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LumCAT:

Luminaire: kube w1

LampCAT: modulo 9W 2700K irc 90

Ballast type:

Report No:

Voltage(V): 127.0000

Test No:

Current(A): 0.0740

Number of Lamps: 0

Power (W): 8.8500

Lamp flux(lm): 525.0

PF: 0.9450

Length(mm): 120

Width(mm): 120

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 266.28, Efficiency(%): 0.00% , Luminous Efficacy(lm/W): 30.09

Central intensity(cd): 170.666, Maximum intensity(cd): 170.666

Angle of maximum intensity: C=0.0 γ =0.0

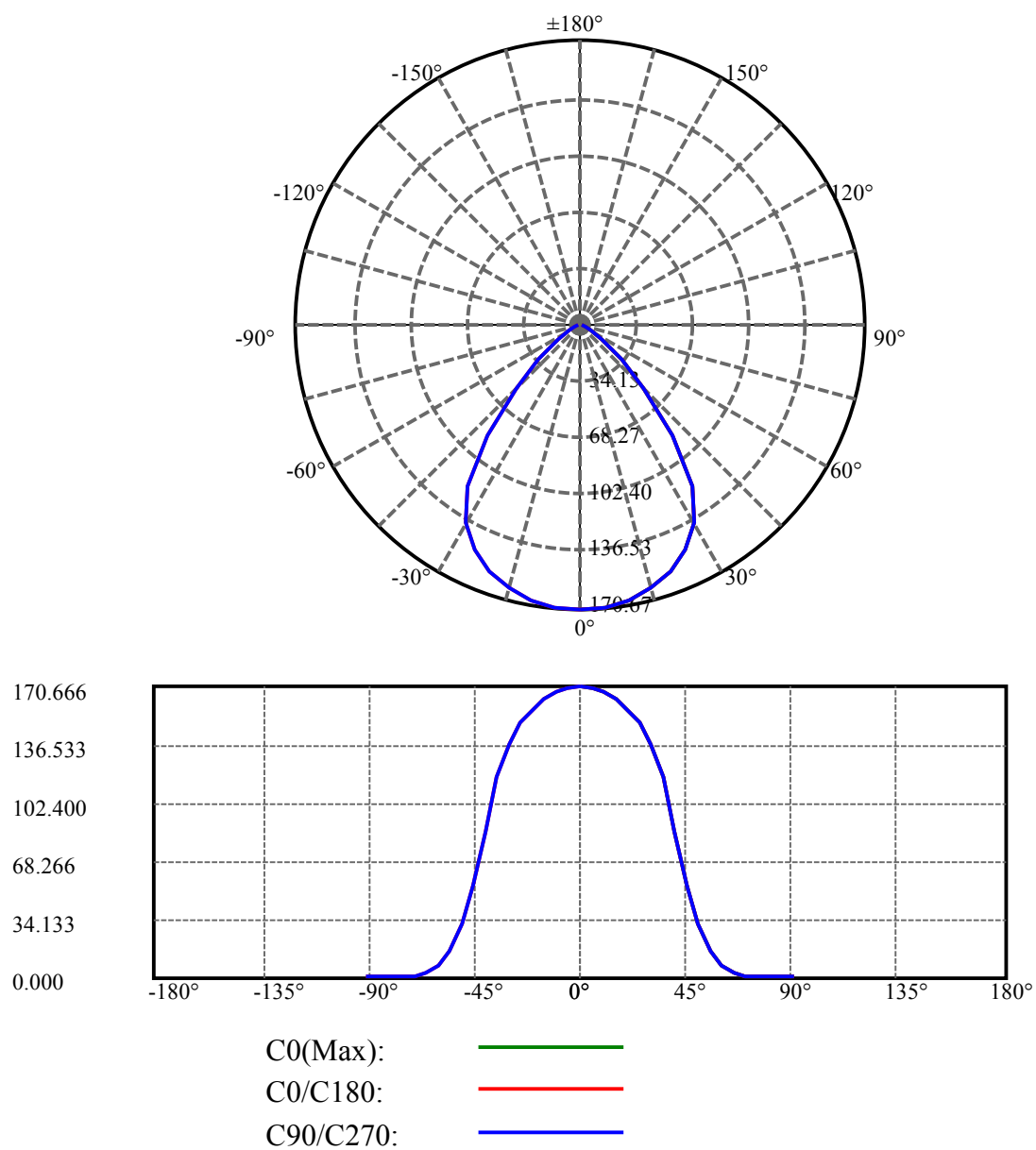
Beam angle of C0 plane : 80.30

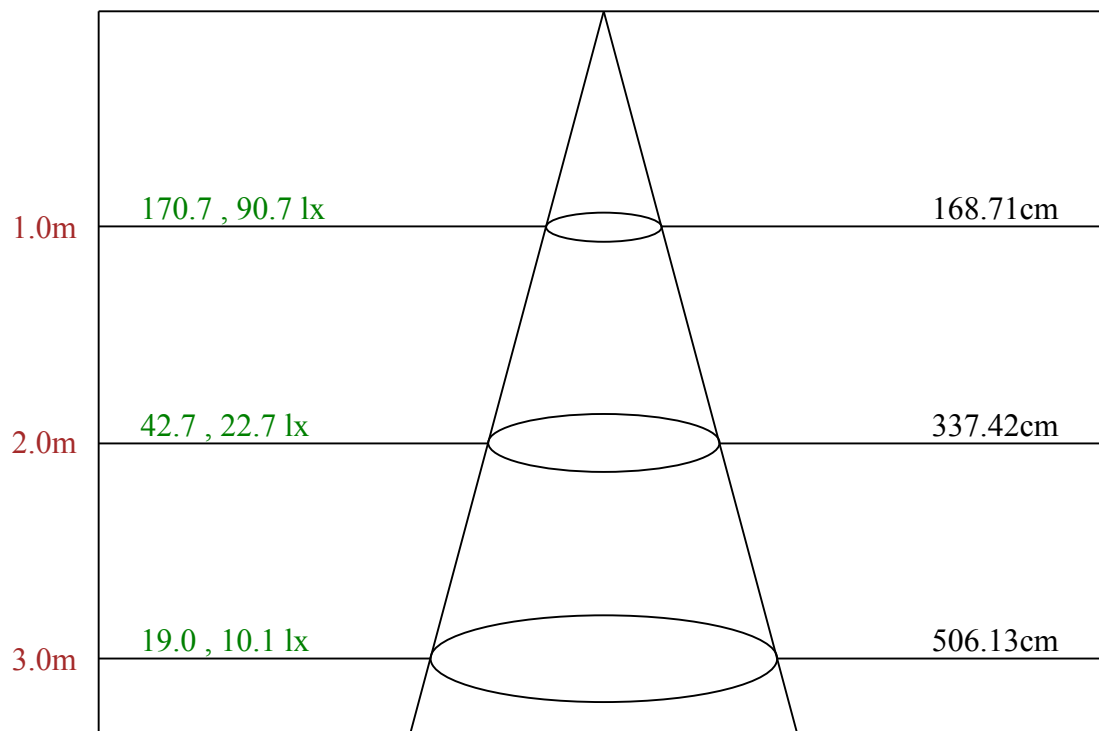
Aveage BeamAngle(IEC 61341):80.30

Equipment: equipamento lumini
Temperature(°C): 25.0

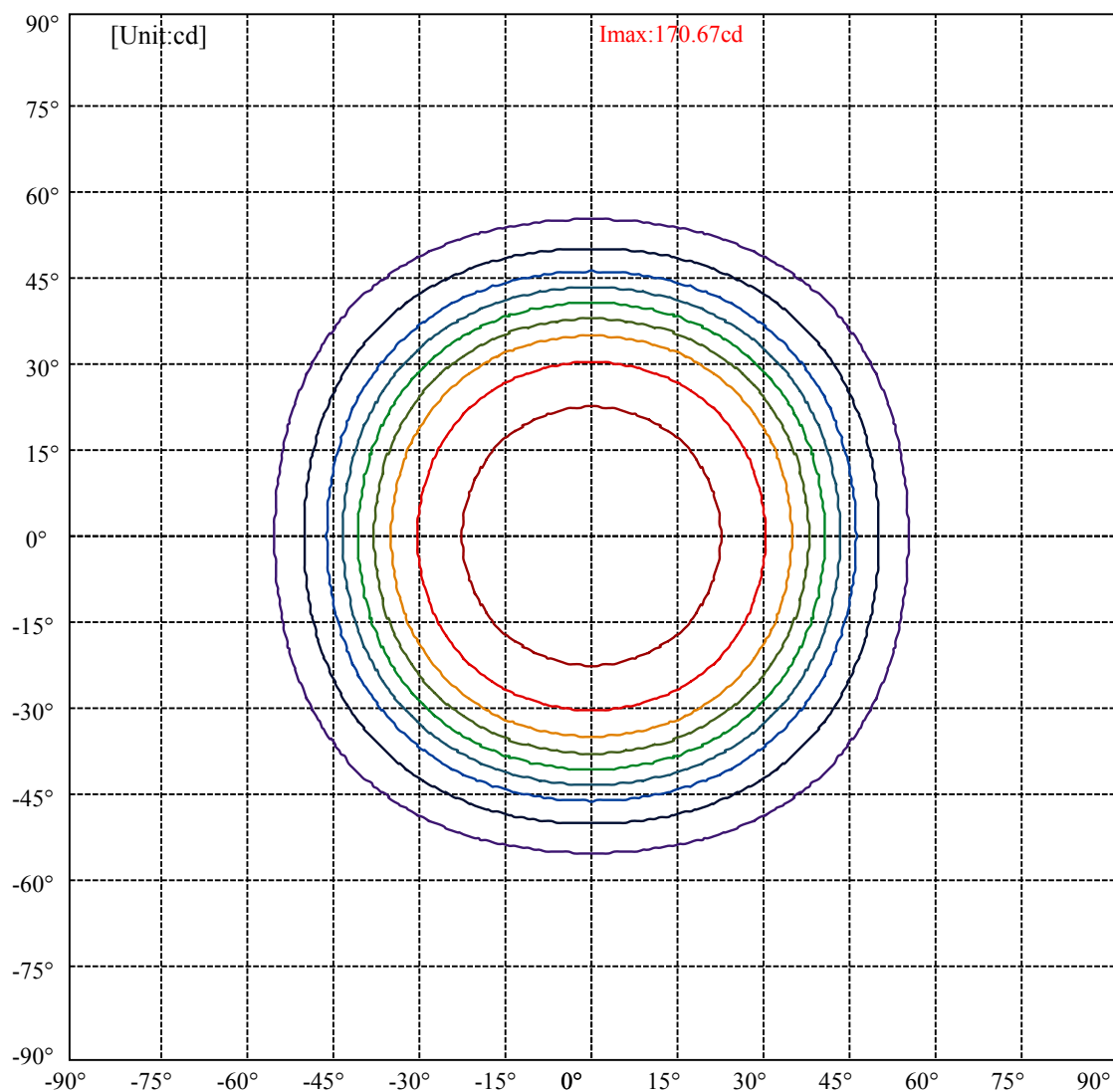
Date: 3/28/2023
Humidity(%): 55.0%

Operator: 01
Distance(m): 6.90





Max , Ave Beam angle of C0 plane 80.30



| | | |
|-----------|---------|---|
| (10%Imax) | 17.0666 | — |
| (20%Imax) | 34.1332 | — |
| (30%Imax) | 51.1998 | — |
| (40%Imax) | 68.2664 | — |
| (50%Imax) | 85.333 | — |
| (60%Imax) | 102.4 | — |
