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LumCAT:

Luminaire: rocket super track cob 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

Photometric Results

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 γ =0.0

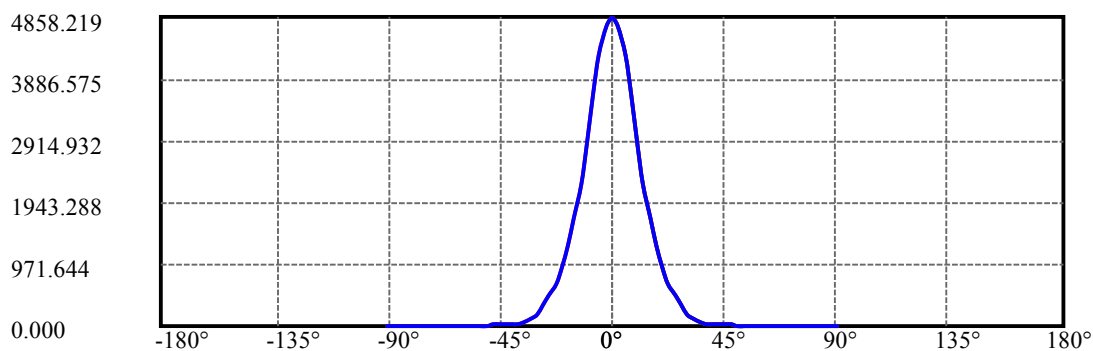
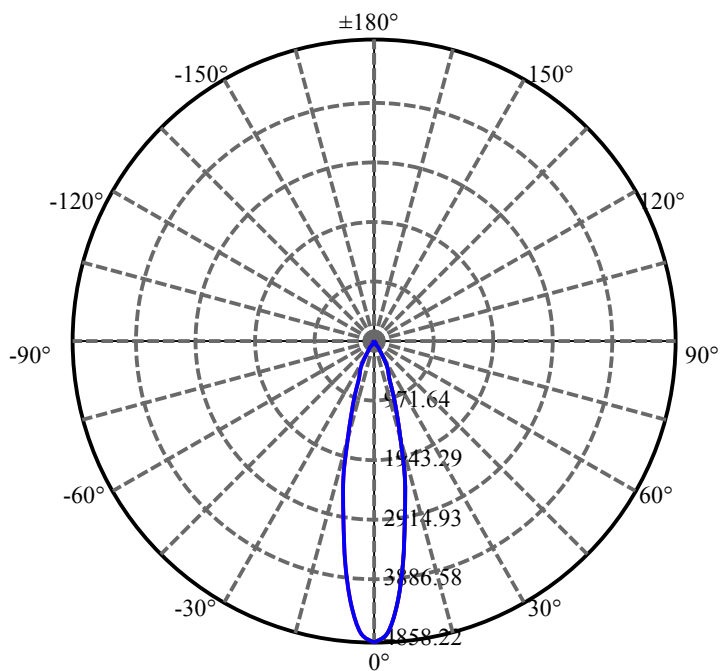
Beam angle of C0 plane : 23.24

