

Luminaire

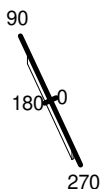
Code TT72000
Name SOMNIUM S D+I 1680mm 4000K ALU

Measur.

Code FTS2500126
Name SOMNIUM S D+I 1680mm 4000K ALU

| | | | | | | | |
|---|-----------------|-----------------|---------------|-----------------------------|----------------|--------------------|--------------------|
| Luminaire Flux | 4383 lm | Luminaire Power | 27.0 W | Efficacy | 162.333 lm/W | Efficiency | 100.00% |
| Source Flux | 4383 lm | Maximum value | 445.93 cd/klm | Position | C=10.00 G=4.00 | CG | Double Symmetrical |
| Rectangular Luminaire | | Length | 1680 mm | Width | 30 mm | Height | 32 mm |
| Rectangular Luminous Area | | Length | 1680 mm | Width | 30 mm | Height | 18 mm |
| Horizontal Luminous Area | | 0.050400 m2 | | Emitting area on Plane 180° | | 0.030240 m2 | |
| Emitting area on Plane 0° | | 0.030240 m2 | | Emitting area on Plane 270° | | 0.000540 m2 | |
| Emitting area on Plane 90° | | 0.000540 m2 | | Glare area at 76° | | 0.041535 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Double Symmetrical | |
| Date | | 28-02-2025 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 4383 lm | |
| LED Flux=4735lm LED Power=25W Eff=93% EfcLed=192lm/W EfcLum=162lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h | | | | | | | |
| C.I.E. | 94 98 99 52 100 | | | D DIN 5040 | | C61 | |
| F UTE | 0.52 A + 0.48 T | | | B NBN | | BZ 1 | |

1680mm x 30mm



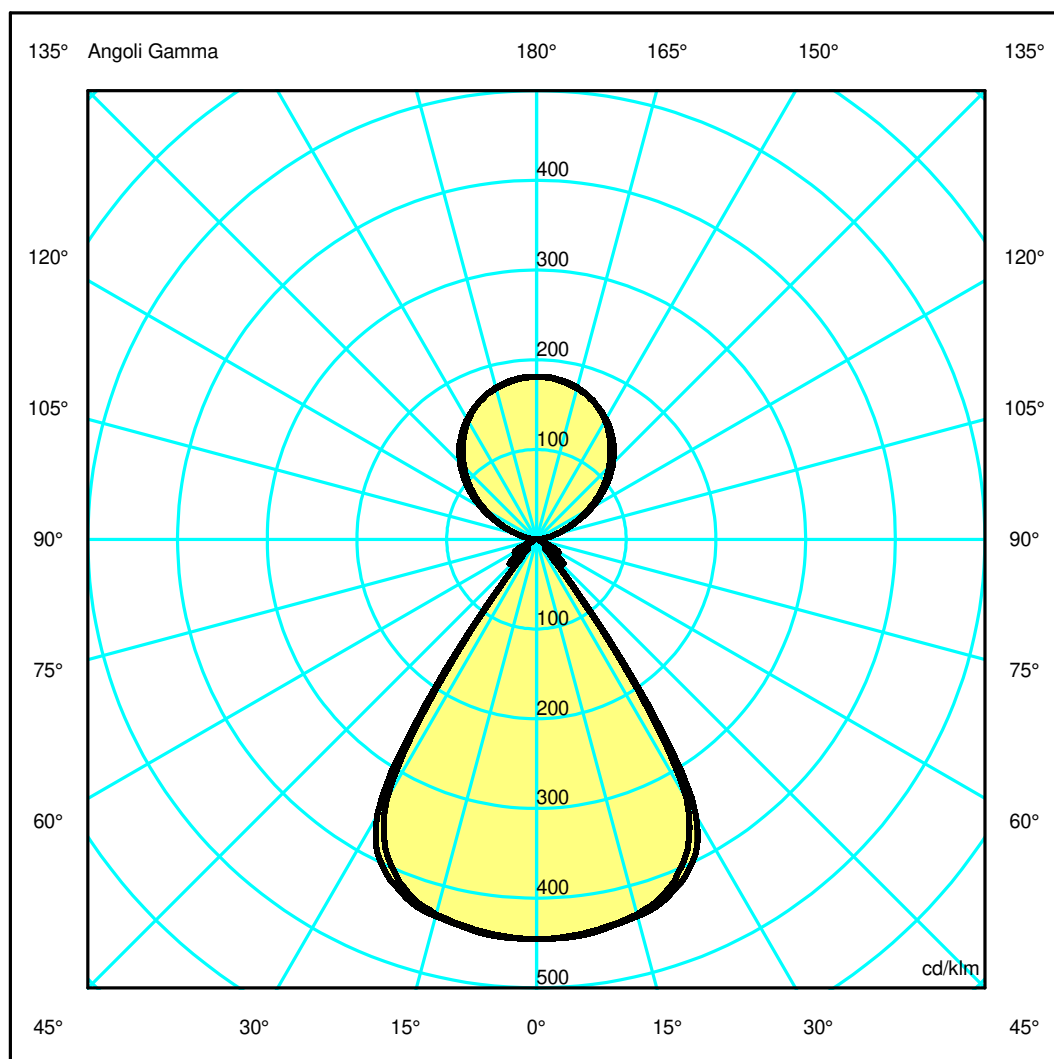
Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 48.06 %

