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## lumini

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LumCAT:

Luminaire: led line perfil 30 c mp 12.5W

LampCAT: modulo led line 25W/m 30K irc 90

Ballast type: led driver 700mA

Report No:

Voltage(V): 127.7000

Test No:

Current(A): 0.1520

Number of Lamps: 1

Power (W): 17.0950

Lamp flux(lm): 1748.0

PF: 0.8830

Length(mm): 500

Width(mm): 16

Phm Type: C

Height(mm): 0

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## Photometric Results

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Lumens(lm): 1452.48, Efficiency(%): 83.09% , Luminous Efficacy(lm/W): 84.97

Central intensity(cd): 819.106, Maximum intensity(cd): 819.106

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

Beam angle of C0 plane : 68.83

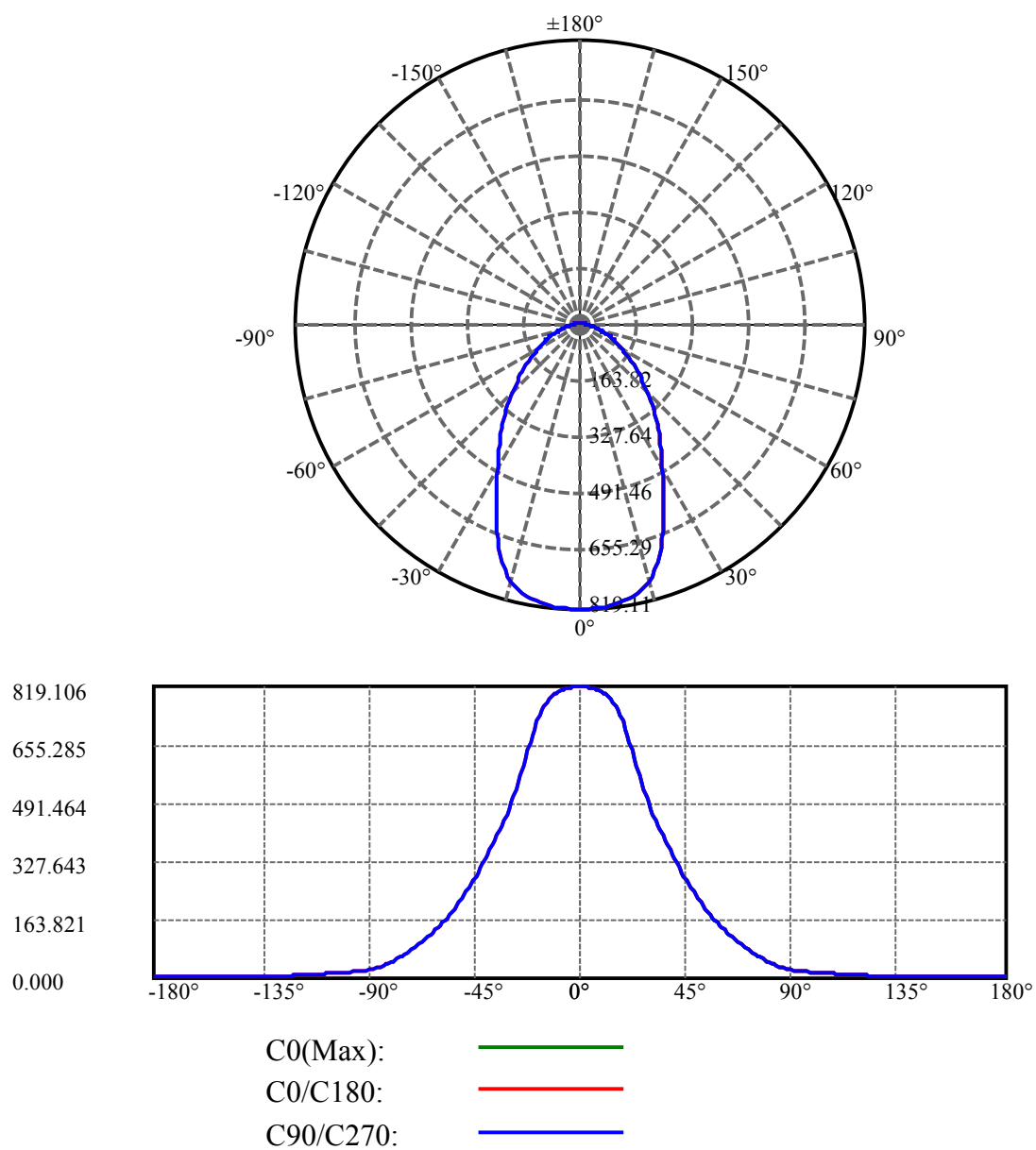
Average BeamAngle(IEC 61341): 68.83

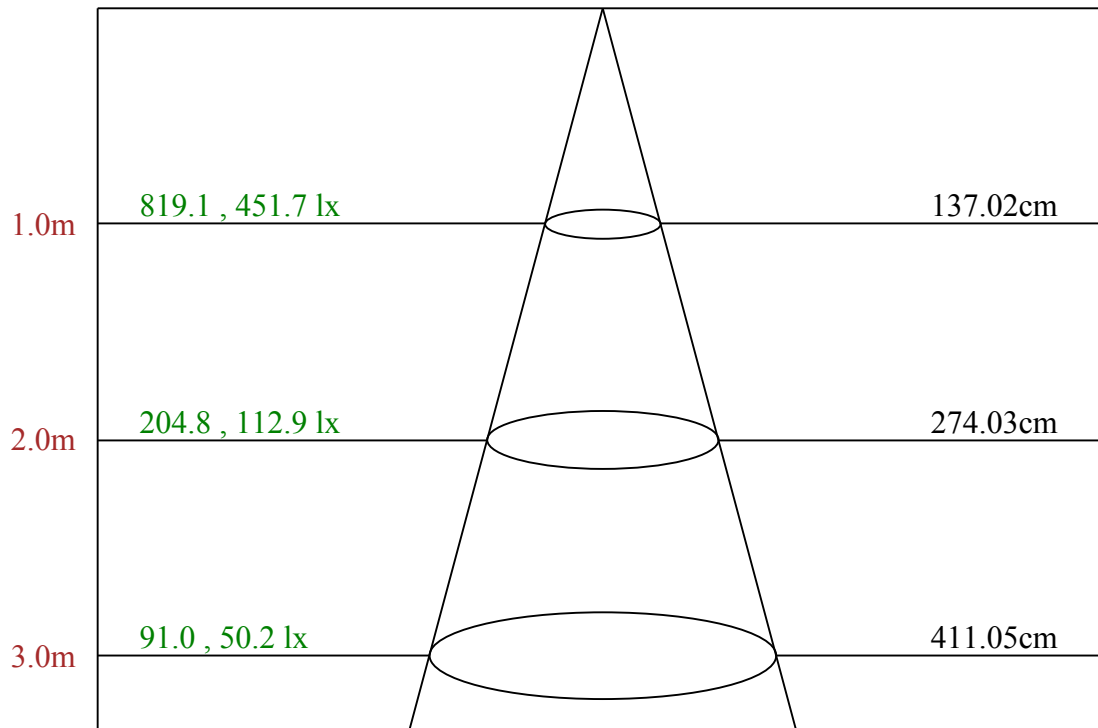
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Equipment: equipamento lumini  
Temperature(°C): 25.5

