

Luminaire

Code M0573818USC+M057800

Name CATA SOFFITTO CATADIOPTIC STABLE WHITE UNITA' OTTICA 3000K DIMM DALI USA + OTTICA WIDE

Measurem.

Code FTS1701245

Name CATA SOFFITTO CATADIOPTIC STABLE WHITE UNITA' OTTICA 3000K DIMM DALI USA + OTTICA WIDE

| | | | | | | | |
|--|-----------------|-----------------|---------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux | 2530.44 lm | Luminaire Power | 28.00 W | Efficacy | 90.37 lm/W | Efficiency | 100.00% |
| Lamps Flux | 2530.44 lm | Maximum value | 815.70 cd/klm | Position | C=0.00 G=7.00 | CG | Rotosymmetrical |
| Round Luminaire | | Diam. | 125 mm | Height | 153 mm | | |
| Round Luminous Area | | Diam. | 125 mm | Height | 100 mm | | |
| Horizontal Luminous Area | | 0.012272 m2 | | Emitting area on Plane 180° | | 0.012500 m2 | |
| Emitting area on Plane 0° | | 0.012500 m2 | | Emitting area on Plane 270° | | 0.012500 m2 | |
| Emitting area on Plane 90° | | 0.012500 m2 | | Glare area at 76° | | 0.015098 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Rotosymmetrical | |
| Date | | 24-09-2014 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 2530.44 lm | |
| LED Flux=2556lm LED Power=23W Eff=99% EfcLed=111lm/W EfcLum=90lm/W Ra=80 SDCM=3 L70(6K)=36000h | | | | | | | |
| C.I.E. | 89 95 99 97 100 | | | D DIN 5040 | A61 | | |
| F UTE | 0.97 A + 0.03 T | | | B NBN | BZ 1 | | |

