

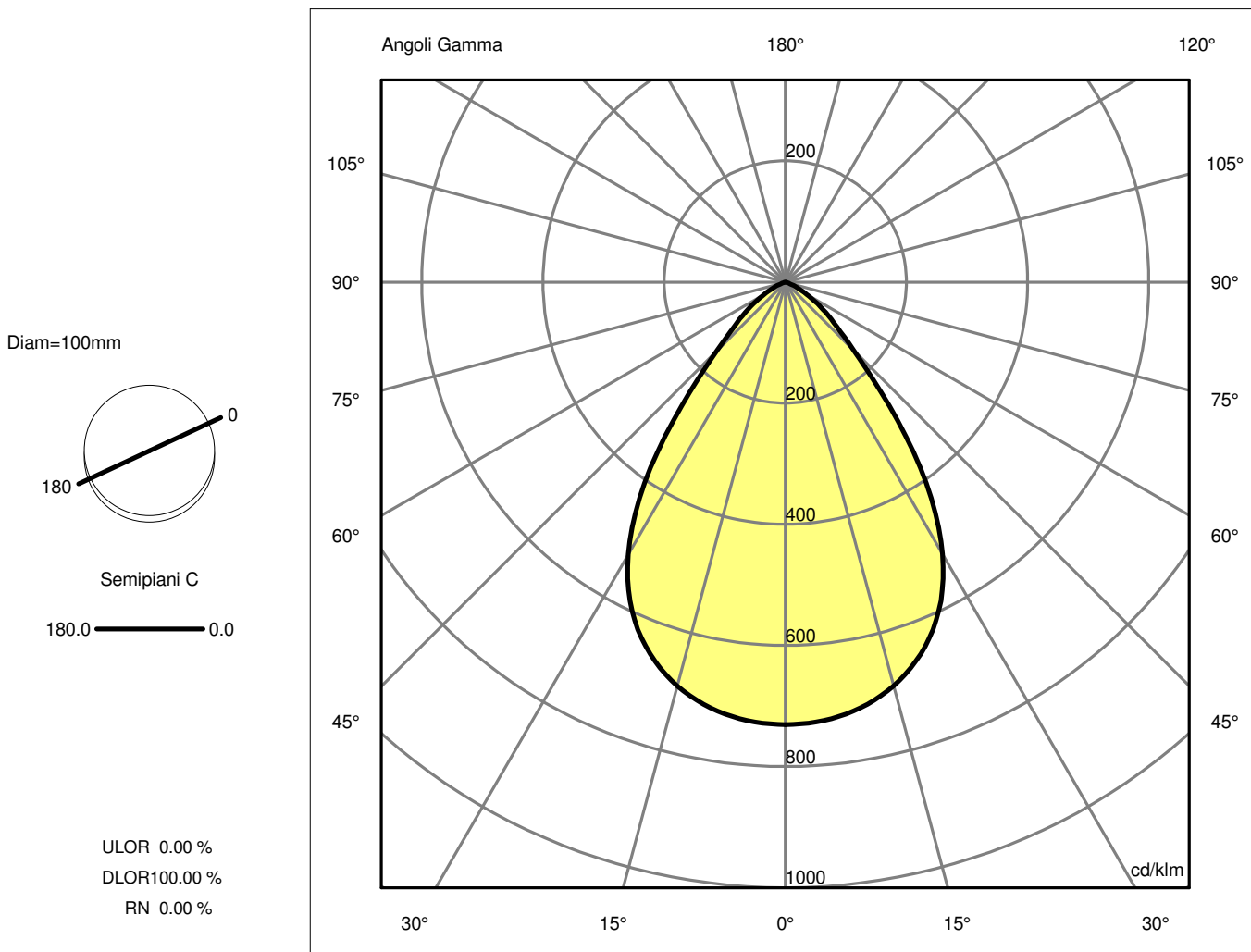
Luminaire

Code NL1907380K004
Name Parabola 100 Square 80° finitura nera 3000K

Measurem.

