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## lumini

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LumCAT:

Luminaire: rocket sm cob t3 serie 2 fc

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

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## Photometric Results

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Lumens(lm): 1152.05, Efficiency(%): 74.33% , Luminous Efficacy(lm/W): 83.85

Central intensity(cd): 4858.219, Maximum intensity(cd): 4858.219

Angle of maximum intensity:  $C=0.0$   $\gamma=0.0$

Beam angle of C0 plane : 23.24

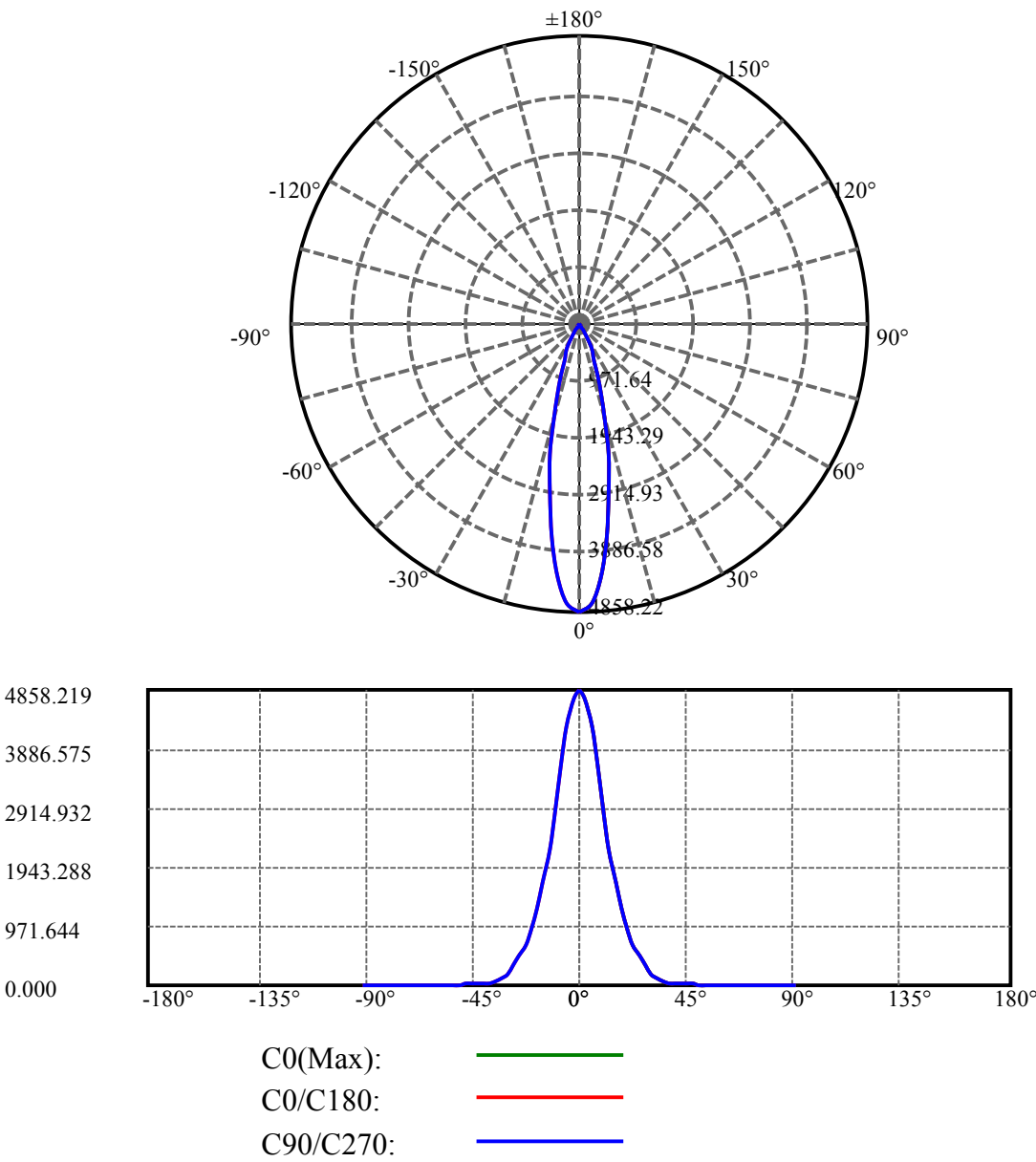
Average BeamAngle(IEC 61341): 23.24

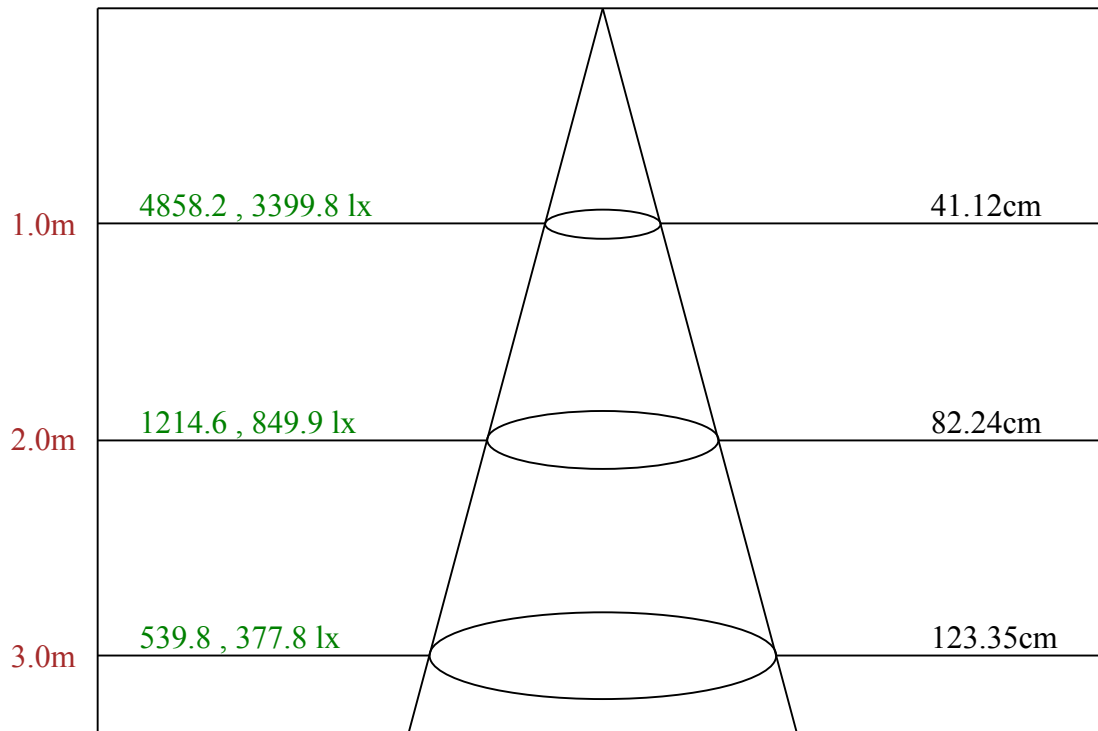
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Equipment: equipamento lumini  
Temperature(°C): 25.5

