**Luminaire**
Code TTA4XXXXXX
Name SOMNIUM SUSP CIRC 832
**Measurem.**
Code FTS2500149
Name SOMNIUM S D+I CIRC. 832mm 3000K ALU

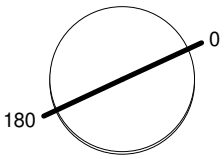
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 4452 lm | Luminaire Power | 27.0 W | Efficacy | 164.906 lm/W | Efficiency | 100.00% |
| Source Flux | 4452 lm | Maximum value | 412.74 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |

| | | | | | |
|---|---|---|---|---|---|
| Round Luminaire | Diam. | 832 mm | Height | 32 mm | |
| Rectangular Luminous Area | Length | 275 mm | Width | 275 mm | Height 18 mm |
| Horizontal Luminous Area | 0.075625 m2 | | Emitting area on Plane 180° | | 0.004950 m2 |
| Emitting area on Plane 0° | 0.004950 m2 | | Emitting area on Plane 270° | | 0.004950 m2 |
| Emitting area on Plane 90° | 0.004950 m2 | | Glare area at 76° | | 0.023098 m2 |
| Coordinate system | CG | | Symmetry Type | | Rotosymmetrical |
| Date | 27-01-2000 | | Maximum Gamma Angle | | 180 |
| Measurement Distance | 0.00 | | Measurement Flux | | 4452 lm |

LED Flux=4809lm LED Power=24W Eff=93% EfcLed=198lm/W EfcLum=165lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h

