

Luminaire

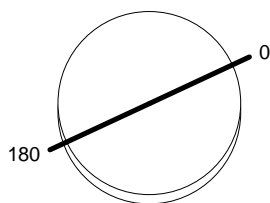
Code 0762010A+0781030A
 Name TOLOMEO MEGA LED BODY DIMM/CABLE + TOLOMEO MEGA DIFF.RASO 420

Measurerm.

Code FTS1601759
 Name TOLOMEO MEGA LED BODY DIMM/CABLE + TOLOMEO MEGA DIFF.RASO 420

| | | | | | | | |
|--|-----------------|-----------------|---------------|-----------------------------|-------------------|-----------------|-----------------|
| Luminaire Flux | 1914.50 lm | Luminaire Power | 31.00 W | Efficacy | 61.76 lm/W | Efficiency | 100.00% |
| Lamps Flux | 1914.50 lm | Maximum value | 455.52 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |
| Round Luminaire | | Diam. | 420 mm | Height | 290 mm | | |
| Round Luminous Area | | Diam. | 420 mm | Height | 290 mm | | |
| Horizontal Luminous Area | | 0.138544 m2 | | Emitting area on Plane 180° | | 0.121800 m2 | |
| Emitting area on Plane 0° | | 0.121800 m2 | | Emitting area on Plane 270° | | 0.121800 m2 | |
| Emitting area on Plane 90° | | 0.121800 m2 | | Glare area at 76° | | 0.151699 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Rotosymmetrical | |
| Date | | 23-09-2016 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 1914.50 lm | |
| LED Flux=2914lm LED Power=25,6W Eff=65,7% EfcLed=114lm/W EfcLum=62lm/W Ra=92 SDCM=2 L70(6K)=50000h | | | | | | | |
| C.I.E. | 70 88 97 88 100 | | | D DIN 5040 | B51 | | |
| F UTE | 0.88 C + 0.12 T | | | B NBN | BZ 2 / 1.5 / BZ 3 | | |

