

9005 SLED9005 BRANCA FITA 9,6WM 3500K 80 - 1m



Luminária linear de sobrepor em forro de gesso ou Dry-wall com iluminação difusa. Corpo em alumínio extrudado com acabamento na cor branca. Difusor em acrílico extrudado leitoso. Indicado para residência, recepção, escritório etc.

Fluxo luminoso – 720 lm/m

Potência – 9,6 W/m

Intensidade pico – 243cd

CCT – 3347K



IRC – 85,1

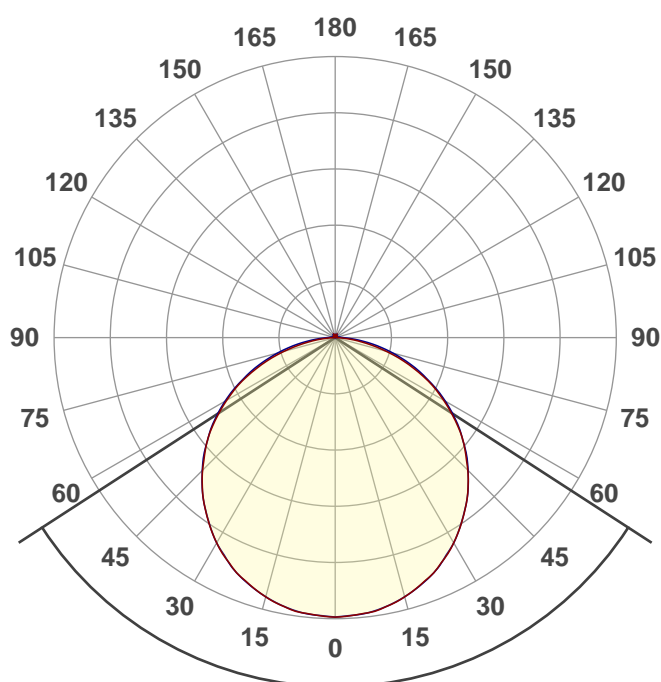
Coordenada CIE 1931 – x- 0,412 y- 0,390

A x L - 8x17

Peso - 0,12kg/m

IP - 20 - Uso Interno

IK - 00 – Não aplicável



Facho de abertura

114,1°

Data do ensaio
20/01/2021 14:36:09

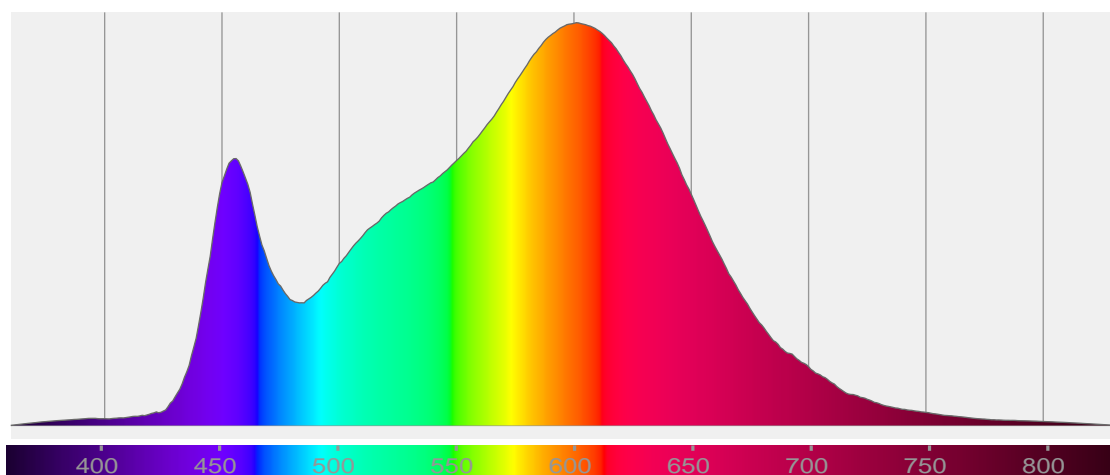
Rf 85,6

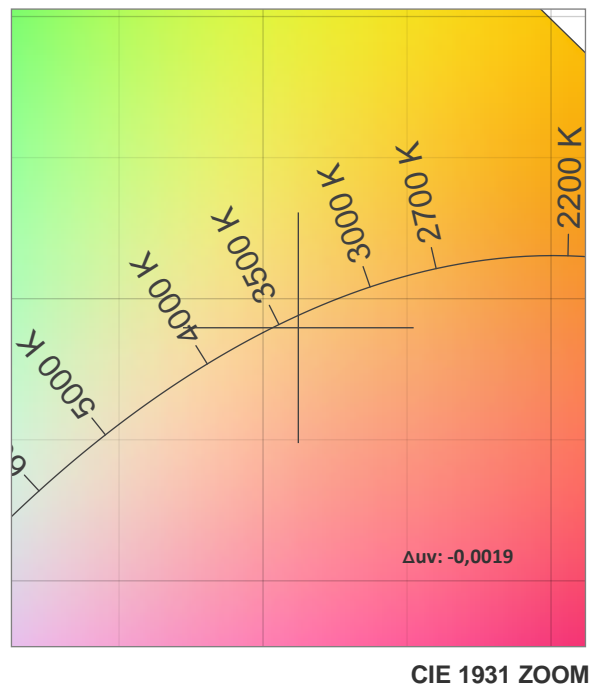
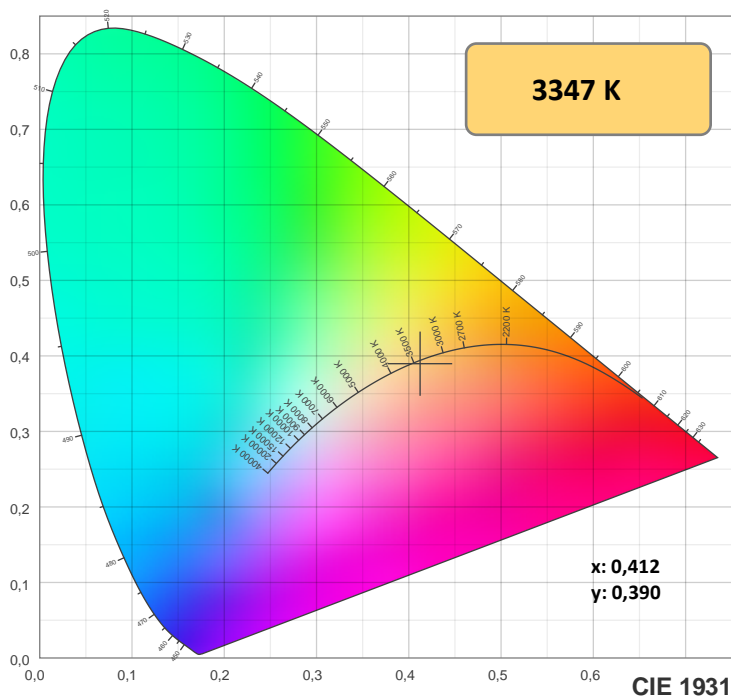
Fidelity index Rf

Rg 95,1

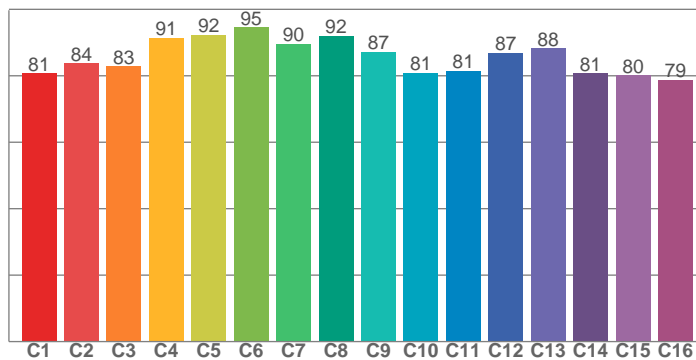
