

Luminaire

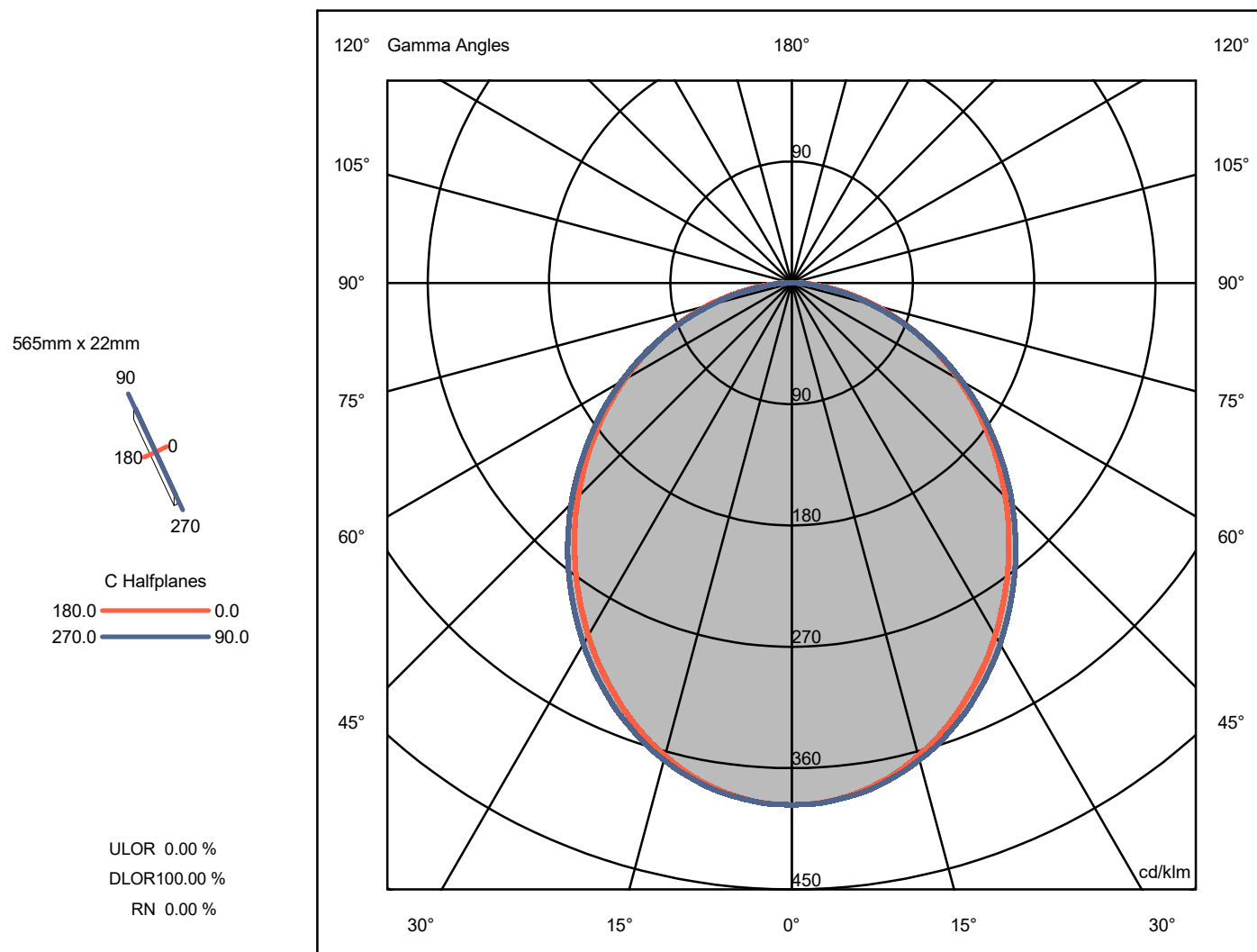
Code M22567-5-O-E
Name M22 565 mm 3000K CRI90 SCHERMO OPALE

