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## lumini

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LumCAT:

Luminaire: mini linea evo 60 fm e sr2

LampCAT: modulo led 8W 30K irc 90

Ballast type: led driver 350mA

Report No:

Voltage(V): 127.7700

Test No:

Current(A): 0.1010

Number of Lamps: 1

Power (W): 11.8550

Lamp flux(lm): 1385.0

PF: 0.9150

Length(mm): 595

Width(mm): 46

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 772.10, Efficiency(%): 55.75% , Luminous Efficacy(lm/W): 65.13

Central intensity(cd): 412.672, Maximum intensity(cd): 412.672

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

Beam angle of C0 plane : 89.59

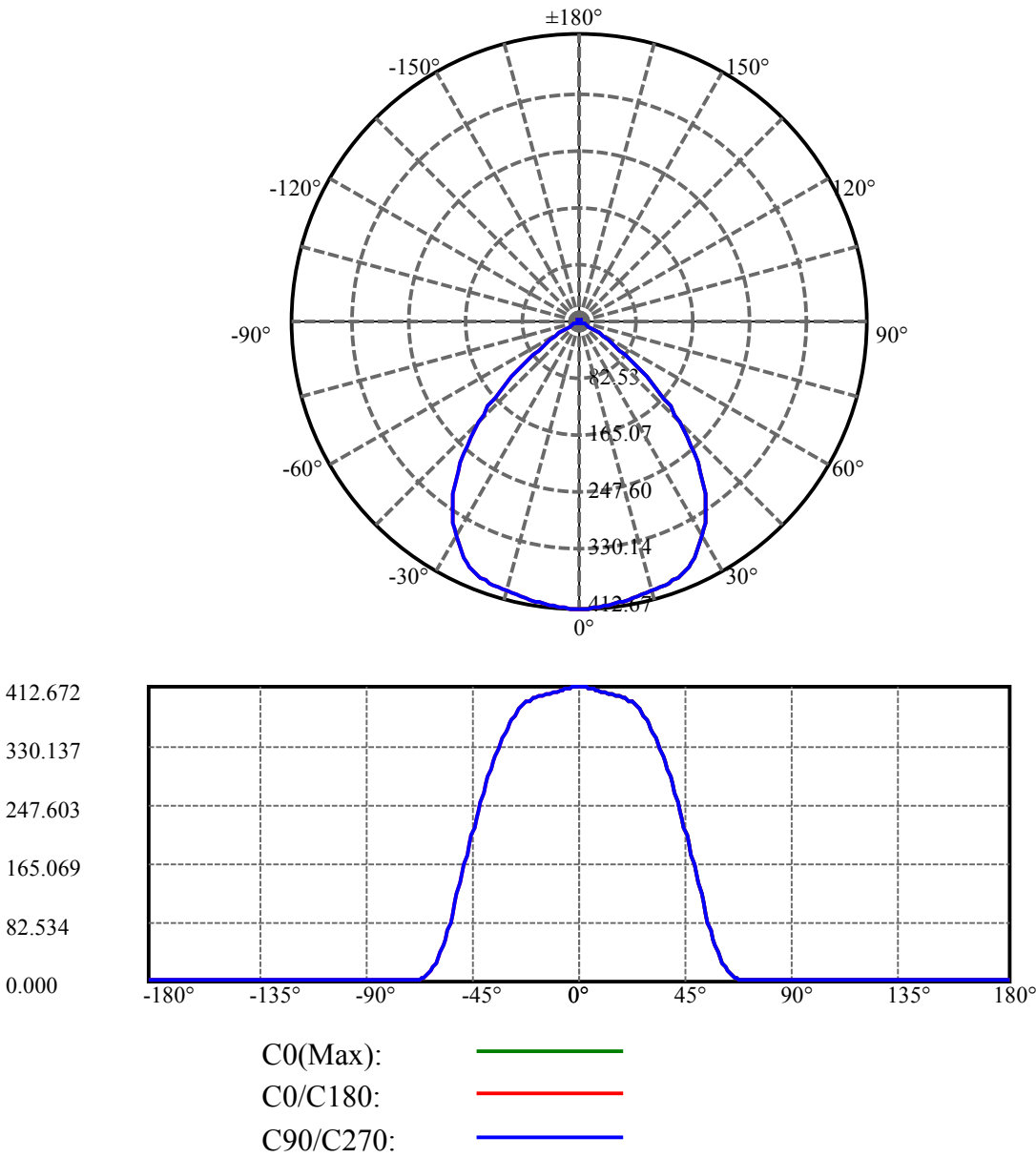
Aveage BeamAngle(IEC 61341):89.59

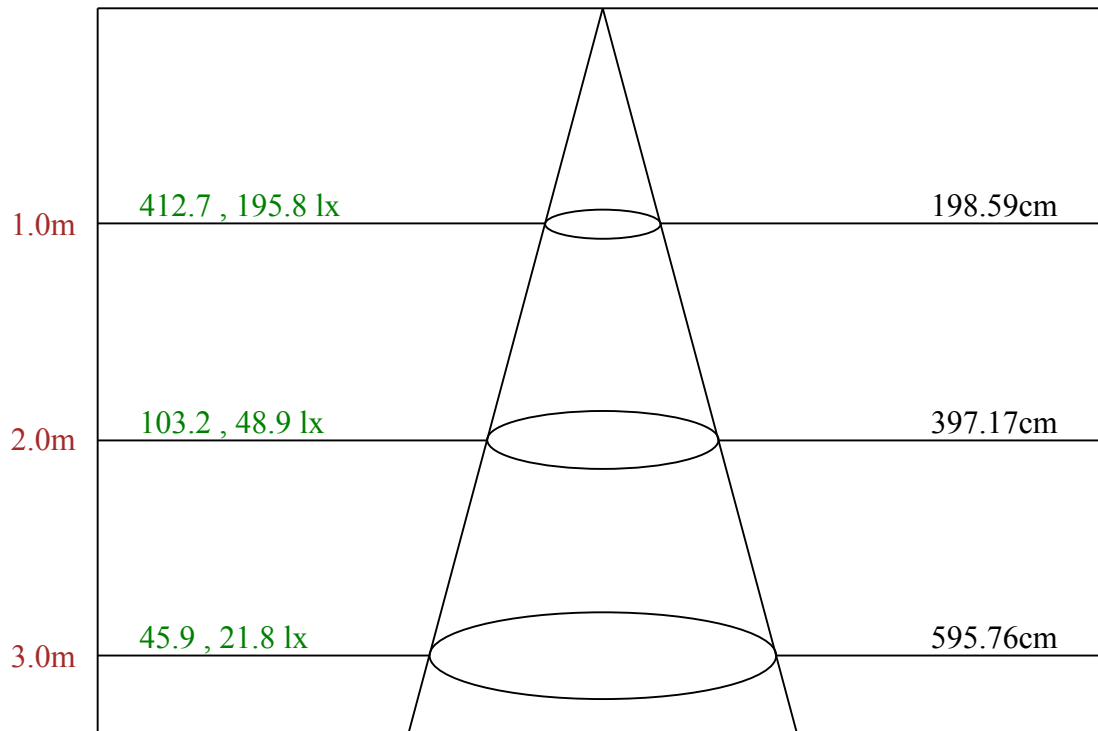
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Equipment: equipamento lumini  
Temperature(°C): 25.0