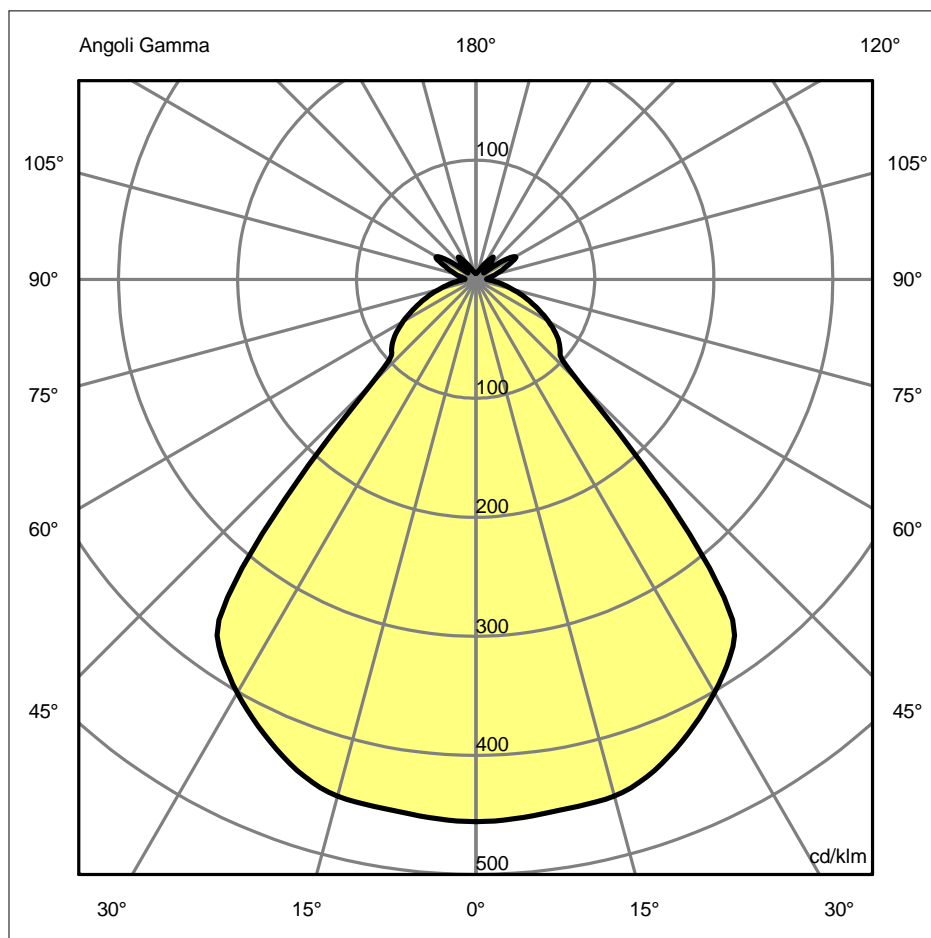
Diam=420mm



Semipiani C

180.0 ——— 0.0

ULOR 11.51 %
 DLOR 88.49 %
 RN 11.51 %



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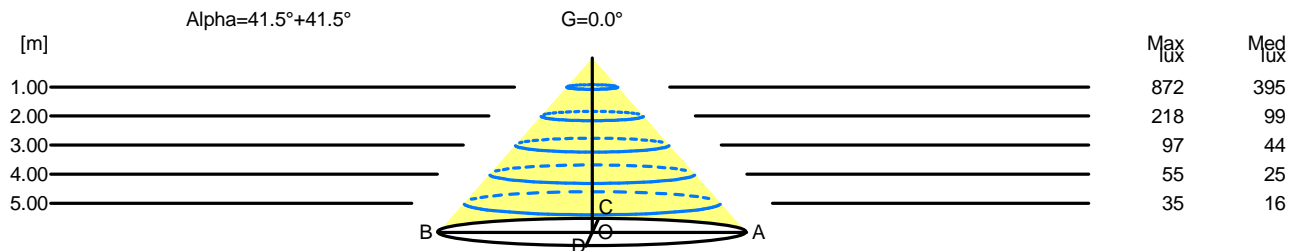
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| Lamps Flux | 1914.50 lm | Maximum value | 455.52 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |
| Round Luminaire Round Luminous Area | | Diam. Diam. | 420 mm 420 mm | Height Height | 290 mm 290 mm | | |
| Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90° | | 0.138544 m2 0.121800 m2 0.121800 m2 | | Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76° | | 0.121800 m2 0.121800 m2 0.151699 m2 | |
| Coordinate system Date Measurement Distance | | CG 23-09-2016 0.00 | | Symmetry Type Maximum Gamma Angle Measurement Flux | | Rotosymmetrical 180 1914.50 lm | |
| LED Flux=2914lm LED Power=25,6W Eff=65,7% EfcLed=114lm/W EfcLum=62lm/W Ra=92 SDCM=2 L70(6K)=50000h | | | | | | | |
| C.I.E. F UTE | 70 88 97 88 100 0.88 C + 0.12 T | | | D DIN 5040 B NBN | | B51 BZ 2 / 1.5 / BZ 3 | |

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 | 0.88 | 1.77 | 2.65 | 3.54 | 4.42 | OC | 0.88 | 1.77 | 2.65 | 3.54 | 4.42 |
| OB | 0.88 | 1.77 | 2.65 | 3.54 | 4.42 | OD | 0.88 | 1.77 | 2.65 | 3.54 | 4.42 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|--------------------------------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 872.09 | 868.75 | 860.20 | 806.48 | 720.74 | 236.12 | 159.37 | 107.89 | 61.15 | 27.27 |
| OB | 872.09 | 868.75 | 860.20 | 806.48 | 720.74 | 236.12 | 159.37 | 107.89 | 61.15 | 27.27 |
| OC | 872.09 | 868.75 | 860.20 | 806.48 | 720.74 | 236.12 | 159.37 | 107.89 | 61.15 | 27.27 |
| OD | 872.09 | 868.75 | 860.20 | 806.48 | 720.74 | 236.12 | 159.37 | 107.89 | 61.15 | 27.27 |



| H[m] | D[m] | Max lux | Med lux | Alpha=41.5°+41.5° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.77 | 872 | 395 | | |
| 2.00 | 3.54 | 218 | 99 | | |
| 3.00 | 5.31 | 97 | 44 | | |
| 4.00 | 7.08 | 55 | 25 | | |
| 5.00 | 8.85 | 35 | 16 | | |