Aveage BeamAngle(IEC 61341):23.24

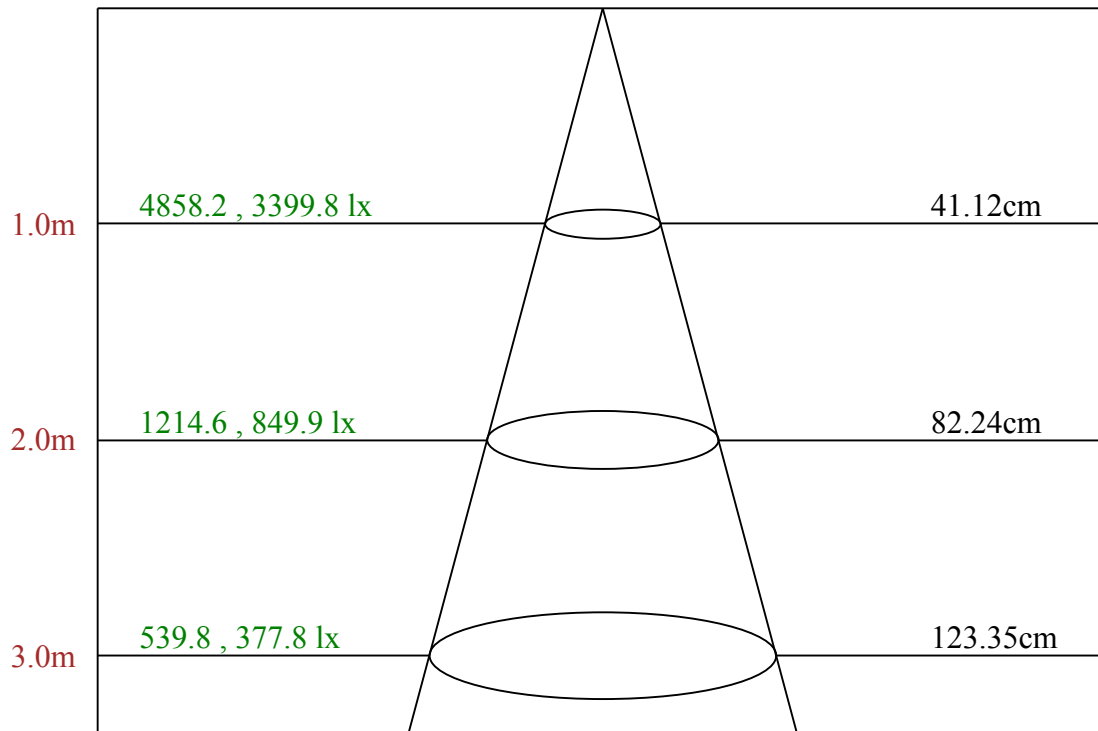
Equipment: equipamento lumini
Temperature(°C): 25.5

