

## Luminaire

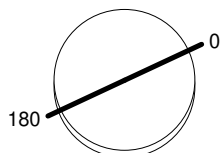
Code AB00502  
Name Tagora 80 incasso New led Blu 4000K Wide flood

## Measurem.

Code FTS1603668  
Name Tagora 80 incasso New led Blu 4000K Wide flood

|                                                                                                    |            |                 |                |                             |               |                 |                 |
|----------------------------------------------------------------------------------------------------|------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                     | 1145.14 lm | Luminaire Power | 14.00 W        | Efficacy                    | 81.80 lm/W    | Efficiency      | 100.00%         |
| Lamps Flux                                                                                         | 1145.14 lm | Maximum value   | 1836.58 cd/klm | Position                    | C=0.00 G=2.00 | CG              | Rotosymmetrical |
| Round Luminaire                                                                                    |            | Diam.           | 80 mm          | Height                      | 335 mm        |                 |                 |
| Round Luminous Area                                                                                |            | Diam.           | 45 mm          | Height                      | 0 mm          |                 |                 |
| Horizontal Luminous Area                                                                           |            | 0.001590 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°           |               | 0.000385 m2     |                 |
| Coordinate system                                                                                  |            | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                                                                                               |            | 16-12-2016      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance                                                                               |            | 0.00            |                | Measurement Flux            |               | 1145.14 lm      |                 |
| LED Flux=1535lm LED Power=11,6W Eff=74,6% EfcLed=132lm/W EfcLum=82lm/W Ra=90 SDCM=3 L70(6K)=60000h |            |                 |                |                             |               |                 |                 |
| C.I.E.                                                                                             | 98         | 99              | 100            | 100                         | 100           | D DIN 5040      | A60             |
| F UTE                                                                                              | --         |                 |                |                             |               | B NBN           | BZ 1            |