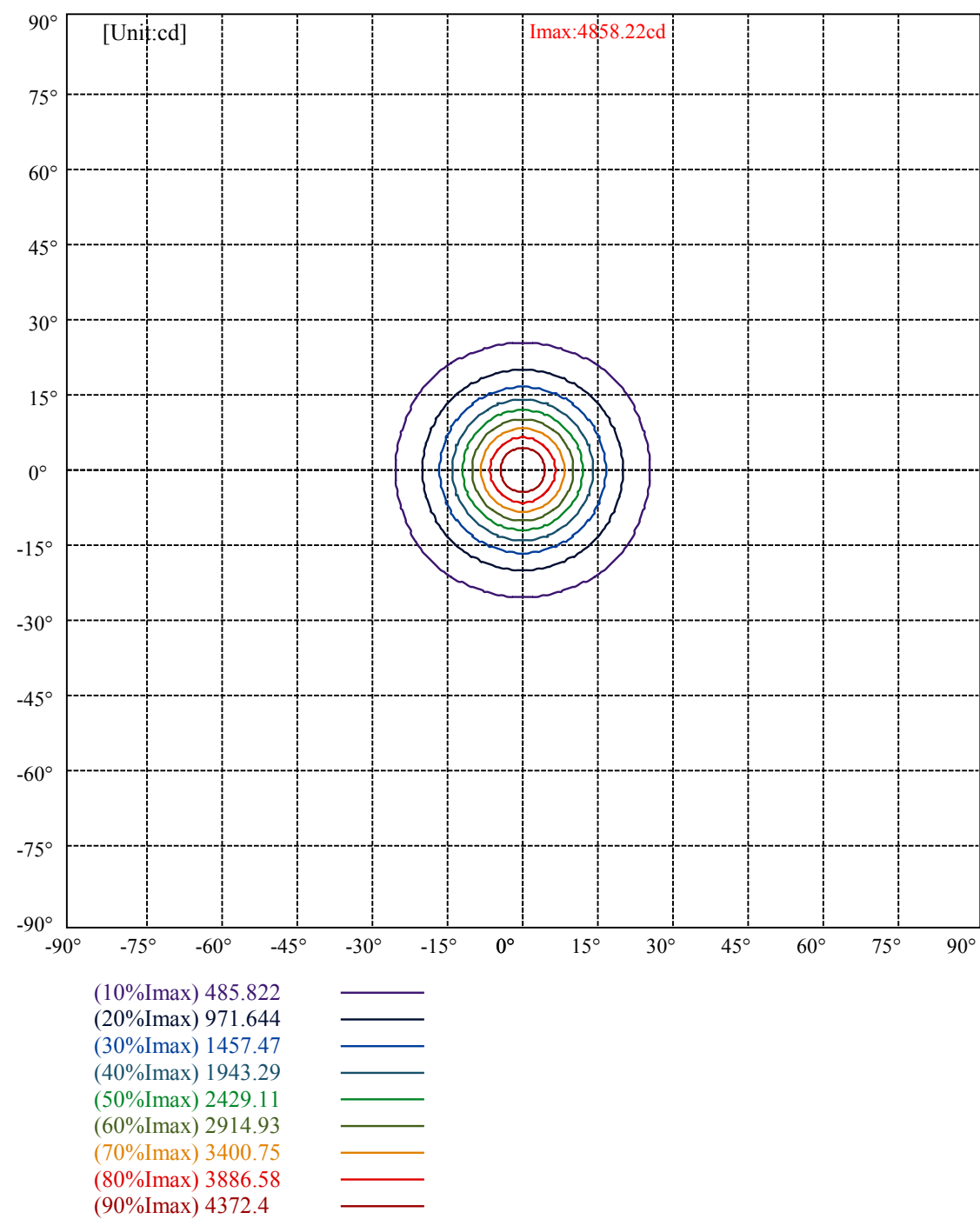
Date: 5/9/2024  
Humidity(%): 55.0%

Operator: 01  
Distance(m): 6.90





Max , Ave      Beam angle of C0 plane 23.24



# lumini

## Luminance Limiting Curve(no luminous side)

Appendix Page: 5 Total:6

Luminance Table

| $\gamma$ | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85    |
|----------|------|------|------|------|------|------|------|------|-------|
| C0       | 9588 | 7695 | 6538 | 5642 | 4567 | 3630 | 4051 | 5755 | 10970 |
| C45      | 9588 | 7695 | 6538 | 5642 | 4567 | 3630 | 4051 | 5755 | 10970 |
| C90      | 9588 | 7695 | 6538 | 5642 | 4567 | 3630 | 4051 | 5755 | 10970 |

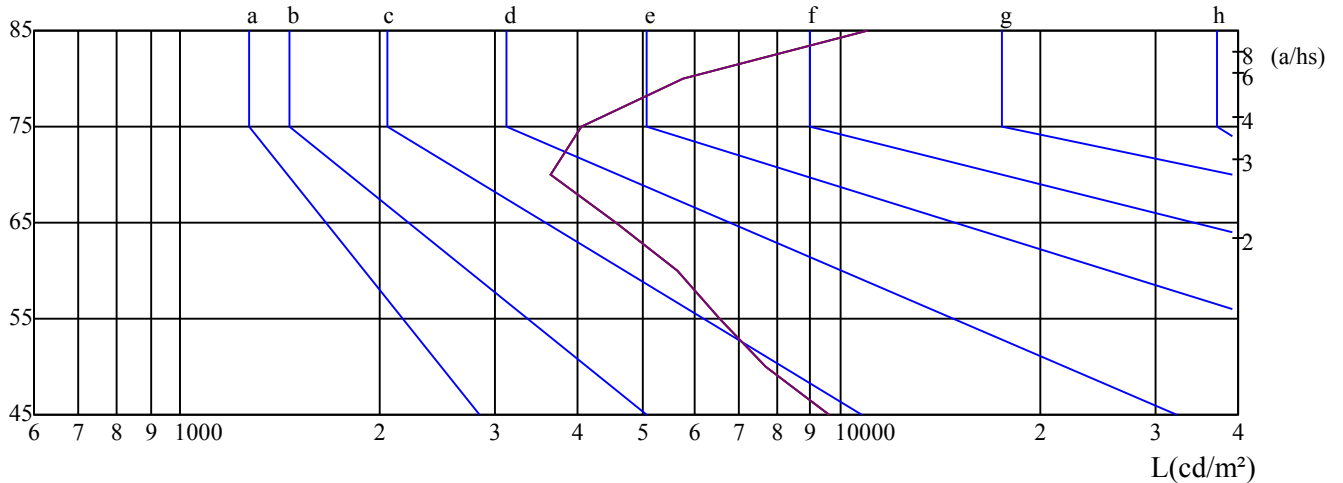
| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| 4567       | 4567       | 4567    | 4051       | 4051       | 4051    | 10970 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

