

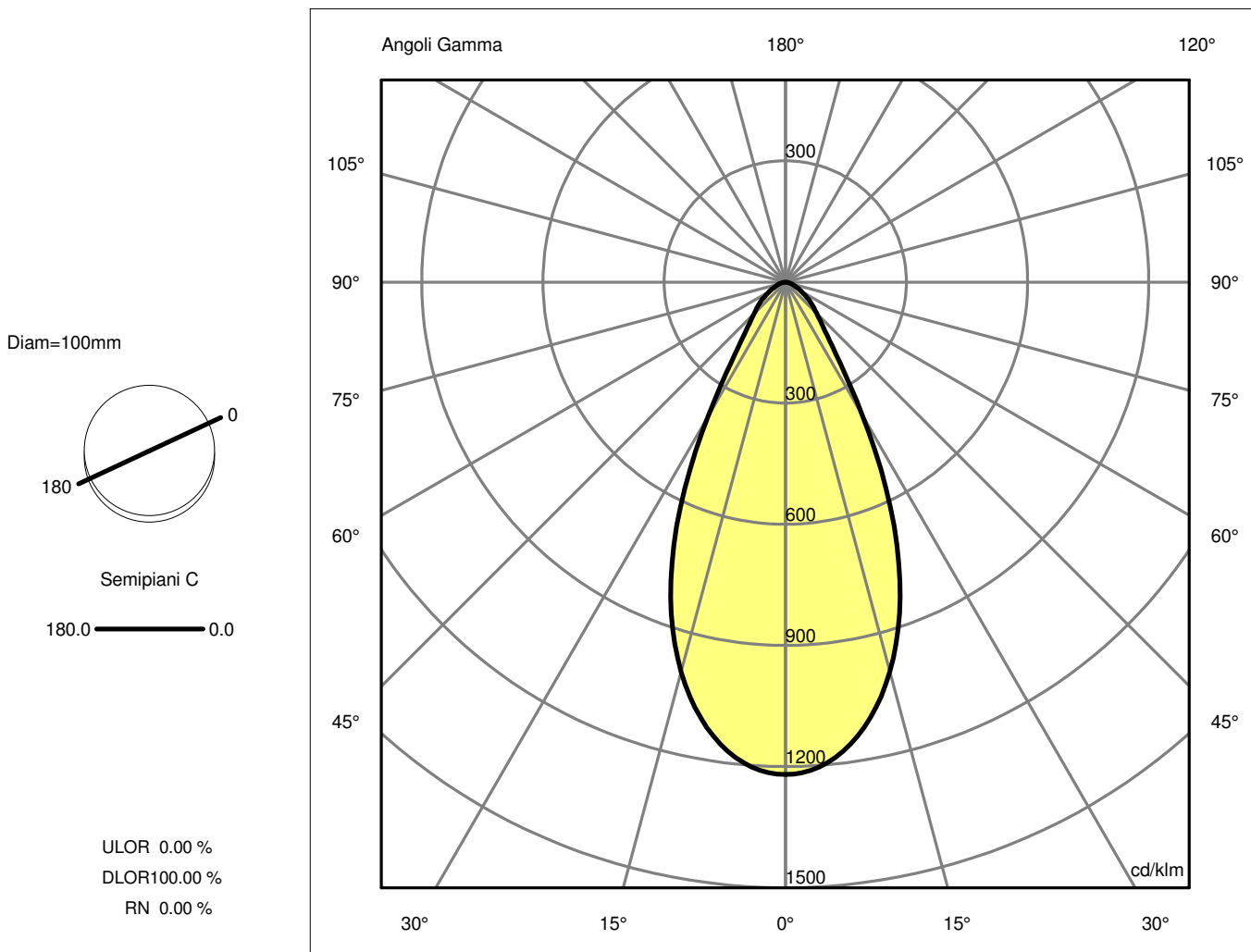
## Luminaire

Code NL1907340Y006  
Name Parabola 100 Square 40° finitura bianca 2700K

## Measur.

Code FTS1601883  
Name Parabola 100 Square 40° finitura bianca 2700K

|  |   |   |                |          |   |            |                 |
|--|---|---|----------------|----------|---|------------|-----------------|
| Luminaire Flux   | 1492.90 lm                                | Luminaire Power   | 17.00 W        | Efficacy | 87.82 lm/W                                | Efficiency | 100.00%         |
| Lamps Flux   | 1492.90 lm                                | Maximum value   | 1219.30 cd/klm | Position | C=0.00 G=0.00                             | CG         | Rotosymmetrical |
| Round Luminaire<br>Round Luminous Area   | Diam. 100 mm<br>Diam. 75 mm               | Height  | 100 mm         | Height   | 100 mm<br>0 mm                            |            |                 |
| Horizontal Luminous Area<br>Emitting area on Plane 0°<br>Emitting area on Plane 90°              | 0.004418 m2<br>0.000000 m2<br>0.000000 m2 | Emitting area on Plane 180°<br>Emitting area on Plane 270°<br>Glare area at 76° |                |          | 0.000000 m2<br>0.000000 m2<br>0.001069 m2 |            |                 |
| Coordinate system<br>Date<br>Measurement Distance  | CG<br>12-12-2014<br>0.00                  | Symmetry Type<br>Maximum Gamma Angle<br>Measurement Flux                        |                |          | Rotosymmetrical<br>90<br>1492.90 lm       |            |                 |
| LED Flux=2012lm LED Power=17W Eff=74,2% EfcLed=118lm/W EfcLum=88lm/W Ra=90 SDCM=3 L70(6K)=60000h |   |   |                |          |   |            |                 |
| C.I.E.<br>F UTE  | 82 95 99 100 100<br>1.00 B                | D DIN 5040<br>B NBN   |                |          | A60<br>BZ 1                               |            |                 |



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## Measurement

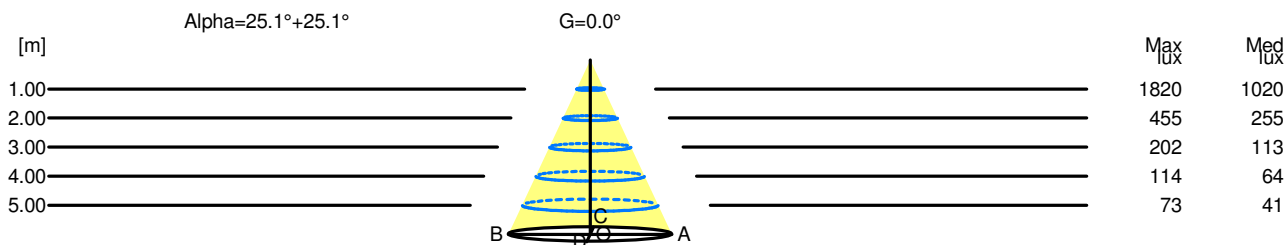
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Name Parabola 100 Square 40° finitura bianca 2700K

|  |                  |                 |                |                             |               |                 |                 |
