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LumCAT:

Luminaire: super track concentra 30 serie 2 fm

LampCAT: modulo led 8W 30K irc 90

Ballast type:

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0720

Number of Lamps: 1

Power (W): 9.2300

Lamp flux(lm): 1060.0

PF: 0.9990

Length(mm): 250

Width(mm): 25

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 738.02, Efficiency(%): 69.62% , Luminous Efficacy(lm/W): 79.96

Central intensity(cd): 2734.671, Maximum intensity(cd): 2734.671

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

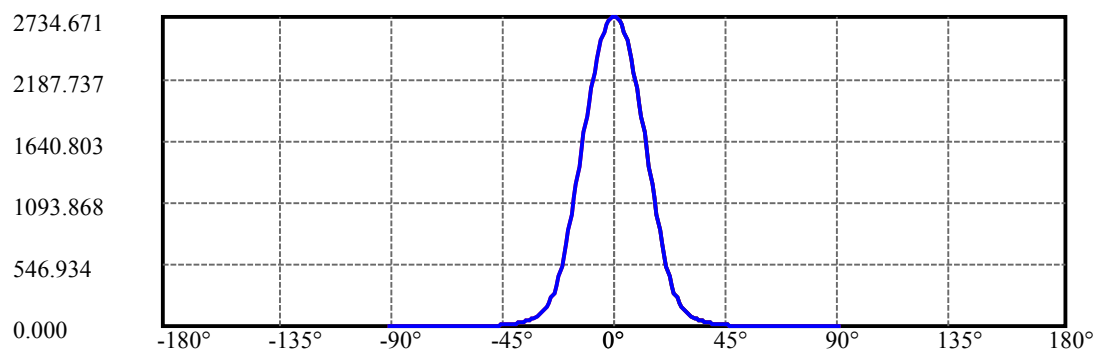
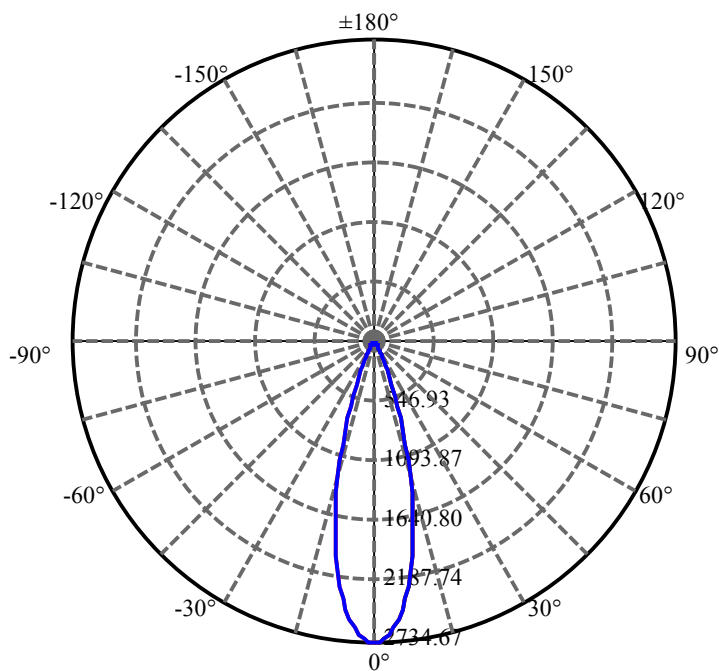
Beam angle of C0 plane : 28.60