Gamut index Rg

| Hue Bin | R _f | Shifts (%) | |
|---------|----------------|------------|------|
| | | Chroma | Hue |
| 1 | 81 | -11% | 1% |
| 2 | 84 | -7% | 6% |
| 3 | 83 | -3% | 9% |
| 4 | 91 | -1% | 3% |
| 5 | 92 | -3% | 2% |
| 6 | 95 | 0% | -2% |
| 7 | 90 | -6% | -1% |
| 8 | 92 | -4% | 1% |
| 9 | 87 | -5% | 7% |
| 10 | 81 | -3% | 12% |
| 11 | 81 | 3% | 11% |
| 12 | 87 | 8% | 1% |
| 13 | 88 | 3% | -8% |
| 14 | 81 | 4% | -15% |
| 15 | 80 | -4% | -13% |
| 16 | 79 | -7% | -10% |

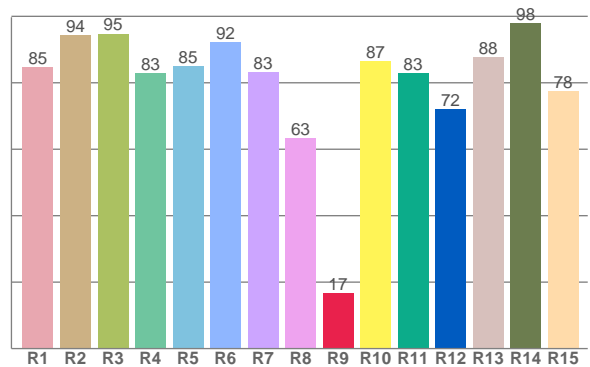




TM-30: 85,6



CRI: 85,1 (R1-R8)



CRIRA R1-R8 / CRIR R1-R15

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 84,8 | 94,4 | 94,8 | 82,8 | 85,0 | 92,3 | 83,2 | 63,4 | 16,6 | 86,6 | 82,9 | 72,1 | 87,6 | 98,0 | 77,5 |

TM30 valores C. 16 valores extraídos dos 99.

