

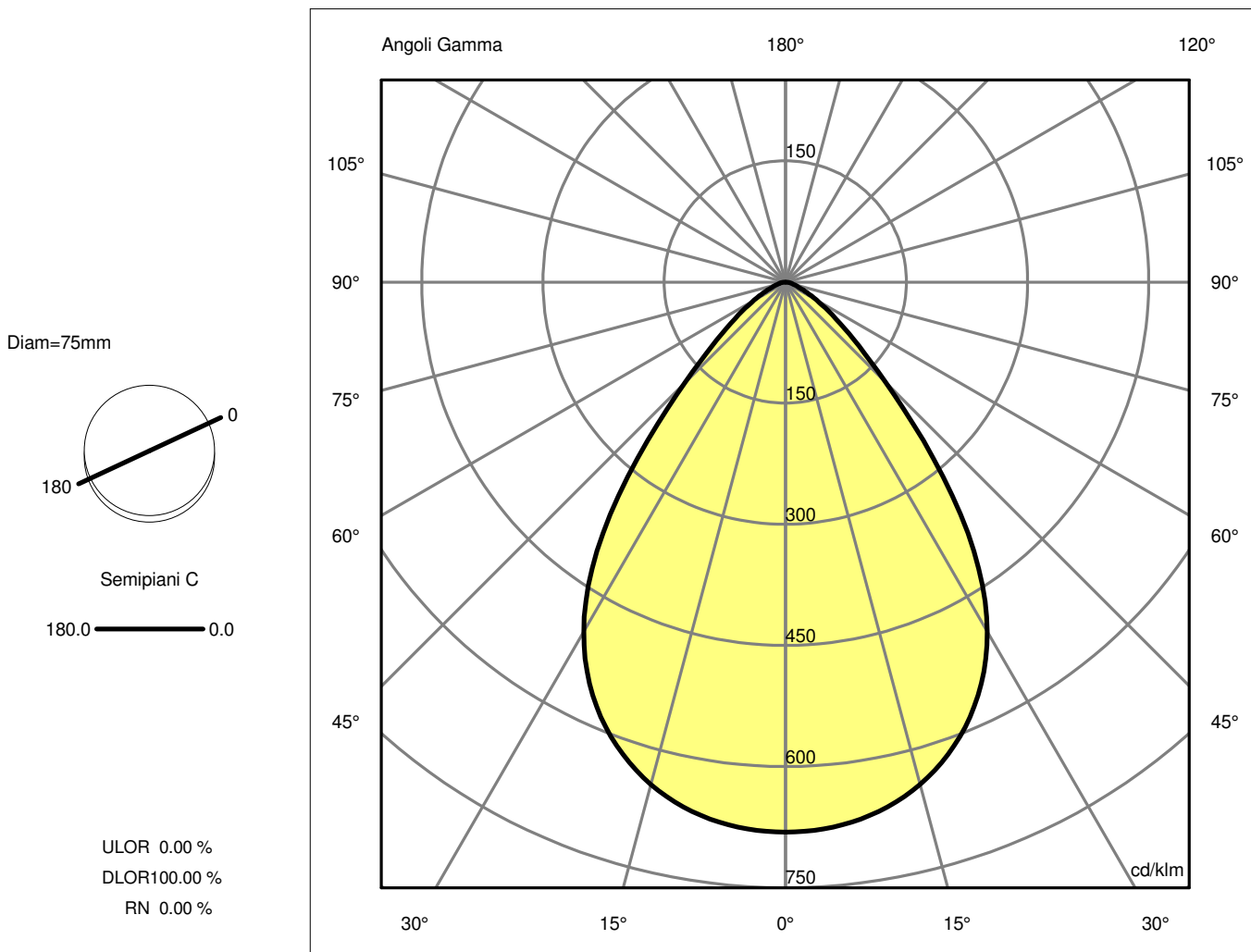
Luminaire

Code NL1906380Y006
Name Parabola 80 Round 80° finitura bianca 2700K

Measurem.