Aveage BeamAngle(IEC 61341):28.60

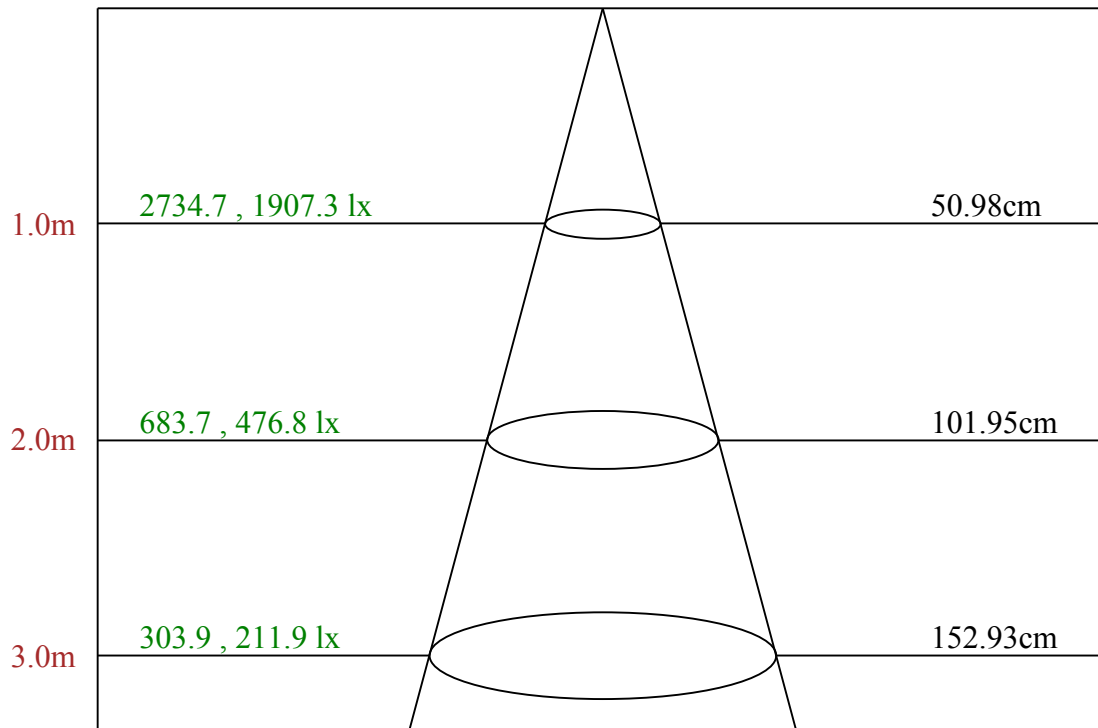
Equipment: equipamento lumini
Temperature(°C): 25.5