Date: 27/11/2025  
Humidity(%): 58.0%

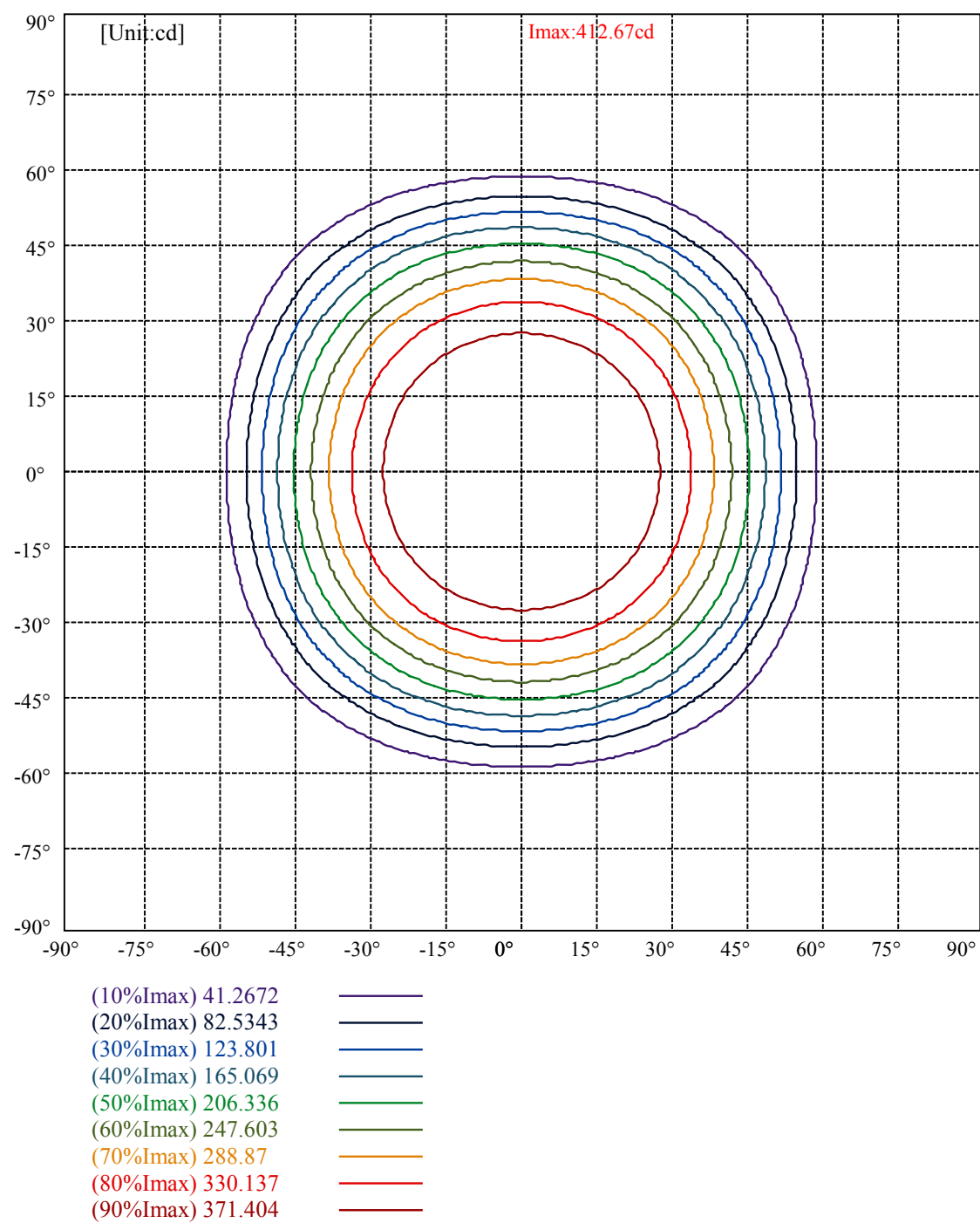
Operator: 01  
Distance(m): 6.90





Max , Ave

Beam angle of C0 plane 89.59



## lumini

### Luminance Limiting Curve(no luminous side)

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Luminance Table

| $\gamma$ | 45    | 50   | 55   | 60   | 65  | 70  | 75  | 80  | 85  |
|----------|-------|------|------|------|-----|-----|-----|-----|-----|
| C0       | 10540 | 7827 | 4525 | 1917 | 547 | 273 | 312 | 418 | 766 |
| C45      | 10540 | 7827 | 4525 | 1917 | 547 | 273 | 312 | 418 | 766 |
| C90      | 10540 | 7827 | 4525 | 1917 | 547 | 273 | 312 | 418 | 766 |

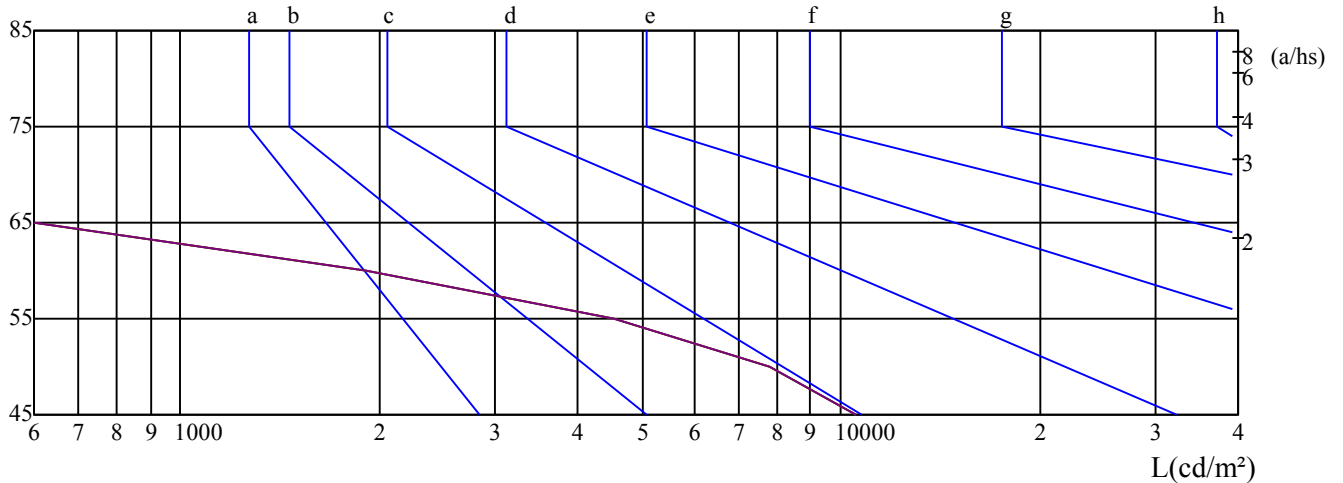
| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| 547        | 547        | 547     | 312        | 312        | 312     | 766        | 766        | 766     |