Measurement

Code M22567-5-O-E
Name M22 565 mm 3000K CRI90 SCHERMO OPALE

| | | | | | | | |
|----------------------------|--------|-----------------|---------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux | 990 lm | Luminaire Power | 11.4 W | Efficacy | 86.816 lm/W | Efficiency | 100.00% |
| Source Flux | 990 lm | Maximum value | 387.24 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |
| Rectangular Luminaire | | Length | 565 mm | Width | 22 mm | Height | 25 mm |
| Rectangular Luminous Area | | Length | 560 mm | Width | 22 mm | Height | 1 mm |
| Horizontal Luminous Area | | 0.012320 m2 | | Emitting area on Plane 180° | | 0.000560 m2 | |
| Emitting area on Plane 0° | | 0.000560 m2 | | Emitting area on Plane 270° | | 0.000022 m2 | |
| Emitting area on Plane 90° | | 0.000022 m2 | | Glare area at 76° | | 0.003524 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Double Symmetrical | |
| Date | | 18-07-2018 | | Maximum Gamma Angle | | 90 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 990 lm | |
| Operator | | 1.01.56 | | Rated Voltage | | | |
| Temperature | | | | Rated Current | | | |
| Humidity | | | | Photocell | | | |
| Notes | | | | | | | |

| Luminaire Sources | | | | | | |
|-------------------|------------------|------------|-----------|----------|------|--|
| Line | Code | Name | Flux [lm] | Pow. [W] | Q.ty | |
| | LED | LED | 989.70 | 11.40 | 1 | |
| C.I.E. | 49 80 96 100 100 | D DIN 5040 | A30 | | | |
| F UTE | 1.00 E | B NBN | BZ 4 | | | |



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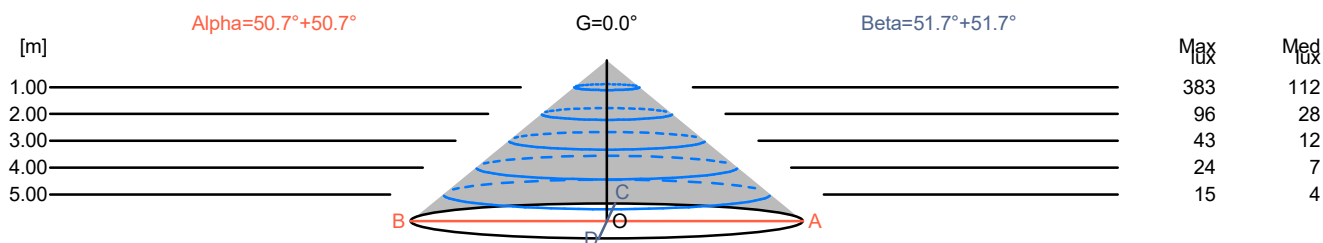
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Width at 50.00 % of Max Intensity

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 | H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 |
| OA | 1.22 | 2.44 | 3.66 | 4.88 | 6.10 | OC | 1.26 | 2.53 | 3.79 | 5.06 | 6.32 |
| OB | 1.22 | 2.44 | 3.66 | 4.88 | 6.10 | OD | 1.26 | 2.53 | 3.79 | 5.06 | 6.32 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| OA | 383.25 | 380.60 | 359.33 | 321.61 | 274.01 | 221.81 | 168.22 | 114.94 | 63.27 | 18.56 |
| OB | 383.25 | 380.60 | 359.33 | 321.61 | 274.01 | 221.81 | 168.22 | 114.94 | 63.27 | 18.56 |
| OC | 383.25 | 380.82 | 362.62 | 327.97 | 281.73 | 229.12 | 172.81 | 116.03 | 60.07 | 13.62 |
| OD | 383.25 | 380.82 | 362.62 | 327.97 | 281.73 | 229.12 | 172.81 | 116.03 | 60.07 | 13.62 |



| H[m] | D[m] | Max lux | Med lux | Alpha=50.7°+50.7° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 2.44 | 383 | 112 | | |
| 2.00 | 4.88 | 96 | 28 | | |
| 3.00 | 7.32 | 43 | 12 | | |
| 4.00 | 9.76 | 24 | 7 | | |
| 5.00 | 12.20 | 15 | 4 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=51.7°+51.7° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 2.53 | 383 | 112 | | |
| 2.00 | 5.06 | 96 | 28 | | |
| 3.00 | 7.58 | 43 | 12 | | |
| 4.00 | 10.11 | 24 | 7 | | |
| 5.00 | 12.64 | 15 | 4 | | |