Date: 8/23/2024
Humidity(%): 55.0%

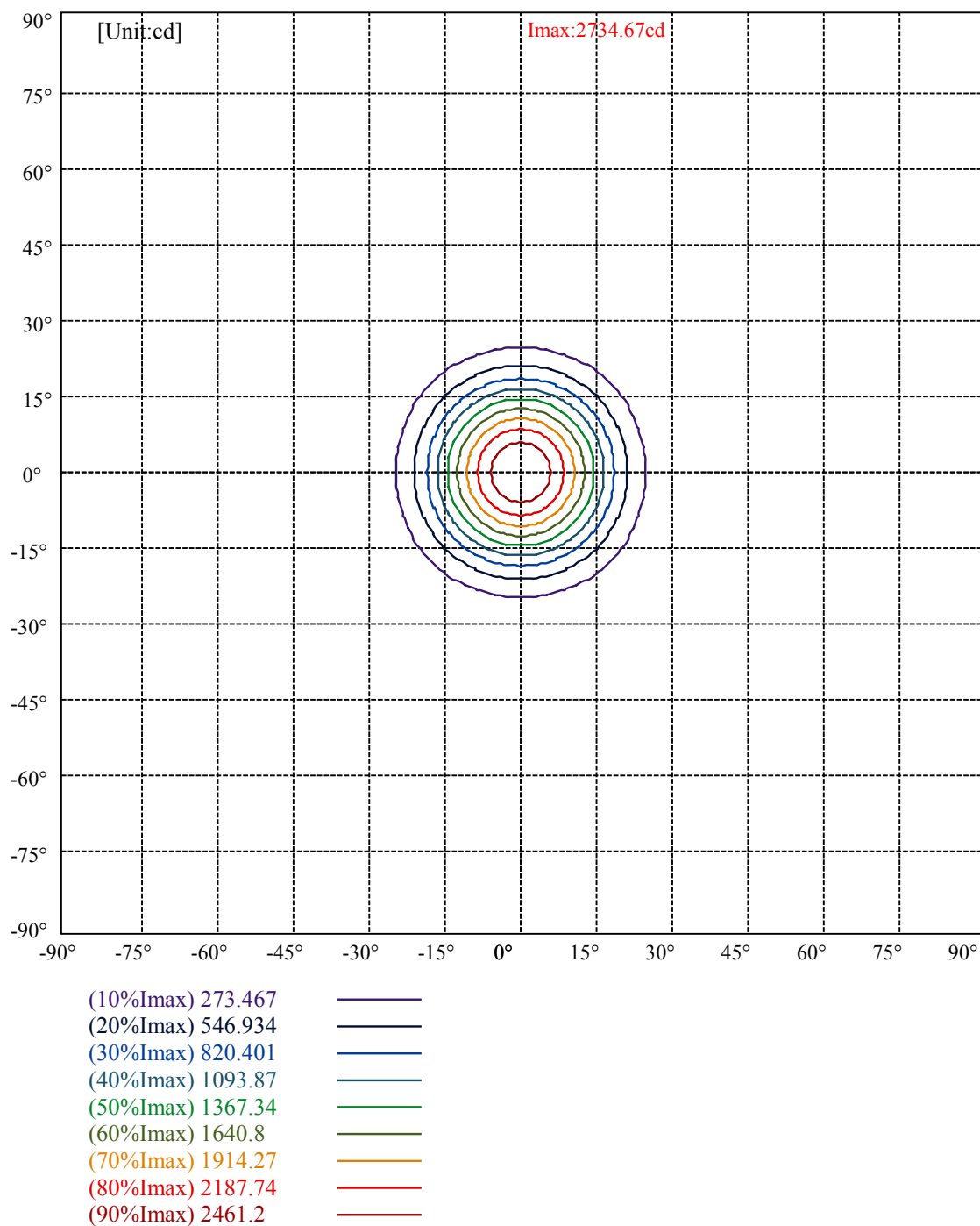
Operator: 01
Distance(m): 6.90



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



Max , Ave Beam angle of C0 plane 28.60



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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 | 2195 | 1179 | 714 | 686 | 784 | 974 | 1288 | 1919 | 3824 |
| C45 | 2195 | 1179 | 714 | 686 | 784 | 974 | 1288 | 1919 | 3824 |
| C90 | 2195 | 1179 | 714 | 686 | 784 | 974 | 1288 | 1919 | 3824 |

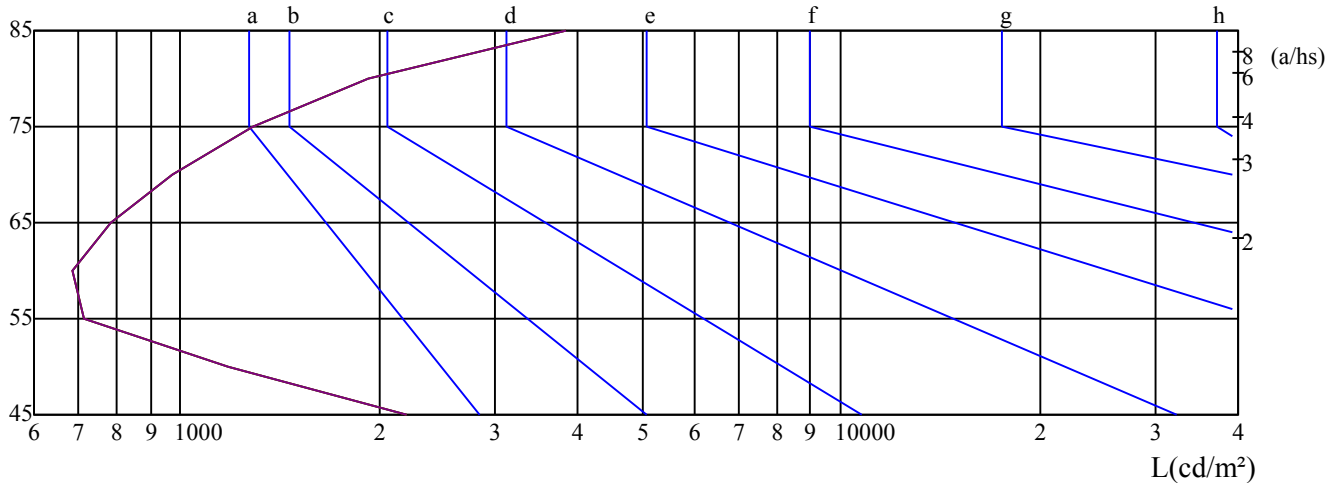
| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| 784 | 784 | 784 | 1288 | 1288 | 1288 | 3824 | 3824 | 3824 |