| | | | |
|---|---|---|---|
| C.I.E. | 89 96 99 50 100 | D DIN 5040 | C61 |
| F UTE | 0.50 A + 0.50 T | B NBN | BZ 1 |

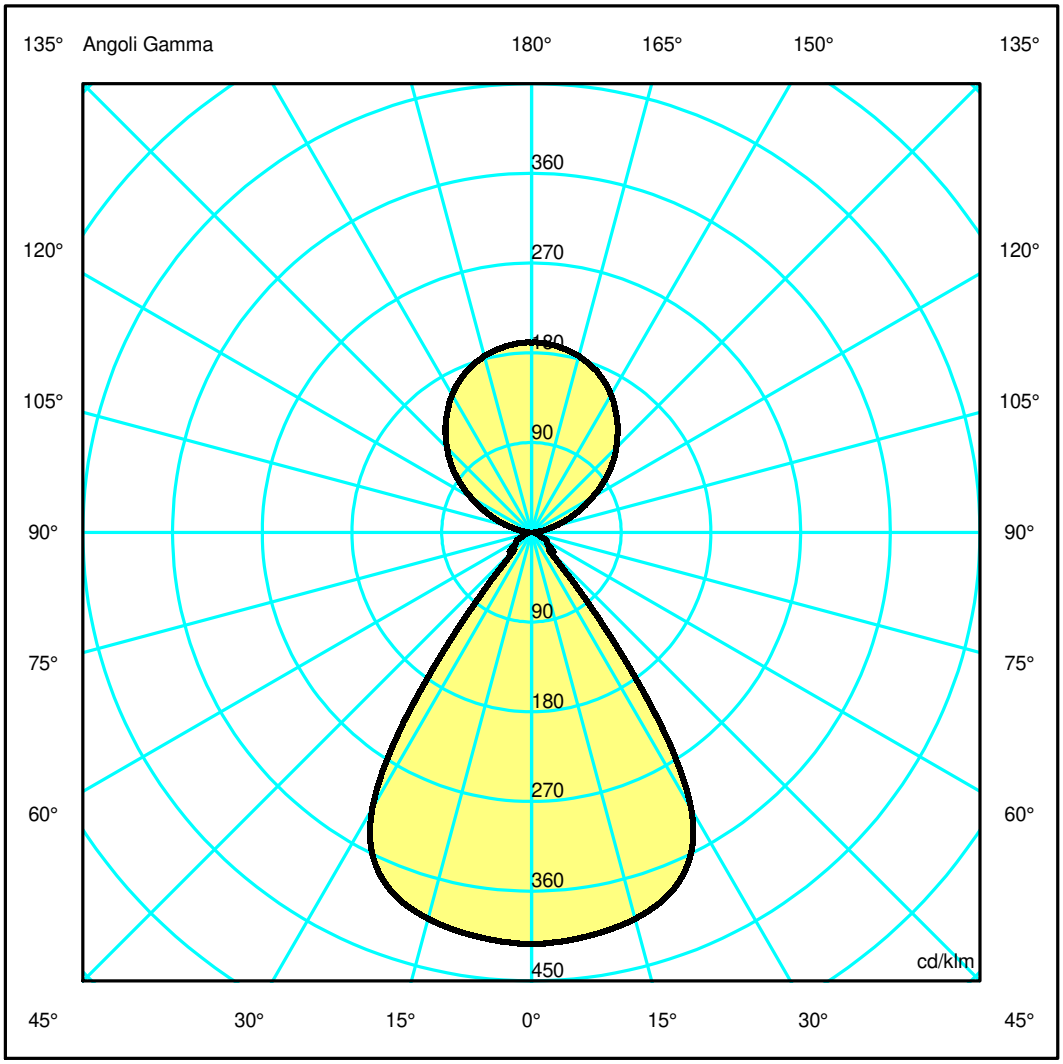
Diam=832mm




Semipiani C

180.0 0.0

ULOR 49.71 %
DLOR 50.29 %
RN 49.71 %



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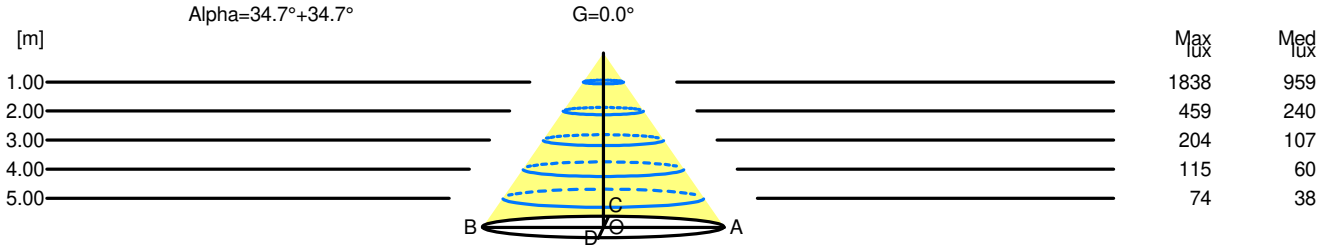
|---|---|---|---|
| C.I.E. | 89 96 99 50 100 | D DIN 5040 | C61 |
| F UTE | 0.50 A + 0.50 T | B NBN | BZ 1 |

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 | 0.69 | 1.39 | 2.08 | 2.77 | 3.47 | OC | 0.69 | 1.39 | 2.08 | 2.77 | 3.47 |
| OB | 0.69 | 1.39 | 2.08 | 2.77 | 3.47 | OD | 0.69 | 1.39 | 2.08 | 2.77 | 3.47 |

Luminous Intensities [ cd/klm]

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|---|---|---|---|---|---|---|---|---|---|---|
| OA | 1837.71 | 1829.98 | 1786.49 | 1644.47 | 883.04 | 107.39 | 86.43 | 50.41 | 20.42 | 12.32 |
| OB | 1837.71 | 1829.98 | 1786.49 | 1644.47 | 883.04 | 107.39 | 86.43 | 50.41 | 20.42 | 12.32 |
| OC | 1837.71 | 1829.98 | 1786.49 | 1644.47 | 883.04 | 107.39 | 86.43 | 50.41 | 20.42 | 12.32 |
| OD | 1837.71 | 1829.98 | 1786.49 | 1644.47 | 883.04 | 107.39 | 86.43 | 50.41 | 20.42 | 12.32 |




| H[m] | D[m] | Max lux | Med lux | Alpha=34.7°+34.7° G=0.0 |
|---|---|---|---|---|
| 1.00 | 1.39 | 1838 | 959 | |
| 2.00 | 2.77 | 459 | 240 | |
| 3.00 | 4.16 | 204 | 107 | |
| 4.00 | 5.55 | 115 | 60 | |
| 5.00 | 6.93 | 74 | 38 | |