Diam=80mm



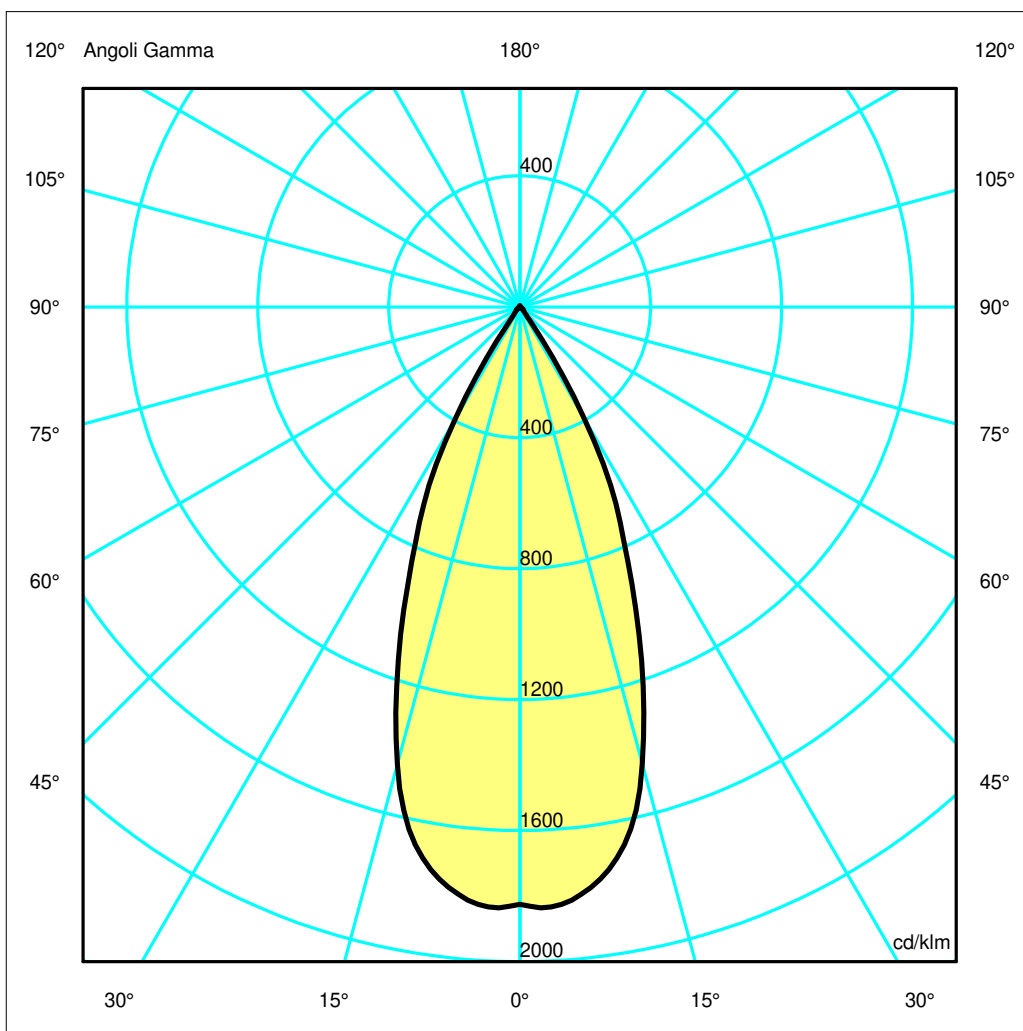
Semipiani C

180.0 — 0.0

ULOR 0.40 %

DLOR 99.60 %

RN 0.40 %



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## Measurement

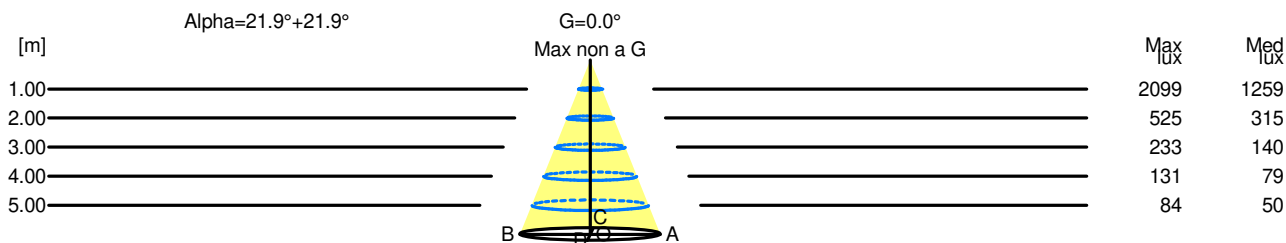
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|                                                                                                    |                   |                 |                |                             |               |                 |                 |
|----------------------------------------------------------------------------------------------------|-------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                     | 1145.14 lm        | Luminaire Power | 14.00 W        | Efficacy                    | 81.80 lm/W    | Efficiency      | 100.00%         |
| Lamps Flux                                                                                         | 1145.14 lm        | Maximum value   | 1836.58 cd/klm | Position                    | C=0.00 G=2.00 | CG              | Rotosymmetrical |
| Round Luminaire                                                                                    |                   | Diam.           | 80 mm          | Height                      | 335 mm        |                 |                 |
| Round Luminous Area                                                                                |                   | Diam.           | 45 mm          | Height                      | 0 mm          |                 |                 |
| Horizontal Luminous Area                                                                           |                   | 0.001590 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°           |               | 0.000385 m2     |                 |
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| Measurement Distance                                                                               |                   | 0.00            |                | Measurement Flux            |               | 1145.14 lm      |                 |
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| C.I.E.                                                                                             | 98 99 100 100 100 |                 |                | D DIN 5040                  | A60           |                 |                 |
| F UTE                                                                                              | --                |                 |                | 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   | 0.40 | 0.81 | 1.21 | 1.61 | 2.01 | OC   | 0.40 | 0.81 | 1.21 | 1.61 | 2.01 |
| OB   | 0.40 | 0.81 | 1.21 | 1.61 | 2.01 | OD   | 0.40 | 0.81 | 1.21 | 1.61 | 2.01 |

|    |                                |         |         |        |       |       |      |      |      |      |
|----|--------------------------------|---------|---------|--------|-------|-------|------|------|------|------|
|    | Luminous Intensities [ cd/klm] |         |         |        |       |       |      |      |      |      |
|    | 0                              | 5       | 15      | 25     | 35    | 45    | 55   | 65   | 75   | 85   |
| OA | 2090.06                        | 2082.97 | 1655.39 | 830.37 | 91.73 | 17.25 | 9.05 | 4.54 | 2.37 | 0.84 |
| OB | 2090.06                        | 2082.97 | 1655.39 | 830.37 | 91.73 | 17.25 | 9.05 | 4.54 | 2.37 | 0.84 |
| OC | 2090.06                        | 2082.97 | 1655.39 | 830.37 | 91.73 | 17.25 | 9.05 | 4.54 | 2.37 | 0.84 |
| OD | 2090.06                        | 2082.97 | 1655.39 | 830.37 | 91.73 | 17.25 | 9.05 | 4.54 | 2.37 | 0.84 |



| H[m] | D[m] | Max lux | Med lux | Alpha=21.9°+21.9° | G=0.0<br>Max non a G |
|------|------|---------|---------|-------------------|----------------------|
| 1.00 | 0.81 | 2099    | 1259    |                   |                      |
| 2.00 | 1.61 | 525     | 315     |                   |                      |
| 3.00 | 2.42 | 233     | 140     |                   |                      |
| 4.00 | 3.22 | 131     | 79      |                   |                      |
| 5.00 | 4.03 | 84      | 50      |                   |                      |