Code FTS1601793
Name Parabola 80 Round 80° finitura bianca 2700K

| | | | | | | | |
|--|----------------------------|-----------------------------|---------------|----------|-----------------|------------|-----------------|
| Luminaire Flux | 1130.11 lm | Luminaire Power | 12.00 W | Efficacy | 94.18 lm/W | Efficiency | 100.00% |
| Lamps Flux | 1130.11 lm | Maximum value | 680.86 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |
| Round Luminaire Round Luminous Area | Diam. 75 mm Diam. 55 mm | Height | 90 mm | Height | 0 mm | | |
| Horizontal Luminous Area | 0.002376 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° | | | 0.000575 m2 | | |
| Coordinate system | CG | Symmetry Type | | | Rotosymmetrical | | |
| Date | 11-12-2014 | Maximum Gamma Angle | | | 90 | | |
| Measurement Distance | 0.00 | Measurement Flux | | | 1130.11 lm | | |
| LED Flux=1447lm LED Power=12W Eff=78,1% EfcLed=121lm/W EfcLum=94lm/W Ra=90 SDCM=3 L70(6K)=60000h | | | | | | | |
| C.I.E. | 78 96 99 100 100 | D DIN 5040 | | | A60 | | |
| F UTE | 1.00 B | B NBN | | | BZ 1 / 4 / BZ 2 | | |



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Measur.

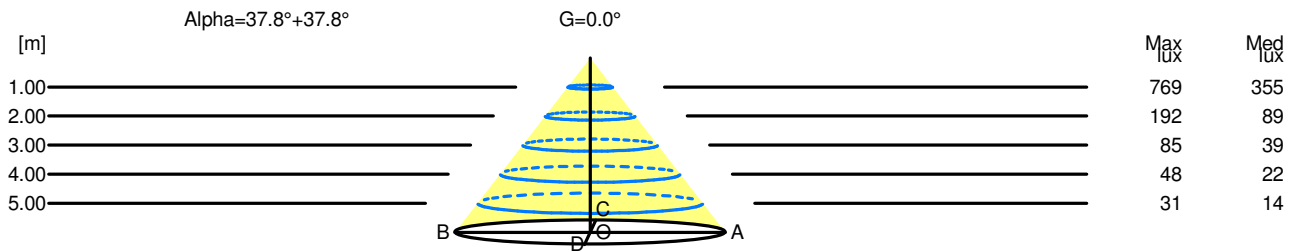
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| Round Luminaire Round Luminous Area | | Diam. Diam. | 75 mm 55 mm | Height Height | 90 mm 0 mm | | |
| Horizontal Luminous Area | 0.002376 m2 | | | Emitting area on Plane 180° | 0.000000 m2 | | |
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| Coordinate system | CG | | | Symmetry Type | Rotosymmetrical | | |
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| C.I.E. | 78 96 99 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | 1.00 B | | | B NBN | BZ 1 / 4 / BZ 2 | | |

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 | 0.78 | 1.55 | 2.33 | 3.10 | 3.88 | OC | 0.78 | 1.55 | 2.33 | 3.10 | 3.88 |
| OB | 0.78 | 1.55 | 2.33 | 3.10 | 3.88 | OD | 0.78 | 1.55 | 2.33 | 3.10 | 3.88 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|--------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 769.45 | 765.40 | 727.52 | 637.80 | 459.68 | 198.17 | 80.06 | 30.44 | 11.44 | 3.26 |
| OB | 769.45 | 765.40 | 727.52 | 637.80 | 459.68 | 198.17 | 80.06 | 30.44 | 11.44 | 3.26 |
| OC | 769.45 | 765.40 | 727.52 | 637.80 | 459.68 | 198.17 | 80.06 | 30.44 | 11.44 | 3.26 |
| OD | 769.45 | 765.40 | 727.52 | 637.80 | 459.68 | 198.17 | 80.06 | 30.44 | 11.44 | 3.26 |



| H[m] | D[m] | Max lux | Med lux | Alpha=37.8°+37.8° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.55 | 769 | 355 | | |
| 2.00 | 3.10 | 192 | 89 | | |
| 3.00 | 4.66 | 85 | 39 | | |
| 4.00 | 6.21 | 48 | 22 | | |
| 5.00 | 7.76 | 31 | 14 | | |

