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LumCAT:

Luminaire: no frame concentra flex 8 serie 3 e fa

LampCAT: modulo led 3W 30K irc 90

Ballast type: led driver 350mA

Report No:

Voltage(V): 127.9300

Test No:

Current(A): 0.0630

Number of Lamps: 1

Power (W): 3.7990

Lamp flux(lm): 395.0

PF: 0.4700

Length(mm): 70

Width(mm): 17

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 244.37, Efficiency(%): 61.87% , Luminous Efficacy(lm/W): 64.32

Central intensity(cd): 344.934, Maximum intensity(cd): 344.934

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

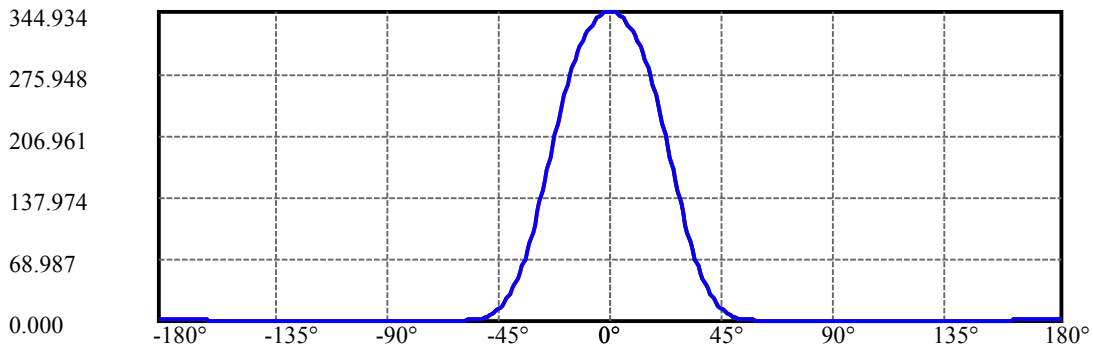
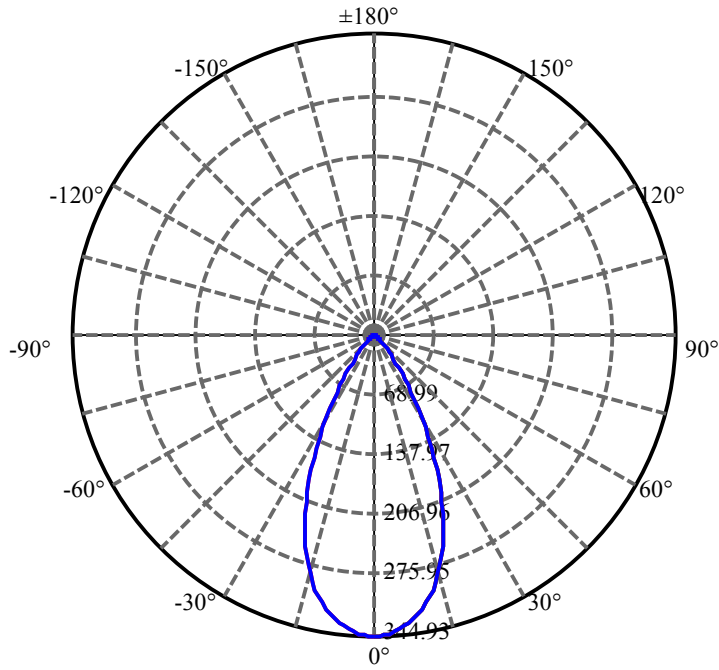
Beam angle of C0 plane : 49.47