| C1 | C2 | C3 | C4 | C5 | C6 | C7 | C8 | C9 | C10 | C11 | C12 | C13 | C14 | C15 | C16 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 80,7 | 83,7 | 82,8 | 91,3 | 92,2 | 94,5 | 89,6 | 92,0 | 87,1 | 80,9 | 81,4 | 86,9 | 88,3 | 80,7 | 80,1 | 78,7 |

Parametros de cor

| Temperatura de cor | Índice de reprodução de cor | Reprodução de cor vermelho R9 | Color fidelity | Color gamut | Color quality scale | Coordenada de cor cie 1931 | Coordenada de cor cie 1931 | Coordenada de cor | Coordenada de cor | Color deviation from black body |
|--------------------|-----------------------------|-------------------------------|----------------|-------------|---------------------|----------------------------|----------------------------|-------------------|-------------------|---------------------------------|
| CCT | IRC | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Δuv |
| 3347 K | 85,1 | 16,6 | 85,6 | 95,1 | 83,9 | 0,412 | 0,390 | 0,241 | 0,341 | -0,0019 |

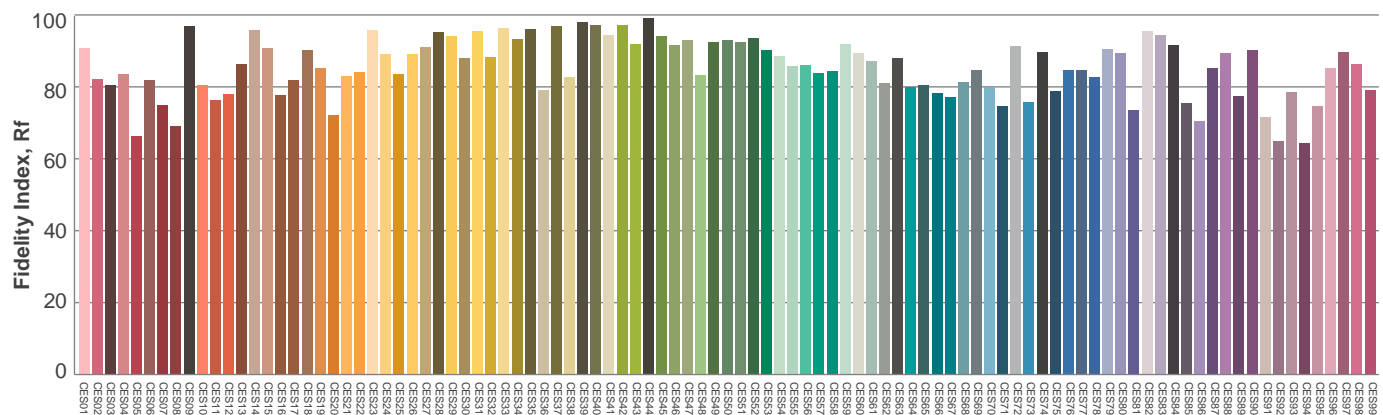
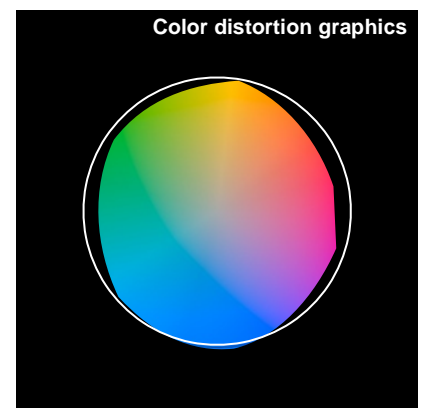
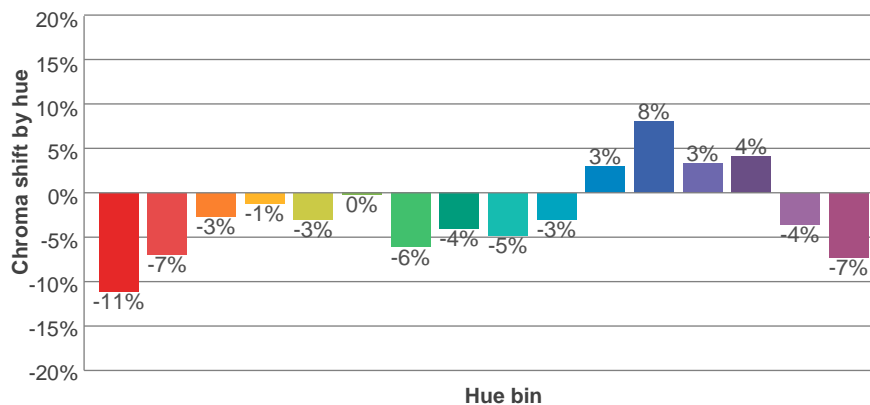
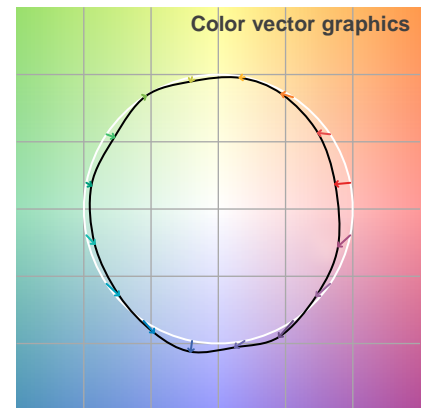
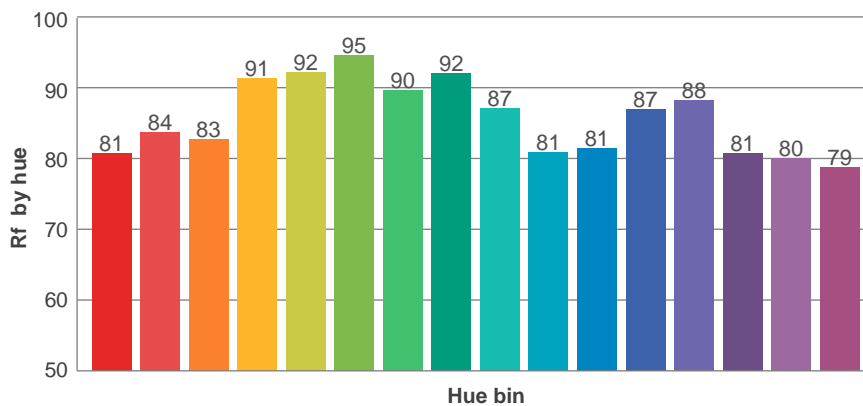
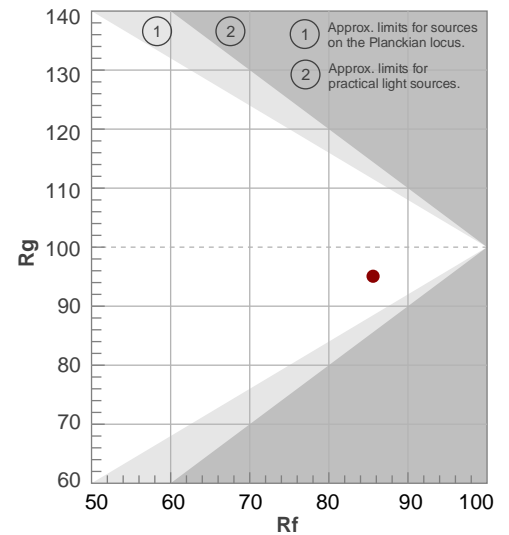
Rf 85,6