|--|------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux   | 1492.90 lm       | Luminaire Power | 17.00 W        | Efficacy                    | 87.82 lm/W    | Efficiency      | 100.00%         |
| Lamps Flux   | 1492.90 lm       | Maximum value   | 1219.30 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            |               | 1492.90 lm      |                 |
| LED Flux=2012lm LED Power=17W Eff=74,2% EfcLed=118lm/W EfcLum=88lm/W Ra=90 SDCM=3 L70(6K)=60000h |                  |                 |                |                             |               |                 |                 |
| C.I.E.   | 82 95 99 100 100 |                 |                | 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   | 0.47 | 0.94 | 1.41 | 1.88 | 2.34 | OC   | 0.47 | 0.94 | 1.41 | 1.88 | 2.34 |
| OB   | 0.47 | 0.94 | 1.41 | 1.88 | 2.34 | OD   | 0.47 | 0.94 | 1.41 | 1.88 | 2.34 |

|    | Luminous Intensities [ cd/klm] |         |         |        |        |        |       |       |       |      |
|----|--------------------------------|---------|---------|--------|--------|--------|-------|-------|-------|------|
|    | 0                              | 5       | 15      | 25     | 35     | 45     | 55    | 65    | 75    | 85   |
| OA | 1820.29                        | 1783.01 | 1491.10 | 919.00 | 325.33 | 162.44 | 93.70 | 46.93 | 21.84 | 0.00 |
| OB | 1820.29                        | 1783.01 | 1491.10 | 919.00 | 325.33 | 162.44 | 93.70 | 46.93 | 21.84 | 0.00 |
| OC | 1820.29                        | 1783.01 | 1491.10 | 919.00 | 325.33 | 162.44 | 93.70 | 46.93 | 21.84 | 0.00 |
| OD | 1820.29                        | 1783.01 | 1491.10 | 919.00 | 325.33 | 162.44 | 93.70 | 46.93 | 21.84 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=25.1°+25.1° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.94 | 1820    | 1020    |                   |       |
| 2.00 | 1.88 | 455     | 255     |                   |       |
| 3.00 | 2.81 | 202     | 113     |                   |       |
| 4.00 | 3.75 | 114     | 64      |                   |       |
| 5.00 | 4.69 | 73      | 41      |                   |       |