Aveage BeamAngle(IEC 61341):49.47

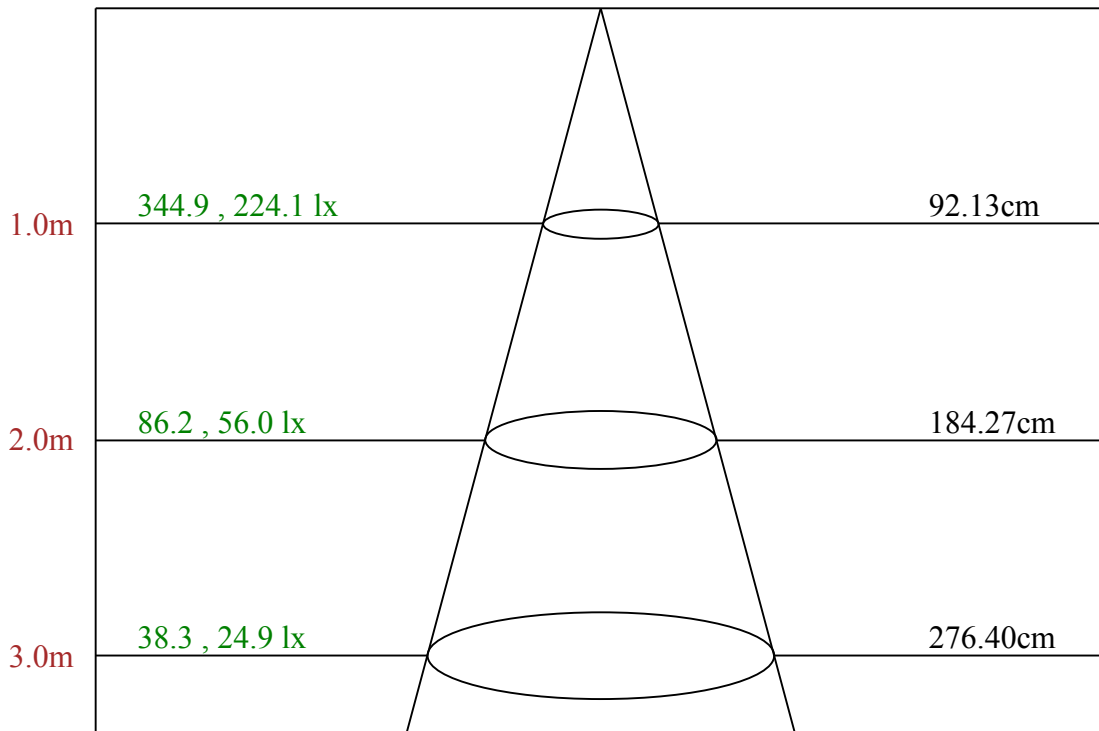
Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 14/05/2025
Humidity(%): 60.0%