Fidelity index Rf

Rg 95,1

Gamut index Rg

| Hue Bin | R _f | Shifts (%) | |
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| | | Chroma | Hue |
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| 13 | 88 | 3% | -8% |
| 14 | 81 | 4% | -15% |
| 15 | 80 | -4% | -13% |
| 16 | 79 | -7% | -10% |



Avaliação todas as amostras de cores

Glare Evaluation According to UGR

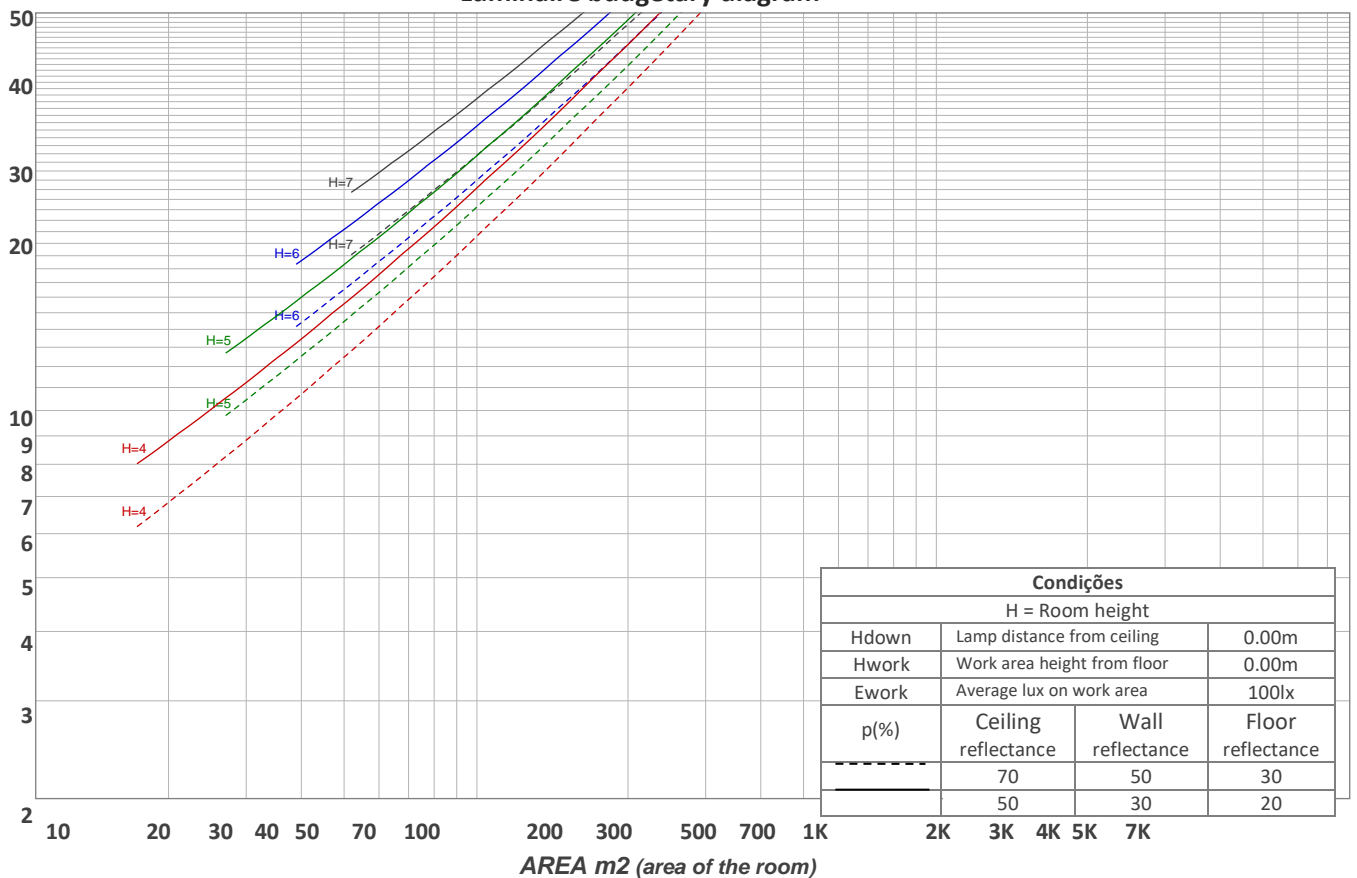
| | | | | | | | | | | | |
|---|-----|--|------|------|------|------|---|------|------|------|------|
| p Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| p Walls | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| p Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room size X Y | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| 2H | 2H | 21,4 | 22,6 | 21,7 | 23,0 | 23,2 | 21,7 | 22,9 | 21,9 | 23,2 | 23,5 |
| | 3H | 22,8 | 24,1 | 23,3 | 24,4 | 24,6 | 23,2 | 24,5 | 23,7 | 24,8 | 25,0 |
| | 4H | 23,4 | 24,6 | 23,8 | 24,9 | 25,2 | 23,9 | 25,1 | 24,4 | 25,4 | 25,7 |
| | 6H | 23,8 | 24,9 | 24,1 | 25,2 | 25,6 | 24,6 | 25,6 | 24,9 | 25,9 | 26,3 |
| | 8H | 23,9 | 24,9 | 24,2 | 25,2 | 25,7 | 24,8 | 25,8 | 25,1 | 26,1 | 26,6 |
| | 12H | 23,9 | 24,9 | 24,3 | 25,3 | 25,7 | 24,9 | 25,9 | 25,3 | 26,3 | 26,7 |
| 4H | 2H | 22,1 | 23,3 | 22,5 | 23,6 | 23,8 | 22,2 | 23,4 | 22,7 | 23,7 | 24,0 |
| | 3H | 23,8 | 24,8 | 24,2 | 25,1 | 25,6 | 24,1 | 25,1 | 24,5 | 25,5 | 26,0 |