DLOR 51.94 %

RN 48.06 %



Luminaire

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Measurem.

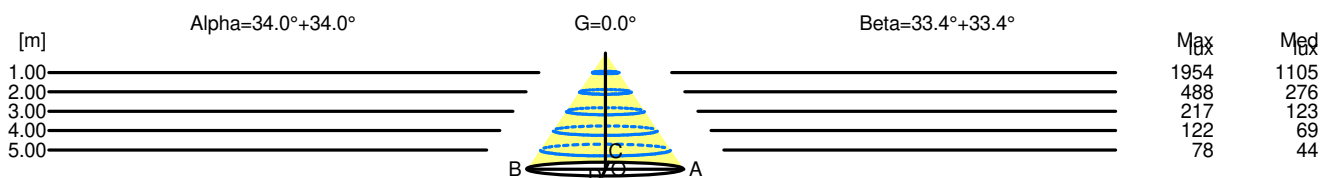
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Name SOMNIUM S D+I 1680mm 4000K ALU

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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 | 0.67 | 1.35 | 2.02 | 2.70 | 3.37 | OC | 0.66 | 1.32 | 1.98 | 2.64 | 3.30 |
| OB | 0.67 | 1.35 | 2.02 | 2.70 | 3.37 | OD | 0.66 | 1.32 | 1.98 | 2.64 | 3.30 |

| | | | | | | | | | | |
|----|--------------------------------|---------|---------|---------|--------|--------|--------|-------|-------|------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 1953.61 | 1949.74 | 1905.51 | 1769.82 | 772.08 | 70.91 | 49.08 | 24.61 | 15.52 | 8.96 |
| OB | 1953.61 | 1949.74 | 1905.51 | 1769.82 | 772.08 | 70.91 | 49.08 | 24.61 | 15.52 | 8.96 |
| OC | 1953.61 | 1943.52 | 1897.77 | 1715.49 | 683.09 | 108.33 | 116.81 | 64.74 | 12.10 | 4.94 |
| OD | 1953.61 | 1943.52 | 1897.77 | 1715.49 | 683.09 | 108.33 | 116.81 | 64.74 | 12.10 | 4.94 |



| H[m] | D[m] | Max lux | Med lux | Alpha=34.0°+34.0° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.35 | 1954 | 1105 | | |
| 2.00 | 2.70 | 488 | 276 | | |
| 3.00 | 4.04 | 217 | 123 | | |
| 4.00 | 5.39 | 122 | 69 | | |
| 5.00 | 6.74 | 78 | 44 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=33.4°+33.4° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 1.32 | 1954 | 1105 | | |
| 2.00 | 2.64 | 488 | 276 | | |
| 3.00 | 3.96 | 217 | 123 | | |
| 4.00 | 5.28 | 122 | 69 | | |
| 5.00 | 6.59 | 78 | 44 | | |