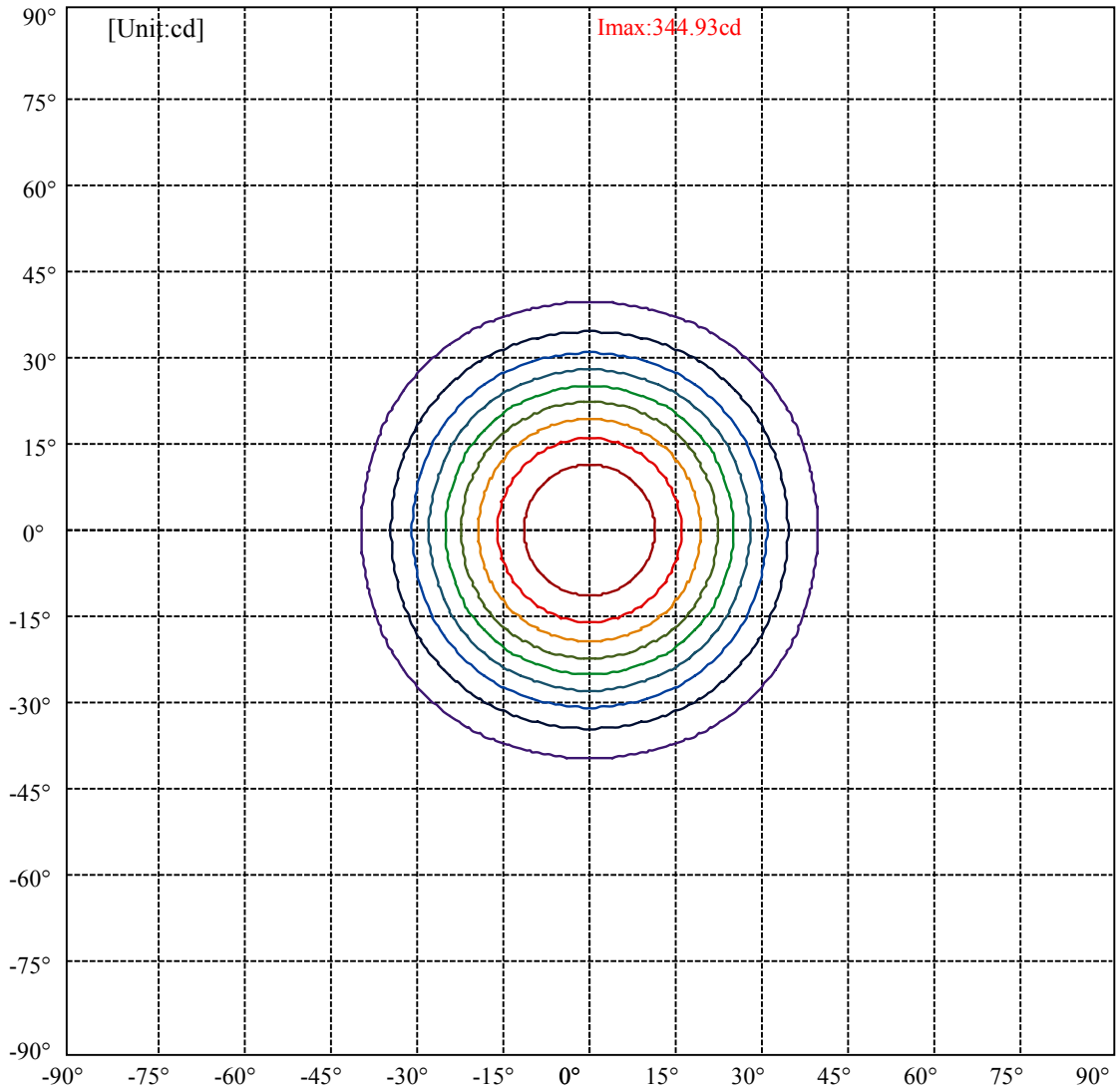
Operator: 01
Distance(m): 6.90



C0(Max): —
C0/C180: —
C90/C270: —



Max , Ave Beam angle of C0 plane 49.47



| | |
|-------------------|---|
| (10%Imax) 34.4934 | — |
| (20%Imax) 68.9869 | — |
| (30%Imax) 103.48 | — |
| (40%Imax) 137.974 | — |
| (50%Imax) 172.467 | — |
| (60%Imax) 206.961 | — |
| (70%Imax) 241.454 | — |
| (80%Imax) 275.948 | — |
| (90%Imax) 310.441 | — |

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Luminance Limiting Curve(no luminous side)

Luminance Table

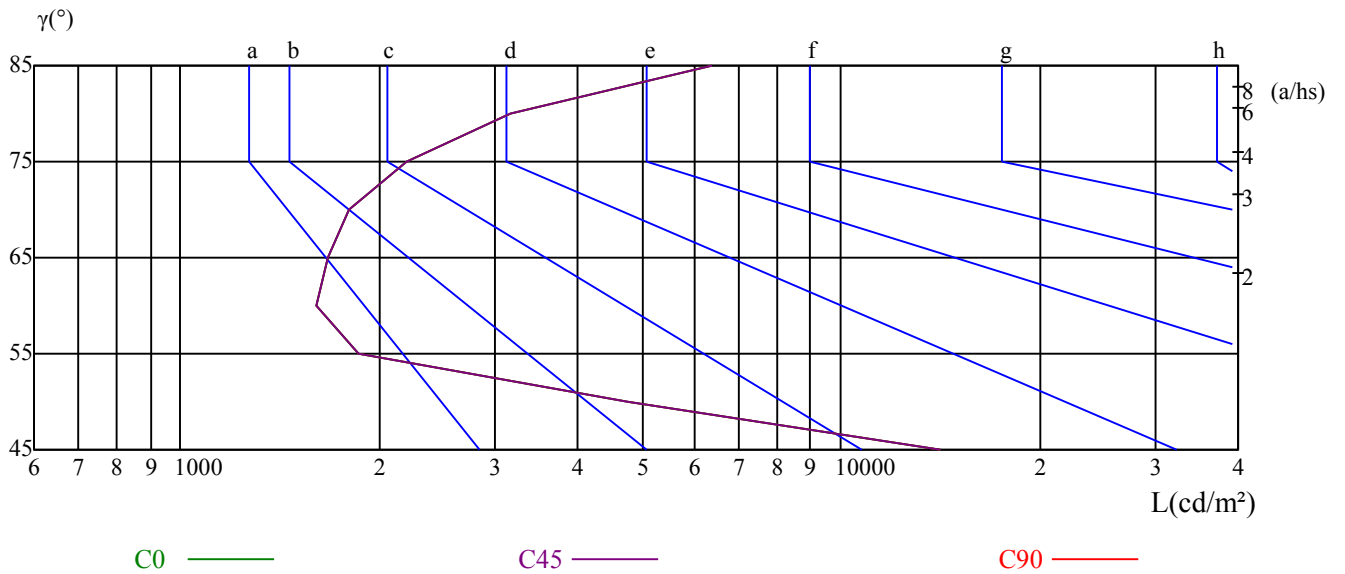
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|-------|------|------|------|------|------|------|------|------|
| C0 | 14131 | 4738 | 1866 | 1610 | 1669 | 1799 | 2203 | 3168 | 6369 |
| C45 | 14131 | 4738 | 1866 | 1610 | 1669 | 1799 | 2203 | 3168 | 6369 |
| C90 | 14131 | 4738 | 1866 | 1610 | 1669 | 1799 | 2203 | 3168 | 6369 |

| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| 1669 | 1669 | 1669 | 2203 | 2203 | 2203 | 6369 | 6369 | 6369 |

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



| 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 | 20.02 | 20.96 | 20.42 | 21.32 | 21.68 | 20.60 | 21.54 | 21.00 | 21.89 | 22.26 |
| | 3H | 19.83 | 20.66 | 20.25 | 21.04 | 21.43 | 20.41 | 21.24 | 20.83 | 21.62 | 22.02 |
| | 4H | 19.74 | 20.51 | 20.17 | 20.90 | 21.32 | 20.32 | 21.09 | 20.75 | 21.48 | 21.90 |
| | 6H | 19.68 | 20.38 | 20.13 | 20.80 | 21.24 | 20.25 | 20.96 | 20.71 | 21.38 | 21.82 |
| | 8H | 19.63 | 20.30 | 20.09 | 20.73 | 21.18 | 20.21 | 20.88 | 20.66 | 21.30 | 21.76 |
| | 12H | 19.61 | 20.24 | 20.07 | 20.68 | 21.14 | 20.17 | 20.81 | 20.64 | 21.25 | 21.71 |
| 4H | 2H | 19.71 | 20.48 | 20.15 | 20.88 | 21.29 | 20.29 | 21.06 | 20.73 | 21.45 | 21.87 |
| | 3H | 19.48 | 20.13 | 19.95 | 20.56 | 21.03 | 20.06 | 20.71 | 20.53 | 21.14 | 21.61 |
| | 4H | 19.43 | 19.99 | 19.91 | 20.45 | 20.95 | 20.01 | 20.57 | 20.48 | 21.03 | 21.52 |
| | 6H | 19.35 | 19.84 | 19.85 | 20.33 | 20.82 | 19.92 | 20.41 | 20.43 | 20.90 | 21.40 |
| | 8H | 19.34 | 19.80 | 19.86 | 20.29 | 20.81 | 19.91 | 20.36 | 20.43 | 20.86 | 21.38 |
| | 12H | 19.38 | 19.80 | 19.90 | 20.29 | 20.85 | 19.93 | 20.35 | 20.46 | 20.84 | 21.41 |
| 8H | 4H | 19.25 | 19.70 | 19.77 | 20.20 | 20.72 | 19.82 | 20.28 | 20.34 | 20.77 | 21.29 |
| | 6H | 19.18 | 19.55 | 19.72 | 20.06 | 20.62 | 19.74 | 20.12 | 20.28 | 20.63 | 21.19 |
| | 8H | 19.25 | 19.56 | 19.81 | 20.12 | 20.66 | 19.81 | 20.12 | 20.37 | 20.67 | 21.22 |
| | 12H | 19.35 | 19.59 | 19.92 | 20.14 | 20.70 | 19.88 | 20.12 | 20.45 | 20.67 | 21.24 |
| 12H | 4H | 19.20 | 19.62 | 19.72 | 20.11 | 20.67 | 19.77 | 20.19 | 20.30 | 20.68 | 21.24 |
| | 6H | 19.18 | 19.49 | 19.74 | 20.05 | 20.59 | 19.74 | 20.05 | 20.31 | 20.61 | 21.15 |
| | 8H | 19.23 | 19.47 | 19.80 | 20.02 | 20.58 | 19.78 | 20.02 | 20.35 | 20.57 | 21.14 |
| Variation with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | 4.8/-10.2 | | | | | 4.8/-10.2 | | | | | |
| S = 1.5H | 7.4/-8.4 | | | | | 7.4/-8.4 | | | | | |
| S = 2.0H | 9.2/-7.1 | | | | | 9.2/-7.1 | | | | | |
| Standard tables: | BK1 | | | | | BK1 | | | | | |
| Uncorrected UGR | -1.1 | | | | | -1.1 | | | | | |

依据CIE Publ. 117 计算 UGR, S/H = 0.25