Code FTS1601924
Name Parabola 100 Square 80° finitura nera 3000K

| | | | | | | | |
|--|---|---|---------------|----------|---|------------|-----------------|
| Luminaire Flux | 1434.25 lm | Luminaire Power | 17.00 W | Efficacy | 84.37 lm/W | Efficiency | 100.00% |
| Lamps Flux | 1434.25 lm | Maximum value | 730.44 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |
| Round Luminaire Round Luminous Area | Diam. 100 mm Diam. 75 mm | Height | 100 mm | Height | 100 mm 0 mm | | |
| Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90° | 0.004418 m2 0.000000 m2 0.000000 m2 | Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76° | | | 0.000000 m2 0.000000 m2 0.001069 m2 | | |
| Coordinate system Date Measurement Distance | CG 12-12-2014 0.00 | Symmetry Type Maximum Gamma Angle Measurement Flux | | | Rotosymmetrical 90 1434.25 lm | | |
| LED Flux=2103lm LED Power=17W Eff=68,2% EfcLed=124lm/W EfcLum=84lm/W Ra=90 SDCM=3 L70(6K)=60000h | | | | | | | |
| C.I.E. F UTE | 81 98 100 100 100 1.00 B | D DIN 5040 B NBN | | | A60 BZ 1 | | |



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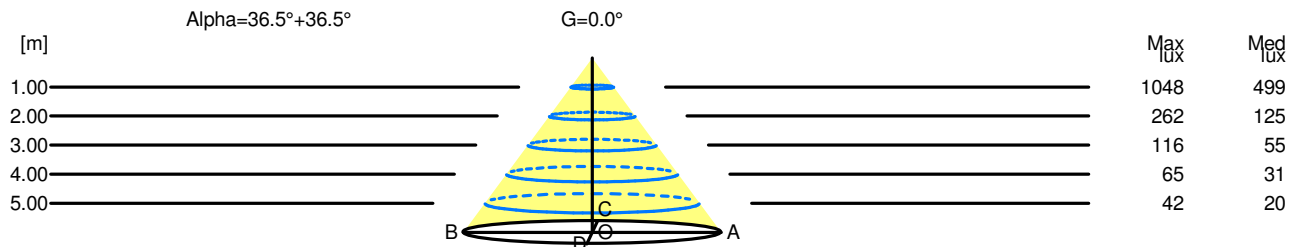
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Name Parabola 100 Square 80° finitura nera 3000K

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|--|-------------------|-----------------|---------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux | 1434.25 lm | Luminaire Power | 17.00 W | Efficacy | 84.37 lm/W | Efficiency | 100.00% |
| Lamps Flux | 1434.25 lm | Maximum value | 730.44 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |
| Round Luminaire | | Diam. | 100 mm | Height | 100 mm | | |
| Round Luminous Area | | Diam. | 75 mm | Height | 0 mm | | |
| Horizontal Luminous Area | 0.004418 m2 | | | Emitting area on Plane 180° | | 0.000000 m2 | |
| Emitting area on Plane 0° | 0.000000 m2 | | | Emitting area on Plane 270° | | 0.000000 m2 | |
| Emitting area on Plane 90° | 0.000000 m2 | | | Glare area at 76° | | 0.001069 m2 | |
| Coordinate system | CG | | | Symmetry Type | | Rotosymmetrical | |
| Date | 12-12-2014 | | | Maximum Gamma Angle | | 90 | |
| Measurement Distance | 0.00 | | | Measurement Flux | | 1434.25 lm | |
| LED Flux=2103lm LED Power=17W Eff=68,2% EfcLed=124lm/W EfcLum=84lm/W Ra=90 SDCM=3 L70(6K)=60000h | | | | | | | |
| C.I.E. | 81 98 100 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | 1.00 B | | | 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 | 0.74 | 1.48 | 2.22 | 2.96 | 3.70 | OC | 0.74 | 1.48 | 2.22 | 2.96 | 3.70 |
| OB | 0.74 | 1.48 | 2.22 | 2.96 | 3.70 | OD | 0.74 | 1.48 | 2.22 | 2.96 | 3.70 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|--------------------------------|---------|--------|--------|--------|--------|--------|-------|------|------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 1047.64 | 1041.93 | 989.59 | 859.05 | 581.07 | 228.92 | 100.53 | 30.39 | 1.17 | 0.00 |
| OB | 1047.64 | 1041.93 | 989.59 | 859.05 | 581.07 | 228.92 | 100.53 | 30.39 | 1.17 | 0.00 |
| OC | 1047.64 | 1041.93 | 989.59 | 859.05 | 581.07 | 228.92 | 100.53 | 30.39 | 1.17 | 0.00 |
| OD | 1047.64 | 1041.93 | 989.59 | 859.05 | 581.07 | 228.92 | 100.53 | 30.39 | 1.17 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=36.5°+36.5° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.48 | 1048 | 499 | | |
| 2.00 | 2.96 | 262 | 125 | | |
| 3.00 | 4.44 | 116 | 55 | | |
| 4.00 | 5.92 | 65 | 31 | | |
| 5.00 | 7.40 | 42 | 20 | | |

