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lumini

LumCAT:

Luminaire: minima gesso ww e

LampCAT: modulo led dual color 4W 24K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 125.0000

Test No:

Current(A): 0.0490

Number of Lamps: 1

Power (W): 6.1495

Lamp flux(lm): 310.0

PF: 0.0000

Length(mm): 6

Width(mm): 12

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 215.68, Efficiency(%): 69.57% , Luminous Efficacy(lm/W): 35.07

Central intensity(cd): 224.910, Maximum intensity(cd): 274.043

Angle of maximum intensity: C=225.0 γ =14.0

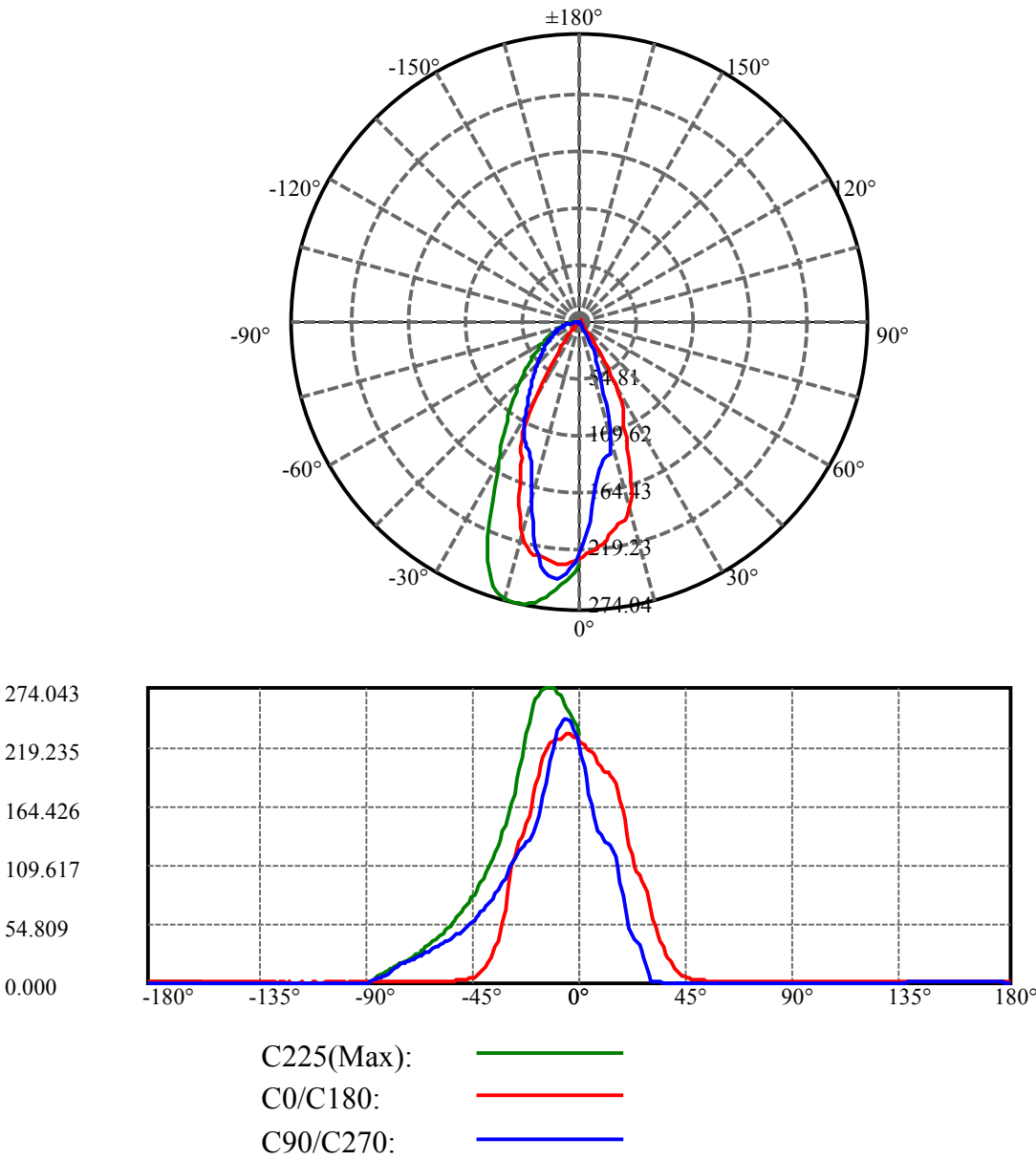
Beam angle of C225 plane : 47.22

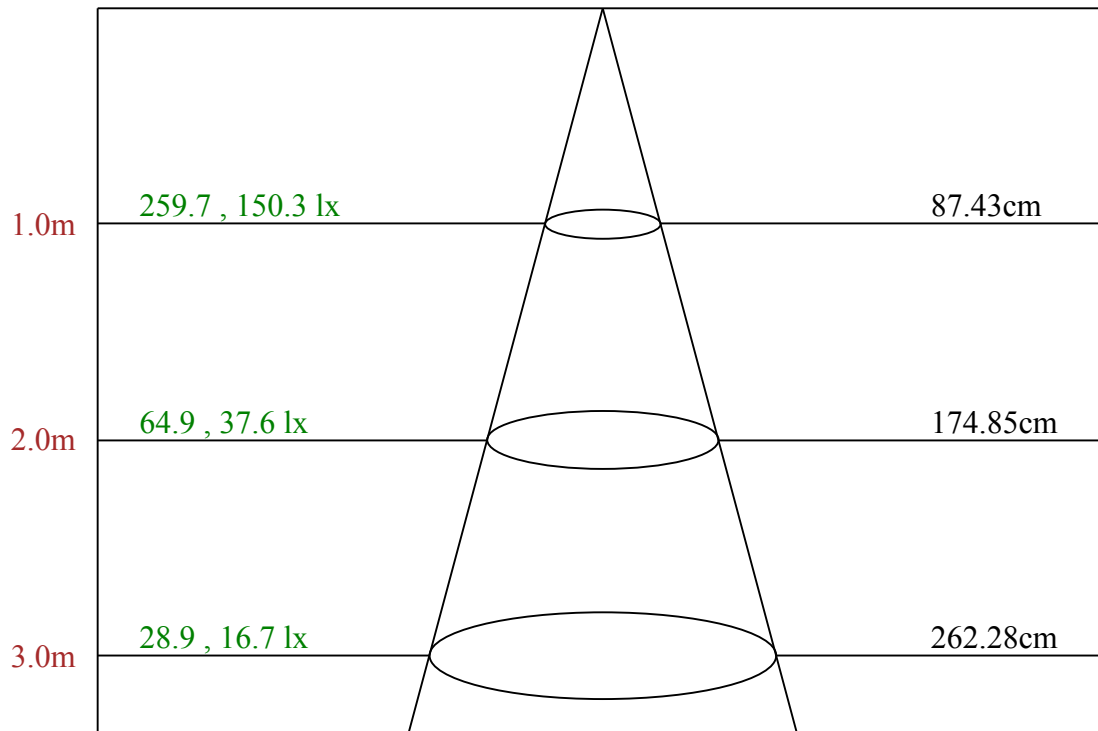
Aveage BeamAngle(IEC 61341):49.51

Equipment: equipamento lumini
Temperature(°C): 25.0

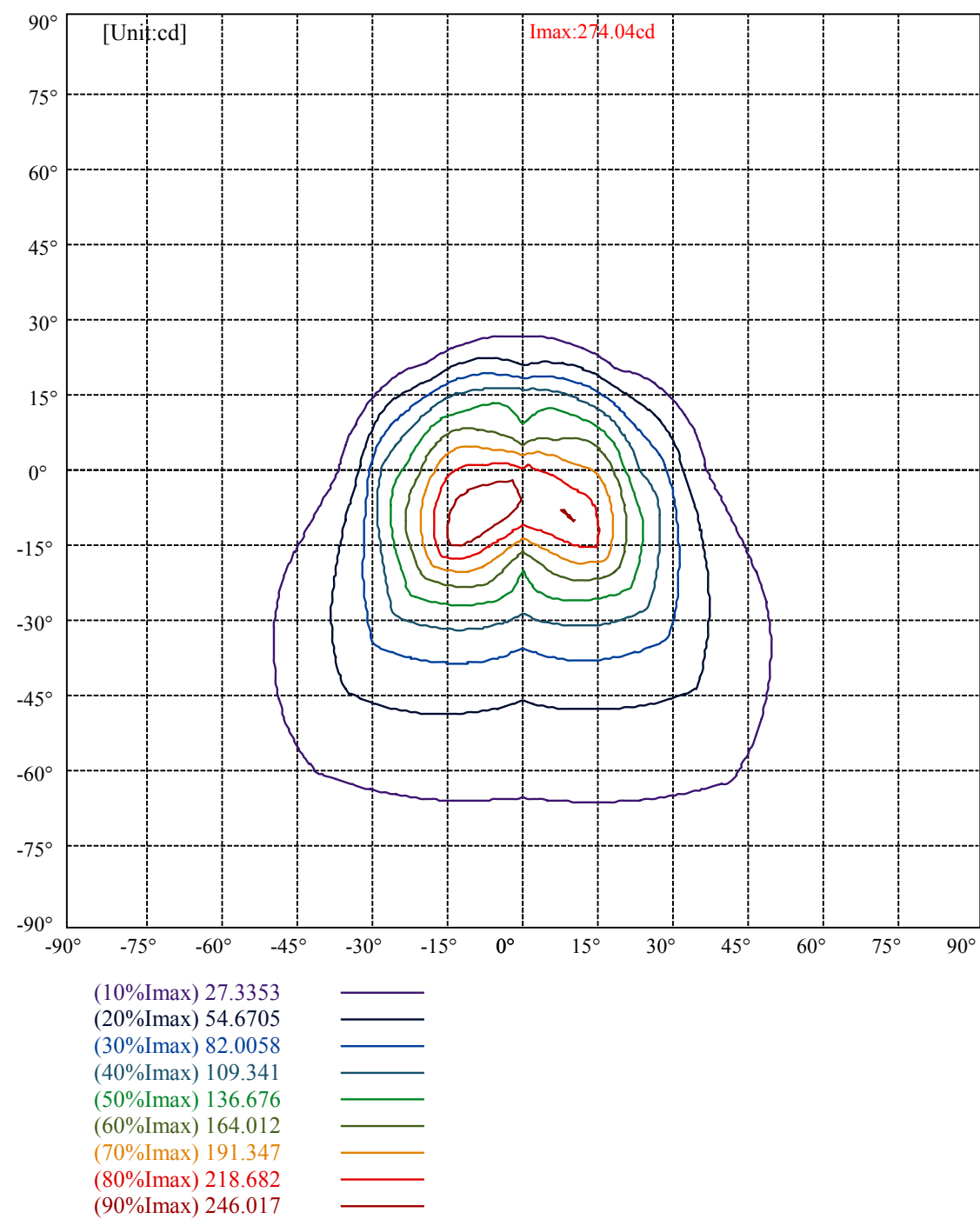
Date: 03/12/2024