| | 4H | 24,4 | 25,3 | 24,8 | 25,7 | 26,3 | 24,9 | 25,8 | 25,3 | 26,2 | 26,8 |
| | 6H | 24,8 | 25,7 | 25,3 | 26,1 | 26,5 | 25,6 | 26,4 | 26,1 | 26,8 | 27,2 |
| | 8H | 24,9 | 25,7 | 25,5 | 26,1 | 26,6 | 25,8 | 26,6 | 26,3 | 27,0 | 27,4 |
| | 12H | 25,0 | 25,7 | 25,5 | 26,1 | 26,6 | 26,0 | 26,7 | 26,5 | 27,1 | 27,7 |
| 8H | 4H | 24,7 | 25,5 | 25,2 | 25,9 | 26,3 | 25,1 | 25,9 | 25,6 | 26,3 | 26,7 |
| | 6H | 25,3 | 25,9 | 25,8 | 26,4 | 27,0 | 26,0 | 26,6 | 26,5 | 27,1 | 27,6 |
| | 8H | 25,5 | 26,0 | 26,0 | 26,6 | 27,2 | 26,3 | 26,9 | 26,9 | 27,4 | 28,1 |
| | 12H | 25,6 | 26,1 | 26,2 | 26,6 | 27,2 | 26,7 | 27,1 | 27,3 | 27,6 | 28,3 |
| 12H | 4H | 24,7 | 25,4 | 25,2 | 25,8 | 26,3 | 25,1 | 25,8 | 25,6 | 26,2 | 26,7 |
| | 6H | 25,4 | 25,9 | 25,9 | 26,5 | 27,1 | 26,0 | 26,6 | 26,6 | 27,1 | 27,8 |
| | 8H | 25,6 | 26,1 | 26,2 | 26,6 | 27,2 | 26,4 | 26,9 | 27,0 | 27,4 | 28,0 |
| Variation of the observer position for the luminaire distance S | | | | | | | | | | | |
| S = 1.0H | | 0,1 / -0,1 | | | | | 0,1 / -0,1 | | | | |
| S = 1.5H | | 0,2 / -0,3 | | | | | 0,1 / -0,2 | | | | |
| S = 2.0H | | 0,4 / -0,6 | | | | | 0,4 / -0,4 | | | | |
| Standard table | | n/a | | | | | n/a | | | | |
| Correction summand | | n/a | | | | | n/a | | | | |
| Corrected glare indices referring to 720 lm total luminous flux | | | | | | | | | | | |