| (70%Imax) | 119.466 | — |
| (80%Imax) | 136.533 | — |
| (90%Imax) | 153.599 | — |

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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 | 5276 | 3450 | 1880 | 1032 | 533 | 251 | 237 | 319 | 540 |
| C45 | 5276 | 3450 | 1880 | 1032 | 533 | 251 | 237 | 319 | 540 |
| C90 | 5276 | 3450 | 1880 | 1032 | 533 | 251 | 237 | 319 | 540 |

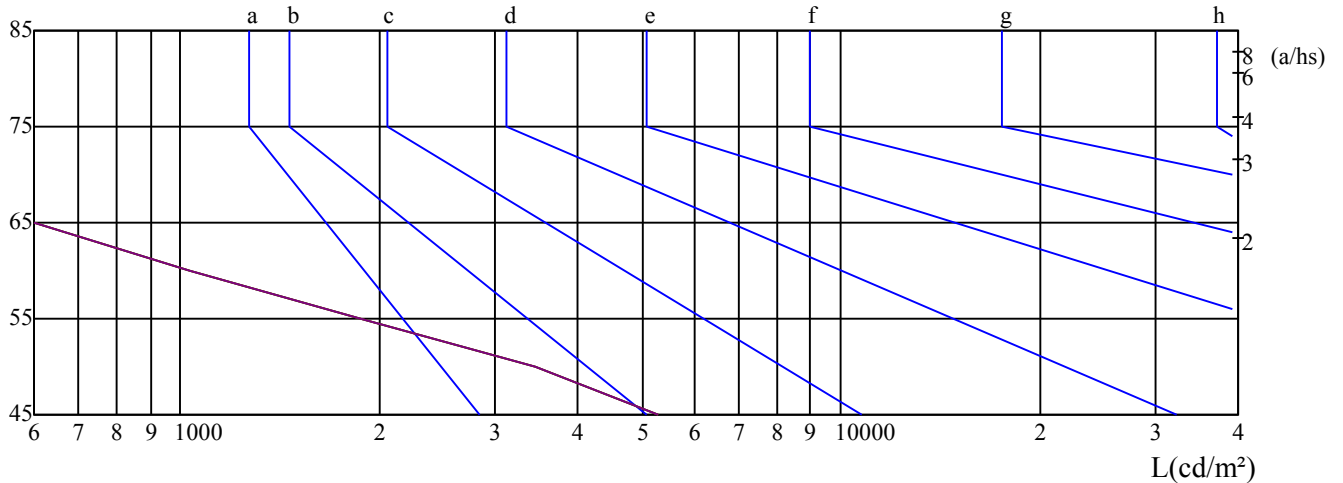
| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| 533 | 533 | 533 | 237 | 237 | 237 | 540 | 540 | 540 |