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: 8/23/2024
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 | 6.25 | 7.16 | 6.61 | 7.47 | 7.79 | 6.52 | 7.44 | 6.89 | 7.75 | 8.06 |
| | 3H | 6.48 | 7.29 | 6.87 | 7.63 | 7.97 | 6.75 | 7.56 | 7.13 | 7.89 | 8.24 |
| | 4H | 6.84 | 7.58 | 7.24 | 7.94 | 8.31 | 7.10 | 7.85 | 7.50 | 8.21 | 8.57 |
| | 6H | 7.54 | 8.22 | 7.96 | 8.60 | 9.00 | 7.79 | 8.47 | 8.20 | 8.85 | 9.25 |
| | 8H | 8.06 | 8.71 | 8.48 | 9.10 | 9.51 | 8.29 | 8.94 | 8.71 | 9.33 | 9.74 |
| | 12H | 8.78 | 9.40 | 9.21 | 9.80 | 10.22 | 9.00 | 9.61 | 9.43 | 10.01 | 10.43 |
| 4H | 2H | 6.07 | 6.82 | 6.47 | 7.17 | 7.54 | 6.33 | 7.08 | 6.73 | 7.44 | 7.80 |
| | 3H | 6.49 | 7.12 | 6.92 | 7.52 | 7.93 | 6.74 | 7.37 | 7.16 | 7.76 | 8.18 |
| | 4H | 7.12 | 7.66 | 7.56 | 8.09 | 8.54 | 7.36 | 7.90 | 7.80 | 8.33 | 8.78 |
| | 6H | 8.13 | 8.61 | 8.60 | 9.06 | 9.52 | 8.34 | 8.82 | 8.82 | 9.28 | 9.73 |
| | 8H | 8.89 | 9.33 | 9.38 | 9.79 | 10.27 | 9.09 | 9.53 | 9.57 | 9.99 | 10.46 |
| | 12H | 9.88 | 10.29 | 10.38 | 10.75 | 11.27 | 10.07 | 10.47 | 10.56 | 10.93 | 11.45 |
| 8H | 4H | 7.35 | 7.80 | 7.84 | 8.26 | 8.73 | 7.57 | 8.01 | 8.06 | 8.47 | 8.95 |
| | 6H | 8.69 | 9.05 | 9.20 | 9.53 | 10.04 | 8.87 | 9.23 | 9.38 | 9.71 | 10.22 |
| | 8H | 9.73 | 10.03 | 10.27 | 10.56 | 11.05 | 9.89 | 10.19 | 10.43 | 10.72 | 11.21 |
| | 12H | 11.01 | 11.24 | 11.55 | 11.75 | 12.28 | 11.16 | 11.38 | 11.70 | 11.90 | 12.43 |
| 12H | 4H | 7.44 | 7.85 | 7.94 | 8.31 | 8.83 | 7.65 | 8.05 | 8.14 | 8.51 | 9.03 |
| | 6H | 8.95 | 9.25 | 9.48 | 9.77 | 10.27 | 9.11 | 9.41 | 9.65 | 9.94 | 10.43 |
| | 8H | 10.08 | 10.30 | 10.62 | 10.82 | 11.35 | 10.22 | 10.45 | 10.77 | 10.97 | 11.49 |
| Variation with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | | 4.0/-3.4 | | | | | 4.0/-3.4 | | | | |
| S = 1.5H | | 5.1/-2.6 | | | | | 5.1/-2.6 | | | | |
| S = 2.0H | | 5.8/-2.1 | | | | | 5.8/-2.1 | | | | |
| Standard tables: | | BKBF | | | | | BKBF | | | | |
| Uncorrected UGR | | -5.9 | | | | | -5.9 | | | | |

依据CIE Publ. 117 计算 UGR, S/H = 0.25