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Measurement

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| | | | | | | | |
|----------------|------------|-----------------|---------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 1434.25 lm | Luminaire Power | 17.00 W | Efficacy | 84.37 lm/W | Efficiency | 100.00% |
| Lamps Flux | 1434.25 lm | Maximum value | 730.44 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 | 24.0 | 24.9 | 24.3 | 25.1 | 25.3 | 24.0 | 24.9 | 24.3 | 25.1 | 25.3 |
| x=2H y=3H | 24.0 | 24.8 | 24.3 | 25.0 | 25.3 | 24.0 | 24.8 | 24.3 | 25.0 | 25.3 |
| x=2H y=4H | 23.9 | 24.7 | 24.2 | 24.9 | 25.2 | 23.9 | 24.7 | 24.2 | 24.9 | 25.2 |
| x=2H y=6H | 23.9 | 24.5 | 24.2 | 24.8 | 25.1 | 23.9 | 24.5 | 24.2 | 24.8 | 25.1 |
| x=2H y=8H | 23.8 | 24.5 | 24.2 | 24.8 | 25.1 | 23.8 | 24.5 | 24.2 | 24.8 | 25.1 |
| x=2H y=12H | 23.8 | 24.4 | 24.2 | 24.7 | 25.0 | 23.8 | 24.4 | 24.2 | 24.7 | 25.0 |
| x=4H y=2H | 24.0 | 24.8 | 24.3 | 25.0 | 25.3 | 24.0 | 24.8 | 24.3 | 25.0 | 25.3 |
| x=4H y=3H | 24.0 | 24.6 | 24.4 | 24.9 | 25.3 | 24.0 | 24.6 | 24.4 | 24.9 | 25.3 |
| x=4H y=4H | 24.0 | 24.5 | 24.3 | 24.8 | 25.2 | 24.0 | 24.5 | 24.3 | 24.8 | 25.2 |
| x=4H y=6H | 23.9 | 24.3 | 24.3 | 24.7 | 25.1 | 23.9 | 24.3 | 24.3 | 24.7 | 25.1 |
| x=4H y=8H | 23.9 | 24.3 | 24.3 | 24.6 | 25.0 | 23.9 | 24.3 | 24.3 | 24.6 | 25.0 |
| x=4H y=12H | 23.8 | 24.2 | 24.3 | 24.6 | 25.0 | 23.8 | 24.2 | 24.3 | 24.6 | 25.0 |
| x=8H y=4H | 23.9 | 24.3 | 24.3 | 24.6 | 25.0 | 23.9 | 24.3 | 24.3 | 24.6 | 25.0 |
| x=8H y=6H | 23.8 | 24.1 | 24.2 | 24.5 | 25.0 | 23.8 | 24.1 | 24.2 | 24.5 | 25.0 |
| x=8H y=8H | 23.7 | 24.0 | 24.2 | 24.4 | 24.9 | 23.7 | 24.0 | 24.2 | 24.4 | 24.9 |
| x=8H y=12H | 23.7 | 23.9 | 24.2 | 24.4 | 24.9 | 23.7 | 23.9 | 24.2 | 24.4 | 24.9 |
| x=12H y=4H | 23.8 | 24.2 | 24.3 | 24.6 | 25.0 | 23.8 | 24.2 | 24.3 | 24.6 | 25.0 |
| x=12H y=6H | 23.7 | 24.0 | 24.2 | 24.4 | 24.9 | 23.7 | 24.0 | 24.2 | 24.4 | 24.9 |
| x=12H y=8H | 23.7 | 23.9 | 24.2 | 24.4 | 24.9 | 23.7 | 23.9 | 24.2 | 24.4 | 24.9 |