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

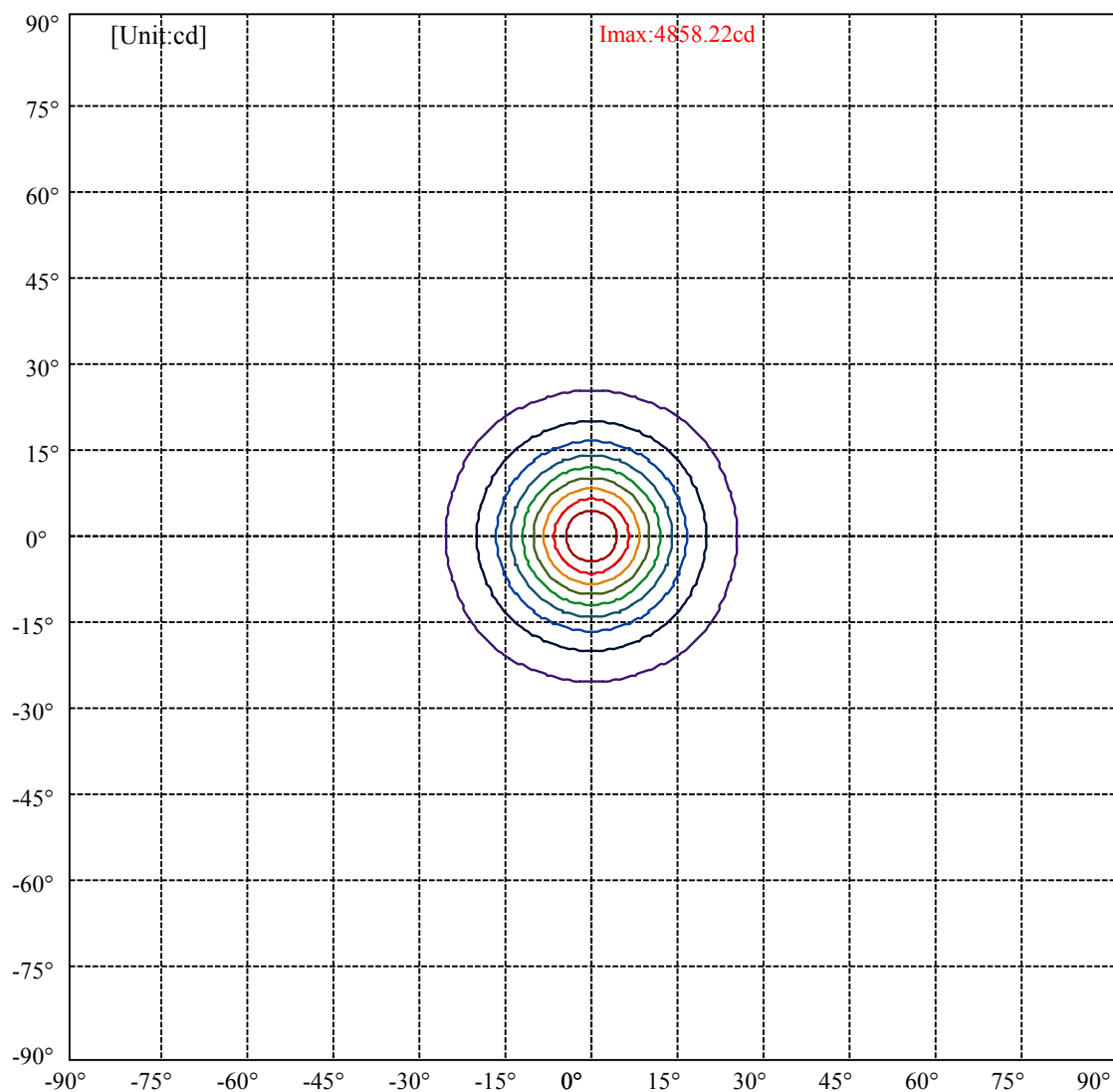
Operator: 01
Distance(m): 6.90



C0(Max):
C0/C180:
C90/C270:



Max , Ave Beam angle of C0 plane 23.24



| | |
|-------------------|---|
| (10%Imax) 485.822 | — |
| (20%Imax) 971.644 | — |
| (30%Imax) 1457.47 | — |
| (40%Imax) 1943.29 | — |
| (50%Imax) 2429.11 | — |
| (60%Imax) 2914.93 | — |
| (70%Imax) 3400.75 | — |
| (80%Imax) 3886.58 | — |
| (90%Imax) 4372.4 | — |

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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 | 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 |

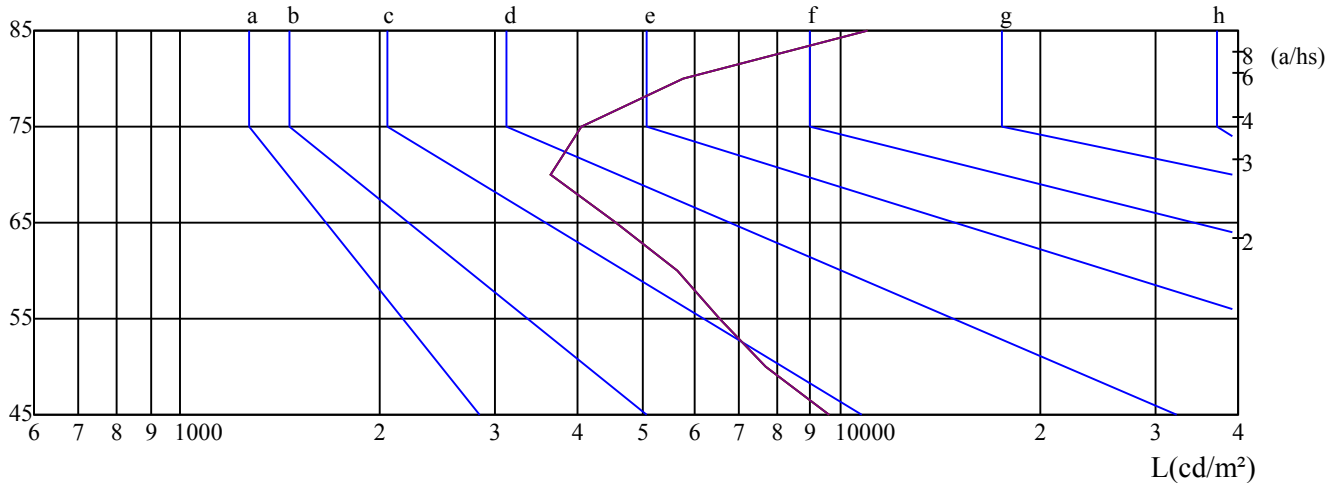
| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| 4567 | 4567 | 4567 | 4051 | 4051 | 4051 | 10970 | 10970 | 10970 |

Glare Table

| Glare | Quality | Service Values Illuminance(lx) | | | | | | | |
|-------|---------|--------------------------------|------|------|------------|------------|------------|------------|------------|
| 1.15 | A | 2000 | 1000 | 500 | ≤ 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($^{\circ}$ 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