Diam=125mm



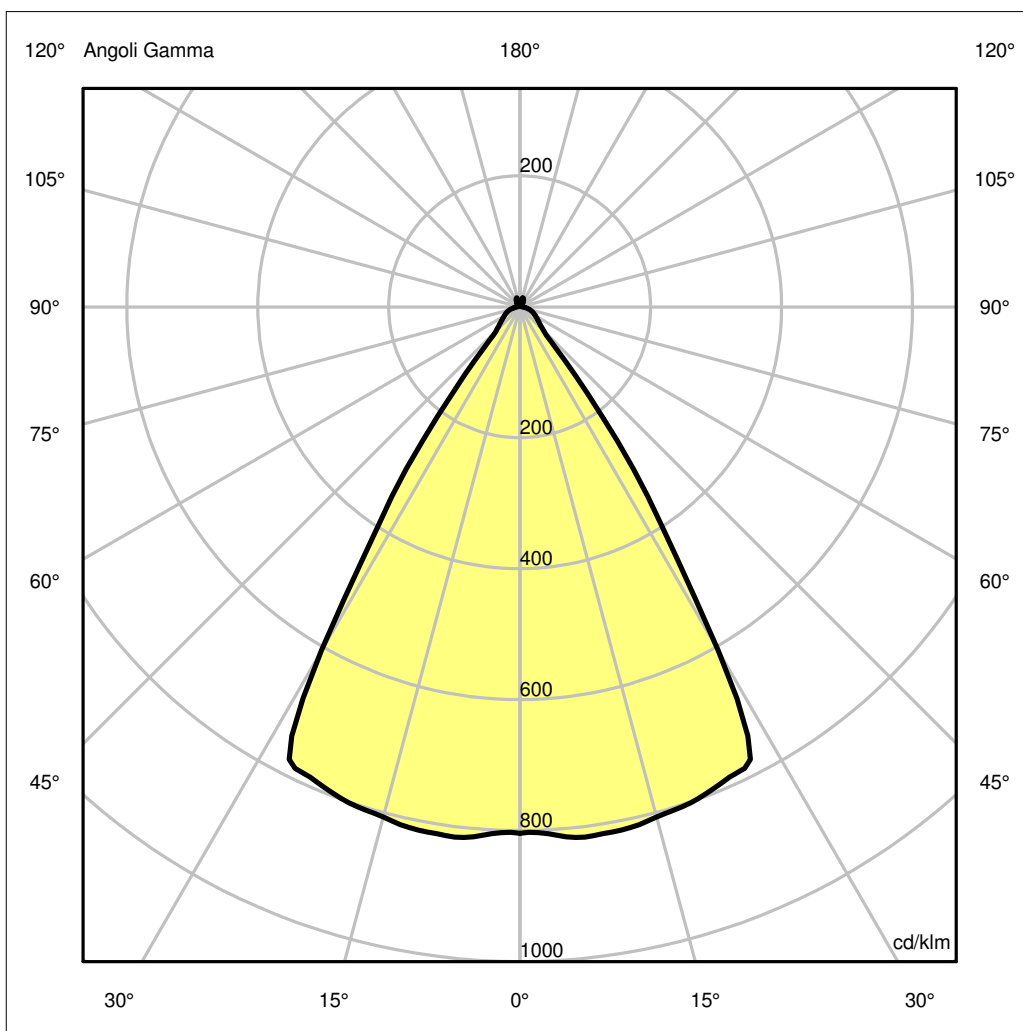
Semipiani C

180.0 ——— 0.0

ULOR 3.15 %

DLOR 96.85 %

RN 3.15 %



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Measurement

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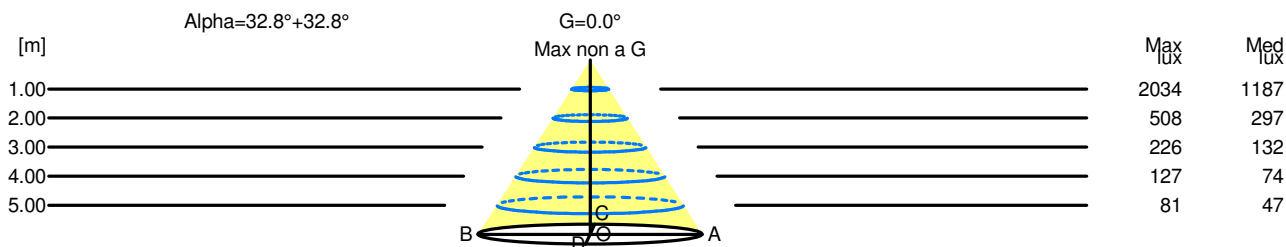
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Width at 50.00 % of Max Intensity

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 | 0.64 | 1.29 | 1.93 | 2.58 | 3.22 | OC | 0.64 | 1.29 | 1.93 | 2.58 | 3.22 |
| OB | 0.64 | 1.29 | 1.93 | 2.58 | 3.22 | OD | 0.64 | 1.29 | 1.93 | 2.58 | 3.22 |

| | | | | | | | | | | |
|----|--------------------------------|---------|---------|---------|--------|--------|-------|-------|-------|-------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 2033.90 | 2055.41 | 2040.98 | 1986.67 | 764.03 | 127.51 | 82.65 | 59.30 | 37.78 | 17.84 |
| OB | 2033.90 | 2055.41 | 2040.98 | 1986.67 | 764.03 | 127.51 | 82.65 | 59.30 | 37.78 | 17.84 |
| OC | 2033.90 | 2055.41 | 2040.98 | 1986.67 | 764.03 | 127.51 | 82.65 | 59.30 | 37.78 | 17.84 |
| OD | 2033.90 | 2055.41 | 2040.98 | 1986.67 | 764.03 | 127.51 | 82.65 | 59.30 | 37.78 | 17.84 |



| H[m] | D[m] | Max lux | Med lux | Alpha=32.8°+32.8° | G=0.0 Max non a G |
|------|------|---------|---------|-------------------|----------------------|
| 1.00 | 1.29 | 2034 | 1187 | | |
| 2.00 | 2.58 | 508 | 297 | | |
| 3.00 | 3.86 | 226 | 132 | | |
| 4.00 | 5.15 | 127 | 74 | | |
| 5.00 | 6.44 | 81 | 47 | | |