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

Date: 3/28/2023
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 | 16.30 | 17.51 | 16.66 | 17.82 | 18.13 | 16.79 | 18.00 | 17.16 | 18.31 | 18.63 |
| | 3H | 16.14 | 17.21 | 16.52 | 17.54 | 17.89 | 16.73 | 17.80 | 17.12 | 18.14 | 18.48 |
| | 4H | 16.06 | 17.05 | 16.45 | 17.40 | 17.76 | 16.66 | 17.65 | 17.06 | 18.00 | 18.37 |
| | 6H | 15.99 | 16.90 | 16.40 | 17.27 | 17.67 | 16.61 | 17.51 | 17.02 | 17.89 | 18.28 |
| | 8H | 15.93 | 16.80 | 16.34 | 17.18 | 17.58 | 16.55 | 17.42 | 16.97 | 17.80 | 18.21 |
| | 12H | 15.87 | 16.70 | 16.29 | 17.09 | 17.50 | 16.50 | 17.33 | 16.92 | 17.72 | 18.13 |
| 4H | 2H | 16.26 | 17.24 | 16.65 | 17.60 | 17.96 | 16.75 | 17.74 | 17.15 | 18.10 | 18.46 |
| | 3H | 16.07 | 16.89 | 16.49 | 17.28 | 17.69 | 16.69 | 17.50 | 17.11 | 17.89 | 18.31 |
| | 4H | 16.02 | 16.73 | 16.46 | 17.15 | 17.60 | 16.65 | 17.36 | 17.09 | 17.78 | 18.22 |
| | 6H | 15.91 | 16.53 | 16.38 | 16.98 | 17.43 | 16.56 | 17.18 | 17.03 | 17.63 | 18.08 |
| | 8H | 15.87 | 16.45 | 16.35 | 16.90 | 17.37 | 16.53 | 17.11 | 17.01 | 17.56 | 18.03 |
| | 12H | 15.84 | 16.37 | 16.32 | 16.82 | 17.34 | 16.51 | 17.05 | 16.99 | 17.49 | 18.01 |
| 8H | 4H | 15.86 | 16.44 | 16.34 | 16.89 | 17.36 | 16.48 | 17.06 | 16.96 | 17.51 | 17.98 |
| | 6H | 15.74 | 16.22 | 16.24 | 16.69 | 17.20 | 16.38 | 16.86 | 16.88 | 17.33 | 17.84 |
| | 8H | 15.74 | 16.16 | 16.27 | 16.68 | 17.17 | 16.40 | 16.81 | 16.93 | 17.33 | 17.83 |
| | 12H | 15.72 | 16.06 | 16.25 | 16.57 | 17.09 | 16.39 | 16.73 | 16.93 | 17.25 | 17.76 |
| 12H | 4H | 15.81 | 16.35 | 16.30 | 16.80 | 17.31 | 16.43 | 16.97 | 16.92 | 17.42 | 17.93 |
| | 6H | 15.73 | 16.14 | 16.26 | 16.66 | 17.16 | 16.37 | 16.78 | 16.89 | 17.30 | 17.80 |
| | 8H | 15.70 | 16.04 | 16.23 | 16.55 | 17.07 | 16.35 | 16.69 | 16.89 | 17.21 | 17.73 |
| Variation with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | | 1.8/-4.4 | | | | | 1.8/-4.4 | | | | |
| S = 1.5H | | 3.7/-8.2 | | | | | 3.7/-8.2 | | | | |
| S = 2.0H | | 6.1/-10.4 | | | | | 6.1/-10.4 | | | | |
| Standard tables: | | BK0 | | | | | BK0 | | | | |
| Uncorrected UGR | | -3.6 | | | | | -3.6 | | | | |

依据CIE Publ. 117 计算 UGR, S/H = 0.25