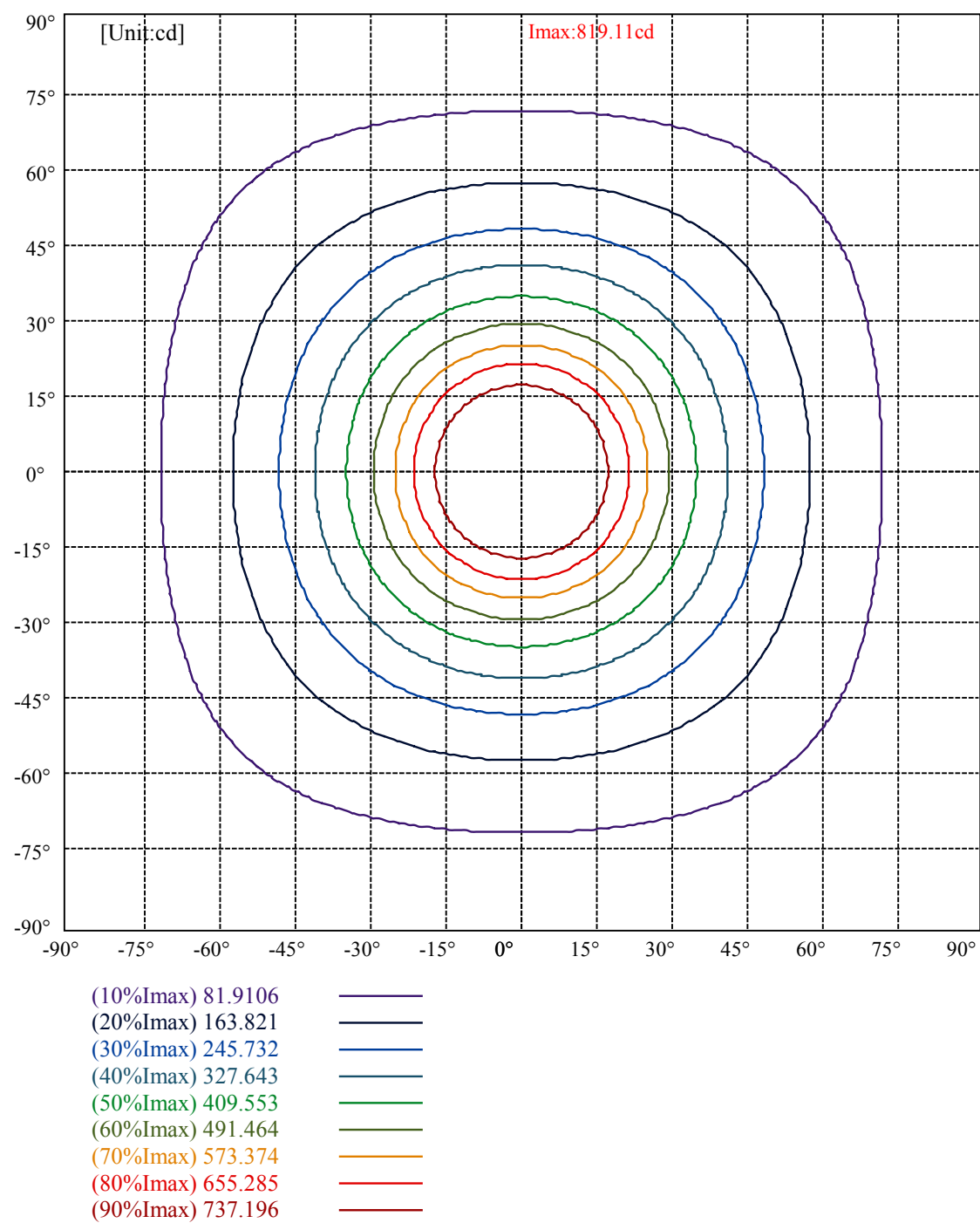
Date: 28/04/2025  
Humidity(%): 64.0%

Operator: 01  
Distance(m): 6.90





Max , Ave      Beam angle of C0 plane 68.83



Luminance Table

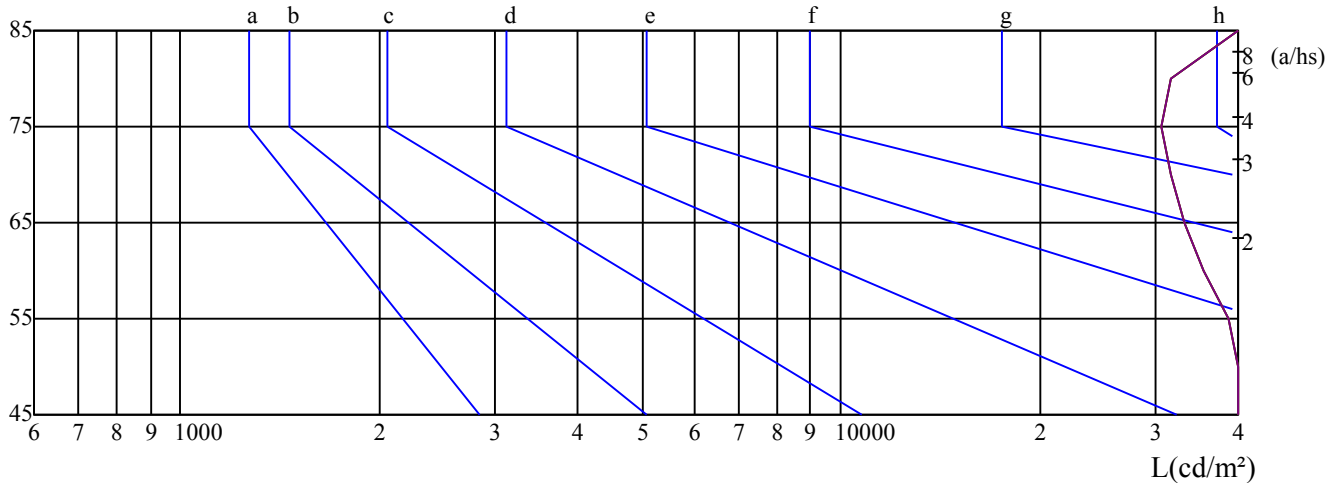
| $\gamma$ | 45    | 50    | 55    | 60    | 65    | 70    | 75    | 80    | 85    |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C0       | 48730 | 43150 | 38783 | 35425 | 33121 | 31671 | 30559 | 31663 | 43317 |
| C45      | 48730 | 43150 | 38783 | 35425 | 33121 | 31671 | 30559 | 31663 | 43317 |
| C90      | 48730 | 43150 | 38783 | 35425 | 33121 | 31671 | 30559 | 31663 | 43317 |

| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| 33121      | 33121      | 33121   | 30559      | 30559      | 30559   | 43317      | 43317      | 43317   |

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 ———