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|----------------|------------|-----------------|---------------|----------|---------------|------------|-----------------|
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| Lamps Flux | 1914.50 lm | Maximum value | 455.52 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |

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 |
| WorkingPlane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| RoomDimensions | ViewedCrosswise | | | | | ViewedEndwise | | | | |
| x=2H y=2H | 10.8 | 11.8 | 11.3 | 12.2 | 12.6 | 10.8 | 11.8 | 11.3 | 12.2 | 12.6 |
| x=2H y=3H | 11.5 | 12.4 | 12.0 | 12.8 | 13.3 | 11.5 | 12.4 | 12.0 | 12.8 | 13.3 |
| x=2H y=4H | 11.8 | 12.6 | 12.3 | 13.1 | 13.6 | 11.8 | 12.6 | 12.3 | 13.1 | 13.6 |
| x=2H y=6H | 12.0 | 12.7 | 12.5 | 13.2 | 13.7 | 12.0 | 12.7 | 12.5 | 13.2 | 13.7 |
| x=2H y=8H | 12.1 | 12.8 | 12.6 | 13.2 | 13.8 | 12.1 | 12.8 | 12.6 | 13.2 | 13.8 |
| x=2H y=12H | 12.1 | 12.8 | 12.6 | 13.3 | 13.8 | 12.1 | 12.8 | 12.6 | 13.3 | 13.8 |
| x=4H y=2H | 11.1 | 11.9 | 11.6 | 12.4 | 12.9 | 11.1 | 11.9 | 11.6 | 12.4 | 12.9 |
| x=4H y=3H | 12.0 | 12.7 | 12.5 | 13.2 | 13.7 | 12.0 | 12.7 | 12.5 | 13.2 | 13.7 |
| x=4H y=4H | 12.4 | 13.0 | 12.9 | 13.5 | 14.1 | 12.4 | 13.0 | 12.9 | 13.5 | 14.1 |
| x=4H y=6H | 12.7 | 13.2 | 13.2 | 13.7 | 14.4 | 12.7 | 13.2 | 13.2 | 13.7 | 14.4 |
| x=4H y=8H | 12.8 | 13.2 | 13.4 | 13.8 | 14.4 | 12.8 | 13.2 | 13.4 | 13.8 | 14.4 |
| x=4H y=12H | 12.9 | 13.3 | 13.5 | 13.9 | 14.5 | 12.9 | 13.3 | 13.5 | 13.9 | 14.5 |
| x=8H y=4H | 12.5 | 13.0 | 13.1 | 13.5 | 14.2 | 12.5 | 13.0 | 13.1 | 13.5 | 14.2 |
| x=8H y=6H | 12.9 | 13.3 | 13.5 | 13.9 | 14.6 | 12.9 | 13.3 | 13.5 | 13.9 | 14.6 |
| x=8H y=8H | 13.1 | 13.4 | 13.7 | 14.0 | 14.7 | 13.1 | 13.4 | 13.7 | 14.0 | 14.7 |
| x=8H y=12H | 13.2 | 13.5 | 13.9 | 14.1 | 14.8 | 13.2 | 13.5 | 13.9 | 14.1 | 14.8 |
| x=12H y=4H | 12.5 | 12.9 | 13.1 | 13.5 | 14.2 | 12.5 | 12.9 | 13.1 | 13.5 | 14.2 |
| x=12H y=6H | 12.9 | 13.2 | 13.5 | 13.9 | 14.6 | 12.9 | 13.2 | 13.5 | 13.9 | 14.6 |
| x=12H y=8H | 13.1 | 13.4 | 13.8 | 14.0 | 14.7 | 13.1 | 13.4 | 13.8 | 14.0 | 14.7 |