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( $^{\circ}\text{C}$ ): 25.0

Date: 27/11/2025  
Humidity(%): 58.0%

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  | 19.47            | 20.73 | 19.86 | 21.08 | 21.45 | 18.99          | 20.25 | 19.38 | 20.60 | 20.97 |
|                                                   | 3H  | 19.33            | 20.44 | 19.74 | 20.82 | 21.20 | 18.85          | 19.96 | 19.26 | 20.34 | 20.73 |
|                                                   | 4H  | 19.25            | 20.28 | 19.68 | 20.67 | 21.08 | 18.77          | 19.80 | 19.20 | 20.19 | 20.60 |
|                                                   | 6H  | 19.19            | 20.13 | 19.63 | 20.54 | 20.98 | 18.71          | 19.65 | 19.15 | 20.06 | 20.51 |
|                                                   | 8H  | 19.12            | 20.03 | 19.57 | 20.45 | 20.90 | 18.65          | 19.55 | 19.09 | 19.97 | 20.42 |
|                                                   | 12H | 19.06            | 19.93 | 19.52 | 20.35 | 20.81 | 18.59          | 19.45 | 19.04 | 19.88 | 20.34 |
| 4H                                                | 2H  | 19.45            | 20.48 | 19.88 | 20.87 | 21.28 | 19.01          | 20.04 | 19.44 | 20.43 | 20.85 |
|                                                   | 3H  | 19.28            | 20.13 | 19.74 | 20.56 | 21.02 | 18.85          | 19.69 | 19.30 | 20.12 | 20.58 |
|                                                   | 4H  | 19.24            | 19.97 | 19.71 | 20.43 | 20.91 | 18.80          | 19.54 | 19.27 | 19.99 | 20.48 |
|                                                   | 6H  | 19.12            | 19.77 | 19.62 | 20.25 | 20.75 | 18.69          | 19.34 | 19.19 | 19.82 | 20.31 |
|                                                   | 8H  | 19.08            | 19.68 | 19.59 | 20.17 | 20.68 | 18.65          | 19.25 | 19.16 | 19.74 | 20.25 |
|                                                   | 12H | 19.04            | 19.60 | 19.56 | 20.08 | 20.64 | 18.61          | 19.17 | 19.13 | 19.66 | 20.21 |
| 8H                                                | 4H  | 19.07            | 19.67 | 19.58 | 20.16 | 20.67 | 18.63          | 19.24 | 19.14 | 19.72 | 20.24 |
|                                                   | 6H  | 18.94            | 19.44 | 19.47 | 19.95 | 20.50 | 18.50          | 19.01 | 19.03 | 19.52 | 20.06 |
|                                                   | 8H  | 18.93            | 19.37 | 19.49 | 19.92 | 20.46 | 18.50          | 18.94 | 19.06 | 19.49 | 20.03 |
|                                                   | 12H | 18.89            | 19.26 | 19.46 | 19.81 | 20.36 | 18.47          | 18.83 | 19.03 | 19.38 | 19.94 |
| 12H                                               | 4H  | 19.02            | 19.58 | 19.54 | 20.06 | 20.62 | 18.59          | 19.15 | 19.10 | 19.63 | 20.19 |
|                                                   | 6H  | 18.93            | 19.36 | 19.48 | 19.91 | 20.45 | 18.49          | 18.93 | 19.05 | 19.48 | 20.02 |
|                                                   | 8H  | 18.88            | 19.25 | 19.44 | 19.79 | 20.35 | 18.45          | 18.82 | 19.01 | 19.36 | 19.92 |
| Variation with the observer position at spacings: |     |                  |       |       |       |       |                |       |       |       |       |
| S = 1.0H                                          |     | 1.3/-3.2         |       |       |       |       | 1.3/-3.2       |       |       |       |       |
| S = 1.5H                                          |     | 2.9/-10.9        |       |       |       |       | 2.9/-10.9      |       |       |       |       |
| S = 2.0H                                          |     | 5.0/-13.7        |       |       |       |       | 5.0/-13.7      |       |       |       |       |
| Standard tables:                                  |     | BK0              |       |       |       |       | BK0            |       |       |       |       |
| Uncorrected UGR                                   |     | -0.9             |       |       |       |       | -0.9           |       |       |       |       |

依据CIE Publ. 117 计算 UGR, S/H = 0.25