Glare Table

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

Luminance Limiting Curve

$\gamma(^{\circ})$



C0 ———

C45 ———

C90 ———

Equipment: equipamento lumini  
Temperature( $^{\circ}$ 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  | 13.69            | 14.62 | 14.05 | 14.93 | 15.25 | 13.76          | 14.69 | 14.12 | 15.00 | 15.32 |
|   | 3H  | 13.92            | 14.75 | 14.31 | 15.09 | 15.43 | 13.94          | 14.77 | 14.33 | 15.10 | 15.45 |
|   | 4H  | 14.02            | 14.78 | 14.42 | 15.13 | 15.50 | 14.03          | 14.79 | 14.43 | 15.14 | 15.51 |
|   | 6H  | 14.25            | 14.95 | 14.67 | 15.32 | 15.72 | 14.25          | 14.94 | 14.67 | 15.32 | 15.72 |
|   | 8H  | 14.43            | 15.10 | 14.86 | 15.48 | 15.89 | 14.43          | 15.09 | 14.85 | 15.48 | 15.89 |
|   | 12H | 14.73            | 15.36 | 15.16 | 15.75 | 16.17 | 14.72          | 15.35 | 15.15 | 15.75 | 16.17 |
| 4H  | 2H  | 13.66            | 14.42 | 14.06 | 14.78 | 15.15 | 13.73          | 14.49 | 14.13 | 14.84 | 15.21 |
|   | 3H  | 13.98            | 14.61 | 14.40 | 15.01 | 15.43 | 13.99          | 14.63 | 14.41 | 15.02 | 15.44 |
|   | 4H  | 14.20            | 14.75 | 14.64 | 15.17 | 15.62 | 14.20          | 14.75 | 14.64 | 15.17 | 15.62 |
|   | 6H  | 14.55            | 15.04 | 15.03 | 15.49 | 15.95 | 14.54          | 15.02 | 15.01 | 15.48 | 15.93 |
|   | 8H  | 14.88            | 15.33 | 15.37 | 15.79 | 16.27 | 14.87          | 15.32 | 15.35 | 15.78 | 16.25 |
|   | 12H | 15.38            | 15.79 | 15.87 | 16.24 | 16.77 | 15.36          | 15.78 | 15.85 | 16.23 | 16.75 |
| 8H  | 4H  | 14.19            | 14.64 | 14.68 | 15.10 | 15.57 | 14.19          | 14.64 | 14.68 | 15.10 | 15.57 |
|   | 6H  | 14.73            | 15.10 | 15.24 | 15.58 | 16.09 | 14.72          | 15.09 | 15.23 | 15.57 | 16.08 |
|   | 8H  | 15.28            | 15.59 | 15.82 | 16.11 | 16.61 | 15.27          | 15.57 | 15.80 | 16.10 | 16.60 |
|   | 12H | 16.02            | 16.25 | 16.57 | 16.77 | 17.30 | 16.01          | 16.24 | 16.55 | 16.76 | 17.28 |
| 12H   | 4H  | 14.19            | 14.61 | 14.68 | 15.06 | 15.58 | 14.19          | 14.61 | 14.68 | 15.06 | 15.58 |
|   | 6H  | 14.86            | 15.16 | 15.39 | 15.69 | 16.18 | 14.84          | 15.15 | 15.38 | 15.67 | 16.17 |
|   | 8H  | 15.46            | 15.69 | 16.01 | 16.21 | 16.74 | 15.45          | 15.68 | 15.99 | 16.20 | 16.72 |
| Variation with the observer position at spacings: |     |                  |       |       |       |       |                |       |       |       |       |
| S = 1.0H  |     | 3.2/-1.9         |       |       |       |       | 3.2/-1.9       |       |       |       |       |
| S = 1.5H  |     | 4.6/-2.1         |       |       |       |       | 4.6/-2.1       |       |       |       |       |
| S = 2.0H  |     | 5.7/-2.0         |       |       |       |       | 5.7/-2.0       |       |       |       |       |
| Standard tables:                                  |     | BK4              |       |       |       |       | BK4            |       |       |       |       |
| Uncorrected UGR                                   |     | -3.4             |       |       |       |       | -3.4           |       |       |       |       |

依据CIE Publ. 117 计算 UGR, S/H = 0.25