Humidity(%): 74.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C225 plane 47.22



Luminance Table

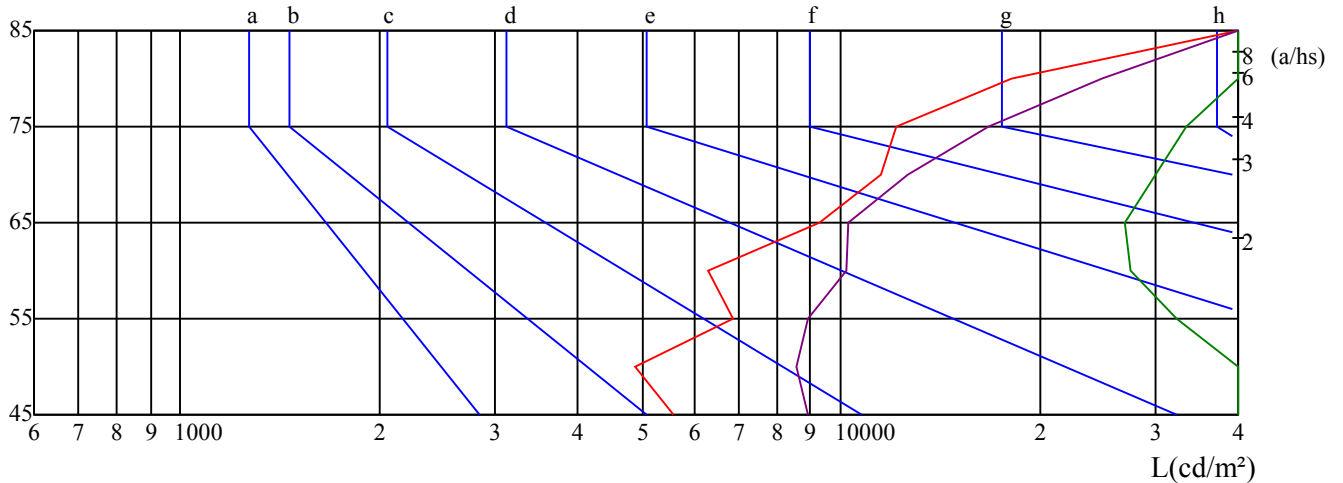
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C0 | 62323 | 40401 | 32242 | 27543 | 27000 | 29911 | 33446 | 43052 | 85777 |
| C45 | 8903 | 8570 | 8918 | 10230 | 10241 | 12655 | 16723 | 24925 | 49660 |
| C90 | 5565 | 4897 | 6860 | 6296 | 9310 | 11504 | 12162 | 18127 | 45146 |

| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| 27465 | 266275 | 315853 | 36486 | 279727 | 310512 | 90291 | 185098 | 288933 |

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 —

| 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 | 18.83 | 20.10 | 19.23 | 20.45 | 20.82 | 6.08 | 7.34 | 6.48 | 7.70 | 8.06 |
| | 3H | 19.18 | 20.32 | 19.60 | 20.70 | 21.09 | 8.67 | 9.81 | 9.09 | 10.19 | 10.58 |
| | 4H | 19.50 | 20.56 | 19.93 | 20.95 | 21.37 | 10.22 | 11.28 | 10.65 | 11.67 | 12.09 |
| | 6H | 20.08 | 21.06 | 20.53 | 21.47 | 21.92 | 12.10 | 13.08 | 12.55 | 13.49 | 13.94 |
| | 8H | 20.47 | 21.41 | 20.92 | 21.83 | 22.28 | 13.15 | 14.09 | 13.60 | 14.51 | 14.96 |
| | 12H | 21.05 | 21.94 | 21.50 | 22.37 | 22.83 | 14.51 | 15.41 | 14.97 | 15.84 | 16.30 |
| 4H | 2H | 18.62 | 19.68 | 19.06 | 20.08 | 20.49 | 7.53 | 8.59 | 7.96 | 8.98 | 9.40 |
| | 3H | 19.08 | 19.98 | 19.53 | 20.40 | 20.86 | 10.20 | 11.09 | 10.65 | 11.52 | 11.98 |
| | 4H | 19.59 | 20.38 | 20.06 | 20.84 | 21.32 | 11.90 | 12.69 | 12.37 | 13.14 | 13.63 |
| | 6H | 20.40 | 21.10 | 20.90 | 21.59 | 22.08 | 13.86 | 14.55 | 14.35 | 15.04 | 15.53 |
| | 8H | 21.00 | 21.65 | 21.51 | 22.14 | 22.65 | 15.00 | 15.65 | 15.51 | 16.14 | 16.66 |
| | 12H | 21.87 | 22.47 | 22.38 | 22.95 | 23.51 | 16.47 | 17.07 | 16.99 | 17.56 | 18.11 |
| 8H | 4H | 19.58 | 20.24 | 20.09 | 20.72 | 21.24 | 12.95 | 13.61 | 13.46 | 14.09 | 14.61 |
| | 6H | 20.59 | 21.13 | 21.12 | 21.64 | 22.19 | 15.08 | 15.62 | 15.61 | 16.13 | 16.68 |
| | 8H | 21.42 | 21.88 | 21.97 | 22.43 | 22.97 | 16.46 | 16.92 | 17.01 | 17.47 | 18.01 |
| | 12H | 22.59 | 22.97 | 23.15 | 23.51 | 24.07 | 18.12 | 18.50 | 18.68 | 19.05 | 19.61 |
| 12H | 4H | 19.58 | 20.19 | 20.10 | 20.67 | 21.22 | 13.34 | 13.94 | 13.86 | 14.42 | 14.98 |
| | 6H | 20.68 | 21.15 | 21.24 | 21.70 | 22.23 | 15.59 | 16.06 | 16.15 | 16.61 | 17.14 |
| | 8H | 21.55 | 21.94 | 22.12 | 22.48 | 23.04 | 17.06 | 17.44 | 17.62 | 17.99 | 18.55 |
| Variation with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | | 0.3/-1.2 | | | | | 5.0/-3.2 | | | | |
| S = 1.5H | | 0.4/-1.2 | | | | | 6.6/-3.0 | | | | |
| S = 2.0H | | 0.2/-1.4 | | | | | 7.6/-2.7 | | | | |
| Standard tables: | | BKBF | | | | | BK3 | | | | |
| Uncorrected UGR | | -1.5 | | | | | 3.4 | | | | |

依据CIE Publ. 117 计算 UGR, S/H = 0.25