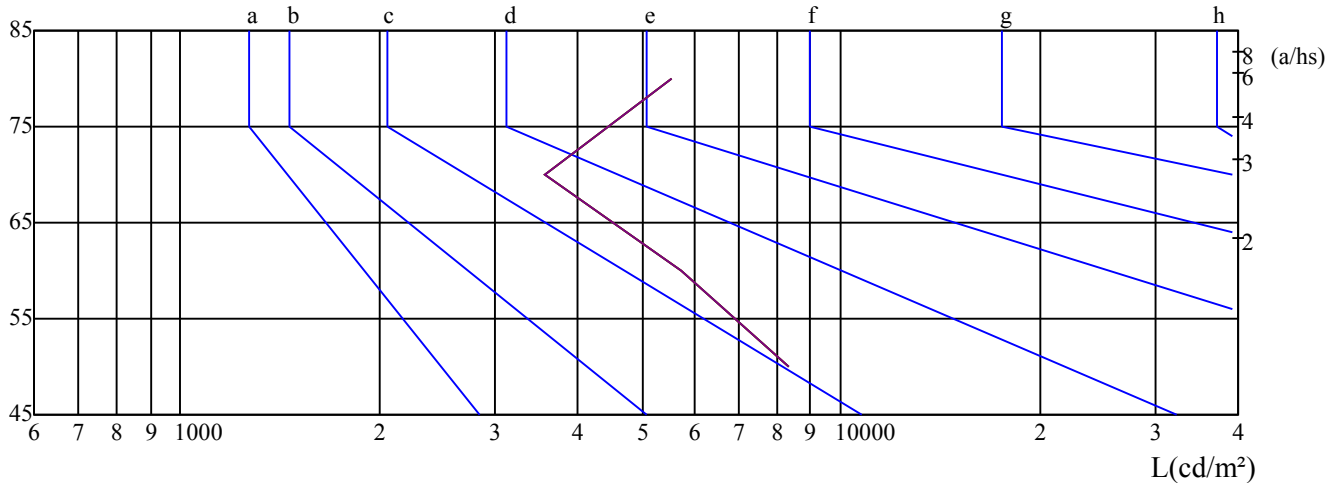
| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| 4567 | 4567 | 4567 | 4051 | 4051 | 4051 | 10970 | 10970 | 10970 |

Glare Table

| Glare | Quality | Service Values Illuminance(lx) | | | | | | | |
|-------|---------|--------------------------------|------|------|------------|------------|------------|------------|------------|
| 1.15 | A | 2000 | 1000 | 500 | ≤ 300 | | | | |
| 1.5 | B | | 2000 | 1000 | 500 | ≤ 300 | | | |
| 1.85 | C | | | 2000 | 1000 | 500 | ≤ 300 | | |
| 2.2 | D | | | | 2000 | 1000 | 500 | ≤ 300 | |
| 2.55 | E | | | | | 2000 | 1000 | 500 | ≤ 300 |
| | | a | b | c | d | e | f | g | h |

Luminance Limiting Curve

$\gamma(^{\circ})$



C0 ———

C45 ———

C90 ———

Equipment: equipamento lumini
Temperature($^{\circ}\text{C}$): 25.5

Date: 5/9/2024
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90

| Illumination assessment according UGR | | | | | | | | | | | |
|---|-----|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Rf of Ceiling | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | |
| Rf of Wall | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | |
| Rf of Floor | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X | Y | | | | | | | | | | |
| 2H | 2H | 14.44 | 15.37 | 14.80 | 15.68 | 16.00 | 14.49 | 15.42 | 14.85 | 15.73 | 16.05 |
| | 3H | 14.59 | 15.42 | 14.98 | 15.76 | 16.11 | 14.65 | 15.48 | 15.03 | 15.81 | 16.16 |
| | 4H | 14.64 | 15.41 | 15.05 | 15.77 | 16.13 | 14.70 | 15.46 | 15.10 | 15.82 | 16.19 |
| | 6H | 14.83 | 15.53 | 15.24 | 15.90 | 16.30 | 14.87 | 15.57 | 15.29 | 15.95 | 16.35 |
| | 8H | 14.97 | 15.63 | 15.39 | 16.02 | 16.43 | 15.01 | 15.68 | 15.43 | 16.06 | 16.47 |
| | 12H | 15.20 | 15.83 | 15.63 | 16.23 | 16.64 | 15.24 | 15.87 | 15.67 | 16.27 | 16.69 |
| 4H | 2H | 14.39 | 15.16 | 14.79 | 15.51 | 15.88 | 14.44 | 15.21 | 14.84 | 15.56 | 15.93 |
| | 3H | 14.61 | 15.25 | 15.04 | 15.65 | 16.07 | 14.66 | 15.30 | 15.08 | 15.70 | 16.11 |
| | 4H | 14.77 | 15.33 | 15.21 | 15.75 | 16.20 | 14.82 | 15.37 | 15.26 | 15.80 | 16.25 |
| | 6H | 15.05 | 15.54 | 15.53 | 16.00 | 16.45 | 15.09 | 15.58 | 15.57 | 16.04 | 16.49 |
| | 8H | 15.33 | 15.78 | 15.82 | 16.24 | 16.72 | 15.37 | 15.82 | 15.85 | 16.28 | 16.75 |
| | 12H | 15.74 | 16.16 | 16.23 | 16.61 | 17.13 | 15.78 | 16.19 | 16.27 | 16.65 | 17.17 |
| 8H | 4H | 14.73 | 15.19 | 15.22 | 15.65 | 16.12 | 14.78 | 15.23 | 15.27 | 15.69 | 16.17 |
| | 6H | 15.18 | 15.55 | 15.69 | 16.03 | 16.54 | 15.22 | 15.59 | 15.72 | 16.07 | 16.58 |
| | 8H | 15.66 | 15.97 | 16.19 | 16.49 | 16.99 | 15.69 | 16.00 | 16.22 | 16.52 | 17.02 |
| | 12H | 16.29 | 16.53 | 16.84 | 17.05 | 17.57 | 16.32 | 16.56 | 16.87 | 17.07 | 17.60 |
| 12H | 4H | 14.73 | 15.15 | 15.22 | 15.60 | 16.12 | 14.77 | 15.19 | 15.27 | 15.64 | 16.17 |
| | 6H | 15.29 | 15.59 | 15.82 | 16.12 | 16.62 | 15.32 | 15.63 | 15.86 | 16.15 | 16.65 |
| | 8H | 15.81 | 16.04 | 16.35 | 16.56 | 17.08 | 15.83 | 16.07 | 16.38 | 16.59 | 17.11 |
| Variation with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | | 3.4/-2.2 | | | | | 3.4/-2.2 | | | | |
| S = 1.5H | | 5.0/-2.3 | | | | | 5.0/-2.3 | | | | |
| S = 2.0H | | 6.3/-2.3 | | | | | 6.3/-2.3 | | | | |
| Standard tables: | | BK3 | | | | | BK3 | | | | |
| Uncorrected UGR | | -3.4 | | | | | -3.4 | | | | |

依据CIE Publ. 117 计算 UGR, S/H = 0.25