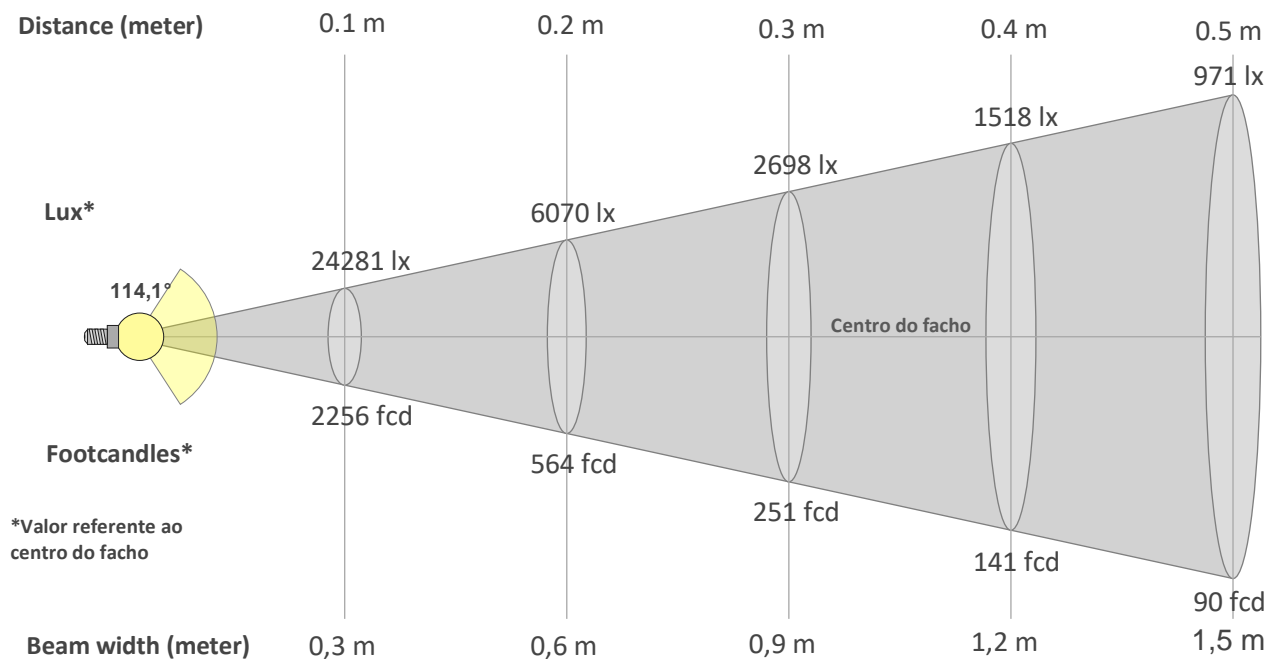
Coeficiente de utilização

| Ceiling reflectance | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|---------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Wall reflectance | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| Floor reflectance | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 0 |
| RCR | (RCR: Room Cavity Ratio) Room Values are expressed as percentage of Lumens delivered to the task surface | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 110 | 110 | 110 | 105 | 105 | 105 | 101 | 101 | 101 | 98 |
| 1 | 108 | 103 | 99 | 95 | 105 | 101 | 97 | 93 | 96 | 93 | 90 | 92 | 89 | 87 | 88 | 86 | 84 | 82 |
| 2 | 98 | 90 | 83 | 77 | 95 | 88 | 81 | 76 | 84 | 78 | 74 | 80 | 76 | 72 | 77 | 73 | 70 | 68 |
| 3 | 89 | 79 | 70 | 64 | 87 | 77 | 69 | 63 | 74 | 67 | 62 | 71 | 65 | 60 | 68 | 63 | 59 | 57 |
| 4 | 82 | 69 | 61 | 54 | 79 | 68 | 60 | 53 | 65 | 58 | 52 | 63 | 57 | 51 | 60 | 55 | 51 | 48 |
| 5 | 75 | 62 | 53 | 46 | 73 | 61 | 52 | 46 | 58 | 51 | 45 | 56 | 50 | 45 | 54 | 49 | 44 | 42 |
| 6 | 69 | 56 | 47 | 40 | 67 | 55 | 46 | 40 | 53 | 45 | 39 | 51 | 44 | 39 | 49 | 43 | 39 | 36 |
| 7 | 64 | 51 | 42 | 35 | 62 | 50 | 41 | 35 | 48 | 40 | 35 | 46 | 40 | 35 | 45 | 39 | 34 | 32 |
| 8 | 60 | 46 | 37 | 32 | 58 | 45 | 37 | 31 | 44 | 36 | 31 | 42 | 36 | 31 | 41 | 35 | 31 | 29 |
| 9 | 56 | 42 | 34 | 28 | 54 | 42 | 34 | 28 | 40 | 33 | 28 | 39 | 33 | 28 | 38 | 32 | 28 | 26 |
| 10 | 52 | 39 | 31 | 26 | 51 | 38 | 31 | 26 | 37 | 30 | 25 | 36 | 30 | 25 | 35 | 29 | 25 | 23 |