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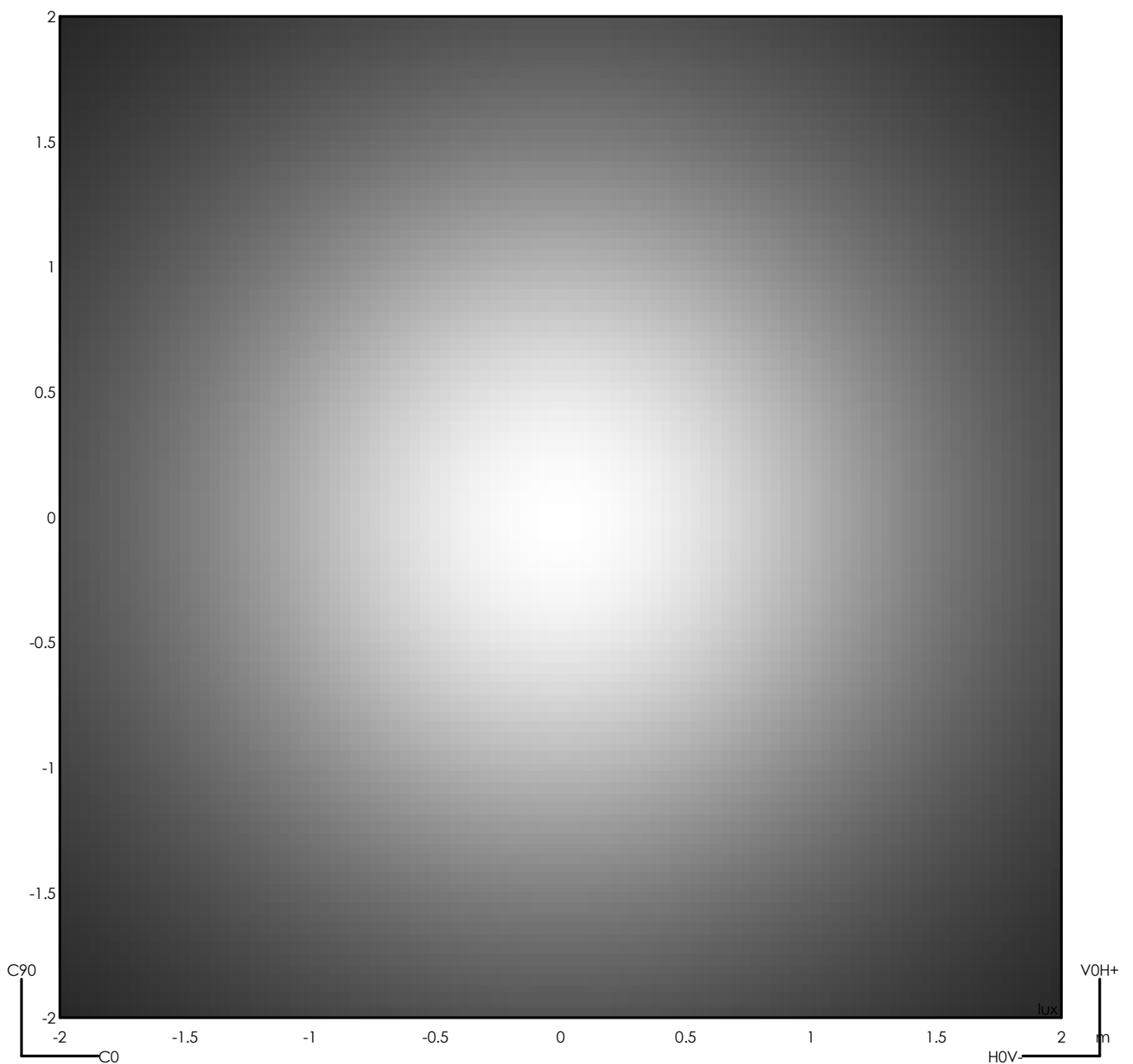
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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m