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**Measurement**

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|                |            |                 |                |          |               |            |                 |
|----------------|------------|-----------------|----------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 1492.90 lm | Luminaire Power | 17.00 W        | Efficacy | 87.82 lm/W    | Efficiency | 100.00%         |
| Lamps Flux     | 1492.90 lm | Maximum value   | 1219.30 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      | 22.2            | 23.1 | 22.5 | 23.3 | 23.5 | 22.2          | 23.1 | 22.5 | 23.3 | 23.5 |
| x=2H y=3H      | 22.9            | 23.6 | 23.2 | 23.9 | 24.1 | 22.9          | 23.6 | 23.2 | 23.9 | 24.1 |
| x=2H y=4H      | 23.1            | 23.9 | 23.4 | 24.1 | 24.4 | 23.1          | 23.9 | 23.4 | 24.1 | 24.4 |
| x=2H y=6H      | 23.3            | 24.0 | 23.6 | 24.2 | 24.5 | 23.3          | 24.0 | 23.6 | 24.2 | 24.5 |
| x=2H y=8H      | 23.3            | 23.9 | 23.6 | 24.2 | 24.5 | 23.3          | 23.9 | 23.6 | 24.2 | 24.5 |
| x=2H y=12H     | 23.3            | 23.9 | 23.6 | 24.2 | 24.5 | 23.3          | 23.9 | 23.6 | 24.2 | 24.5 |
| x=4H y=2H      | 22.6            | 23.3 | 22.9 | 23.5 | 23.8 | 22.6          | 23.3 | 22.9 | 23.5 | 23.8 |
| x=4H y=3H      | 23.4            | 24.0 | 23.7 | 24.3 | 24.6 | 23.4          | 24.0 | 23.7 | 24.3 | 24.6 |
| x=4H y=4H      | 23.7            | 24.3 | 24.1 | 24.6 | 24.9 | 23.7          | 24.3 | 24.1 | 24.6 | 24.9 |
| x=4H y=6H      | 24.0            | 24.4 | 24.4 | 24.8 | 25.2 | 24.0          | 24.4 | 24.4 | 24.8 | 25.2 |
| x=4H y=8H      | 24.0            | 24.4 | 24.4 | 24.8 | 25.2 | 24.0          | 24.4 | 24.4 | 24.8 | 25.2 |
| x=4H y=12H     | 24.0            | 24.4 | 24.4 | 24.8 | 25.2 | 24.0          | 24.4 | 24.4 | 24.8 | 25.2 |
| x=8H y=4H      | 23.9            | 24.3 | 24.3 | 24.7 | 25.1 | 23.9          | 24.3 | 24.3 | 24.7 | 25.1 |
| x=8H y=6H      | 24.2            | 24.5 | 24.6 | 24.9 | 25.4 | 24.2          | 24.5 | 24.6 | 24.9 | 25.4 |
| x=8H y=8H      | 24.2            | 24.5 | 24.7 | 25.0 | 25.4 | 24.2          | 24.5 | 24.7 | 25.0 | 25.4 |
| x=8H y=12H     | 24.2            | 24.4 | 24.7 | 24.9 | 25.4 | 24.2          | 24.4 | 24.7 | 24.9 | 25.4 |
| x=12H y=4H     | 23.9            | 24.2 | 24.3 | 24.6 | 25.0 | 23.9          | 24.2 | 24.3 | 24.6 | 25.0 |
| x=12H y=6H     | 24.2            | 24.5 | 24.6 | 24.9 | 25.4 | 24.2          | 24.5 | 24.6 | 24.9 | 25.4 |
| x=12H y=8H     | 24.3            | 24.5 | 24.7 | 25.0 | 25.4 | 24.3          | 24.5 | 24.7 | 25.0 | 25.4 |