Quantidade de luminárias

Luminaire budgetary diagram





Beam intensities from 1-20m

| 1m | 2m | 3m | 4m | 5m | 6m | 7m | 8m | 9m | 10m | 11m | 12m | 13m | 14m | 15m | 16m | 17m | 18m | 19m | 20m |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3,3ft | 6,6ft | 9,8ft | 13,1ft | 16,4ft | 19,7ft | 23ft | 26,2ft | 29,5ft | 32,8ft | 36,1ft | 39,4ft | 42,7ft | 45,9ft | 49,2ft | 52,5ft | 55,8ft | 59,1ft | 62,3ft | 65,6ft |
| 243lx | 61lx | 27lx | 15lx | 10lx | 7lx | 5lx | 4lx | 3lx | 2lx | 2lx | 2lx | 1lx | 1lx | 1lx | 1lx | 1lx | 1lx | 1lx | 1lx |
| 22,6fcd | 5,6fcd | 2,5fcd | 1,4fcd | 0,9fcd | 0,6fcd | 0,5fcd | 0,4fcd | 0,3fcd | 0,2fcd | 0,2fcd | 0,2fcd | 0,1fcd | 0,1fcd | 0,1fcd | 0,1fcd | 0,1fcd | 0,1fcd | 0,1fcd | 0,1fcd |

Intensities in 0° c-plane

| 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 243 | 241 | 239 | 233 | 226 | 217 | 206 | 193 | 179 | 163 | 146 | 128 | 109 | 89 | 67 | 46 | 26 | 10 | 2 | 1 |
| 100% | 99% | 98% | 96% | 93% | 89% | 85% | 79% | 74% | 67% | 60% | 53% | 45% | 37% | 28% | 19% | 11% | 4% | 1% | 1% |

Intensities in 90° c-plane

| 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 243 | 242 | 238 | 233 | 226 | 217 | 206 | 193 | 179 | 163 | 147 | 129 | 110 | 91 | 71 | 52 | 34 | 17 | 7 | 4 |
| 100% | 99% | 98% | 96% | 93% | 89% | 85% | 79% | 74% | 67% | 60% | 53% | 45% | 37% | 29% | 21% | 14% | 7% | 3% | 2% |

Intensities in 180° c-plane

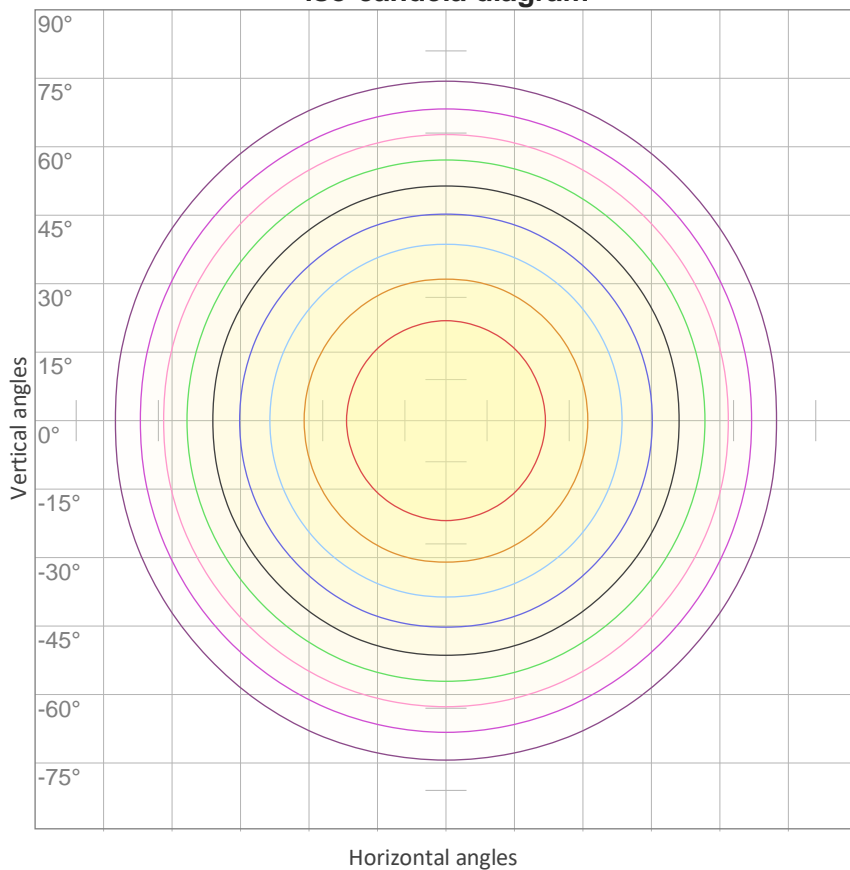
| 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 243 | 241 | 239 | 233 | 226 | 217 | 206 | 193 | 179 | 163 | 146 | 128 | 109 | 89 | 67 | 46 | 26 | 10 | 2 | 1 |
| 100% | 99% | 98% | 96% | 93% | 89% | 85% | 79% | 74% | 67% | 60% | 53% | 45% | 37% | 28% | 19% | 11% | 4% | 1% | 1% |