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| Lamps Flux | 1130.11 lm | Maximum value | 680.86 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 | 25.7 | 26.6 | 25.9 | 26.8 | 27.0 | 25.7 | 26.6 | 25.9 | 26.8 | 27.0 |
| x=2H y=3H | 25.8 | 26.6 | 26.1 | 26.9 | 27.1 | 25.8 | 26.6 | 26.1 | 26.9 | 27.1 |
| x=2H y=4H | 25.8 | 26.6 | 26.1 | 26.9 | 27.1 | 25.8 | 26.6 | 26.1 | 26.9 | 27.1 |
| x=2H y=6H | 25.9 | 26.6 | 26.2 | 26.8 | 27.1 | 25.9 | 26.6 | 26.2 | 26.8 | 27.1 |
| x=2H y=8H | 25.9 | 26.5 | 26.2 | 26.8 | 27.1 | 25.9 | 26.5 | 26.2 | 26.8 | 27.1 |
| x=2H y=12H | 25.9 | 26.5 | 26.2 | 26.8 | 27.1 | 25.9 | 26.5 | 26.2 | 26.8 | 27.1 |
| x=4H y=2H | 25.7 | 26.5 | 26.0 | 26.8 | 27.0 | 25.7 | 26.5 | 26.0 | 26.8 | 27.0 |
| x=4H y=3H | 25.9 | 26.6 | 26.3 | 26.9 | 27.2 | 25.9 | 26.6 | 26.3 | 26.9 | 27.2 |
| x=4H y=4H | 26.0 | 26.6 | 26.4 | 26.9 | 27.2 | 26.0 | 26.6 | 26.4 | 26.9 | 27.2 |
| x=4H y=6H | 26.1 | 26.6 | 26.5 | 26.9 | 27.3 | 26.1 | 26.6 | 26.5 | 26.9 | 27.3 |
| x=4H y=8H | 26.1 | 26.5 | 26.5 | 26.9 | 27.3 | 26.1 | 26.5 | 26.5 | 26.9 | 27.3 |
| x=4H y=12H | 26.1 | 26.5 | 26.6 | 26.9 | 27.3 | 26.1 | 26.5 | 26.6 | 26.9 | 27.3 |
| x=8H y=4H | 26.0 | 26.4 | 26.4 | 26.8 | 27.2 | 26.0 | 26.4 | 26.4 | 26.8 | 27.2 |
| x=8H y=6H | 26.1 | 26.5 | 26.6 | 26.9 | 27.3 | 26.1 | 26.5 | 26.6 | 26.9 | 27.3 |
| x=8H y=8H | 26.2 | 26.5 | 26.6 | 26.9 | 27.4 | 26.2 | 26.5 | 26.6 | 26.9 | 27.4 |
| x=8H y=12H | 26.2 | 26.5 | 26.7 | 26.9 | 27.4 | 26.2 | 26.5 | 26.7 | 26.9 | 27.4 |
| x=12H y=4H | 26.0 | 26.4 | 26.4 | 26.8 | 27.2 | 26.0 | 26.4 | 26.4 | 26.8 | 27.2 |
| x=12H y=6H | 26.1 | 26.4 | 26.6 | 26.8 | 27.3 | 26.1 | 26.4 | 26.6 | 26.8 | 27.3 |
| x=12H y=8H | 26.2 | 26.4 | 26.7 | 26.9 | 27.4 | 26.2 | 26.4 | 26.7 | 26.9 | 27.4 |