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UGR
S = 0.250

| Reflectancies | | | | | | | | | | |
|-----------------|--------------|------|------|------|------|----------------|------|------|------|------|
| Ceiling/Cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Working Plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room Dimensions | | | | | | | | | | |
| | Lateral View | | | | | Viewed Endwise | | | | |
| x=2H y=2H | 23.3 | 24.6 | 23.6 | 24.8 | 25.1 | 23.6 | 24.9 | 23.9 | 25.1 | 25.3 |
| x=2H y=3H | 24.8 | 26.0 | 25.1 | 26.2 | 26.5 | 25.1 | 26.2 | 25.4 | 26.5 | 26.8 |
| x=2H y=4H | 25.4 | 26.5 | 25.7 | 26.8 | 27.1 | 25.6 | 26.8 | 26.0 | 27.0 | 27.3 |
| x=2H y=6H | 25.8 | 26.9 | 26.2 | 27.2 | 27.5 | 26.0 | 27.1 | 26.4 | 27.4 | 27.7 |
| x=2H y=8H | 26.0 | 27.0 | 26.3 | 27.3 | 27.6 | 26.2 | 27.2 | 26.5 | 27.5 | 27.8 |
| x=2H y=12H | 26.1 | 27.0 | 26.4 | 27.3 | 27.7 | 26.2 | 27.2 | 26.6 | 27.5 | 27.8 |
| x=4H y=2H | 24.0 | 25.1 | 24.3 | 25.4 | 25.7 | 24.2 | 25.3 | 24.5 | 25.6 | 25.9 |
| x=4H y=3H | 25.7 | 26.6 | 26.0 | 26.9 | 27.3 | 25.9 | 26.8 | 26.3 | 27.2 | 27.5 |
| x=4H y=4H | 26.4 | 27.2 | 26.8 | 27.6 | 27.9 | 26.6 | 27.4 | 27.0 | 27.8 | 28.1 |
| x=4H y=6H | 26.9 | 27.7 | 27.4 | 28.0 | 28.5 | 27.1 | 27.8 | 27.5 | 28.2 | 28.6 |
| x=4H y=8H | 27.1 | 27.8 | 27.6 | 28.2 | 28.6 | 27.3 | 27.9 | 27.7 | 28.3 | 28.8 |
| x=4H y=12H | 27.3 | 27.9 | 27.7 | 28.3 | 28.7 | 27.4 | 28.0 | 27.8 | 28.4 | 28.8 |
| x=8H y=4H | 26.7 | 27.4 | 27.1 | 27.8 | 28.2 | 26.9 | 27.5 | 27.3 | 27.9 | 28.3 |
| x=8H y=6H | 27.4 | 27.9 | 27.8 | 28.4 | 28.8 | 27.5 | 28.1 | 28.0 | 28.5 | 28.9 |
| x=8H y=8H | 27.6 | 28.1 | 28.1 | 28.6 | 29.1 | 27.7 | 28.2 | 28.2 | 28.7 | 29.2 |
| x=8H y=12H | 27.8 | 28.3 | 28.3 | 28.7 | 29.2 | 27.9 | 28.3 | 28.4 | 28.8 | 29.3 |
| x=12H y=4H | 26.7 | 27.3 | 27.1 | 27.7 | 28.2 | 26.9 | 27.5 | 27.3 | 27.9 | 28.3 |
| x=12H y=6H | 27.4 | 27.9 | 27.9 | 28.4 | 28.9 | 27.6 | 28.0 | 28.0 | 28.5 | 29.0 |
| x=12H y=8H | 27.7 | 28.1 | 28.2 | 28.6 | 29.1 | 27.8 | 28.2 | 28.3 | 28.7 | 29.2 |

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| | 45° | 50° | 55° | 60° | Average Luminance 65° | 70° | 75° | 80° | 85° | |
|-------|-------|-------|-------|-------|--------------------------|-------|-------|-------|-------|-----|
| 0.0° | 24355 | 23374 | 22354 | 21295 | 20115 | 18738 | 16964 | 14675 | 11375 | --- |
| 90.0° | 26253 | 25321 | 24393 | 23377 | 22200 | 20738 | 18713 | 16003 | 12428 | --- |

| Flush mounted or longitudinal view | | | | | | | | | | | | |
|------------------------------------|---|------------------|------|------|------|-----|------|------|------|------|------|------|
| | | Illumination(lx) | | | | | | | | | | |
| A | A | 2000 | 1000 | 750 | 500 | | <300 | | | | | 1.15 |
| B | 1 | | 2000 | 1500 | 1000 | 750 | 500 | <300 | | | | 1.5 |
| C | | | | | 2000 | | 1000 | 500 | <300 | | | 1.85 |
| D | 2 | | | | | | 2000 | 1000 | 500 | <300 | | 2.2 |
| E | 3 | | | | | | | 2000 | 1000 | 500 | <300 | 2.55 |