Intensities in 270° c-plane

| 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 243 | 242 | 238 | 233 | 226 | 217 | 206 | 193 | 179 | 163 | 147 | 129 | 110 | 91 | 71 | 52 | 34 | 17 | 7 | 4 |
| 100% | 99% | 98% | 96% | 93% | 89% | 85% | 79% | 74% | 67% | 60% | 53% | 45% | 37% | 29% | 21% | 14% | 7% | 3% | 2% |

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|-------------------|------------------------------|-----------------------------|
| 114,1° | 163,5° | 177,9° | 76,5% | 51,8% |

iso-candela diagram



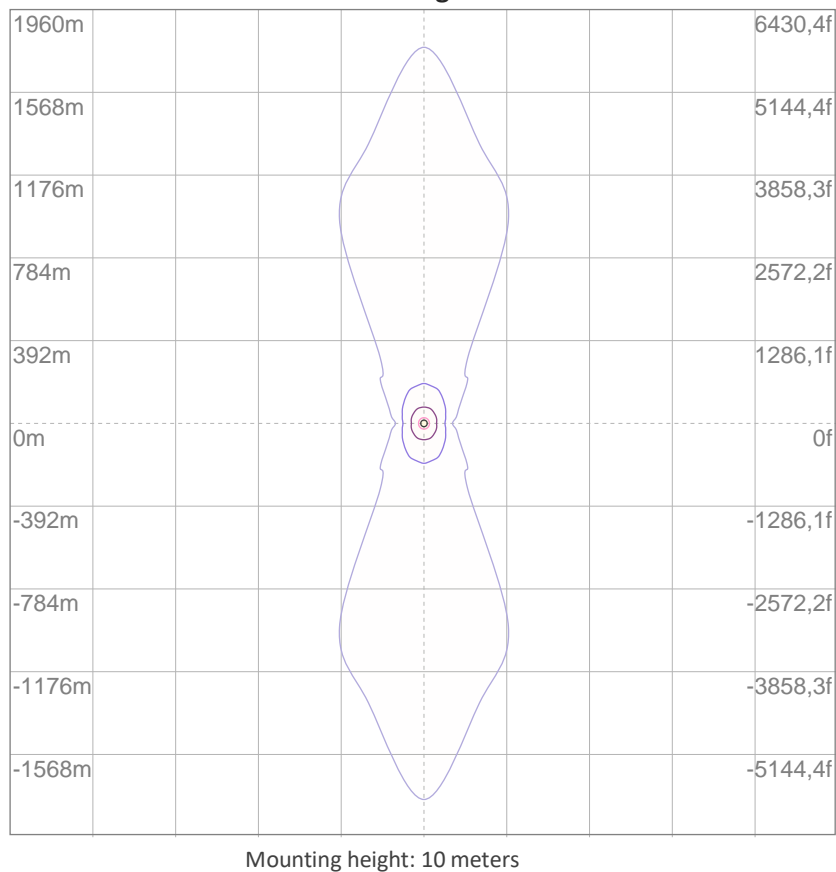
| | |
|-----|--------|
| 10% | 24 cd |
| 20% | 49 cd |
| 30% | 73 cd |
| 40% | 97 cd |
| 50% | 121 cd |
| 60% | 146 cd |
| 70% | 170 cd |
| 80% | 194 cd |
| 90% | 219 cd |

Conditions:

Number of c-planes: 16

Candela at center: 243 cd

iso-lux diagram



| | |
|-----|----------|
| 3% | 72,8m lx |
| 5% | 0,121 lx |
| 10% | 0,243 lx |
| 30% | 0,728 lx |
| 50% | 1,21 lx |

Conditions:

Number of c-planes: 16

Lux at center: 2,43 lx

Lux distribution on a surface when lamp is mounted at 10 meters from the surface.

Potência

| | | | | | |
|--|--|--|--|--|--|
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| | | | | | |
| | | | | | |
| | | | | | |

Vttagem: 12,0 V

Corrente: 0,800 A

Frequência: 0 Hz

FP: 1,0

THD



THD corrente: n/a

THD tensão: n/a