

## Luminaire

Code M250041  
Name TAGORA 970 INC. LED DIMM. DALI 3000K VERDE

## Measurement

Code FTS2300138  
Name TAGORA 970 INC. LED DIMM. DALI 3000K VERDE

|   |                  |                 |               |                             |               |                 |                 |
|---|------------------|-----------------|---------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux  | 6009 lm          | Luminaire Power | 84.0 W        | Efficacy                    | 71.538 lm/W   | Efficiency      | 100.00%         |
| Source Flux   | 6009 lm          | Maximum value   | 376.04 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Round Luminaire   |                  | Diam.           | 970 mm        | Height                      | 235 mm        |                 |                 |
| Round Luminous Area   |                  | Diam.           | 830 mm        | Height                      | 0 mm          |                 |                 |
| Horizontal Luminous Area  |                  |                 | 0.541061 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°           |               |                 | 0.130894 m2     |
| Coordinate system   |                  | CG              |               | Symmetry Type               |               | Rotosymmetrical |                 |
| Date  |                  | 31-05-2022      |               | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance  |                  | 0.00            |               | Measurement Flux            |               | 6009 lm         |                 |
| LED Flux=12819lm LED Power=74W Eff=47% EfcLed=173lm/W EfcLum=72lm/W CCT=3000K Ra=80 SDCM=3 L70(6K)=70000h |                  |                 |               |                             |               |                 |                 |
| C.I.E.  | 50 83 98 100 100 |                 |               | D DIN 5040                  | A30           |                 |                 |
| F UTE   | 1.00 E           |                 |               | B NBN                       | BZ 4          |                 |                 |

Diam=970mm



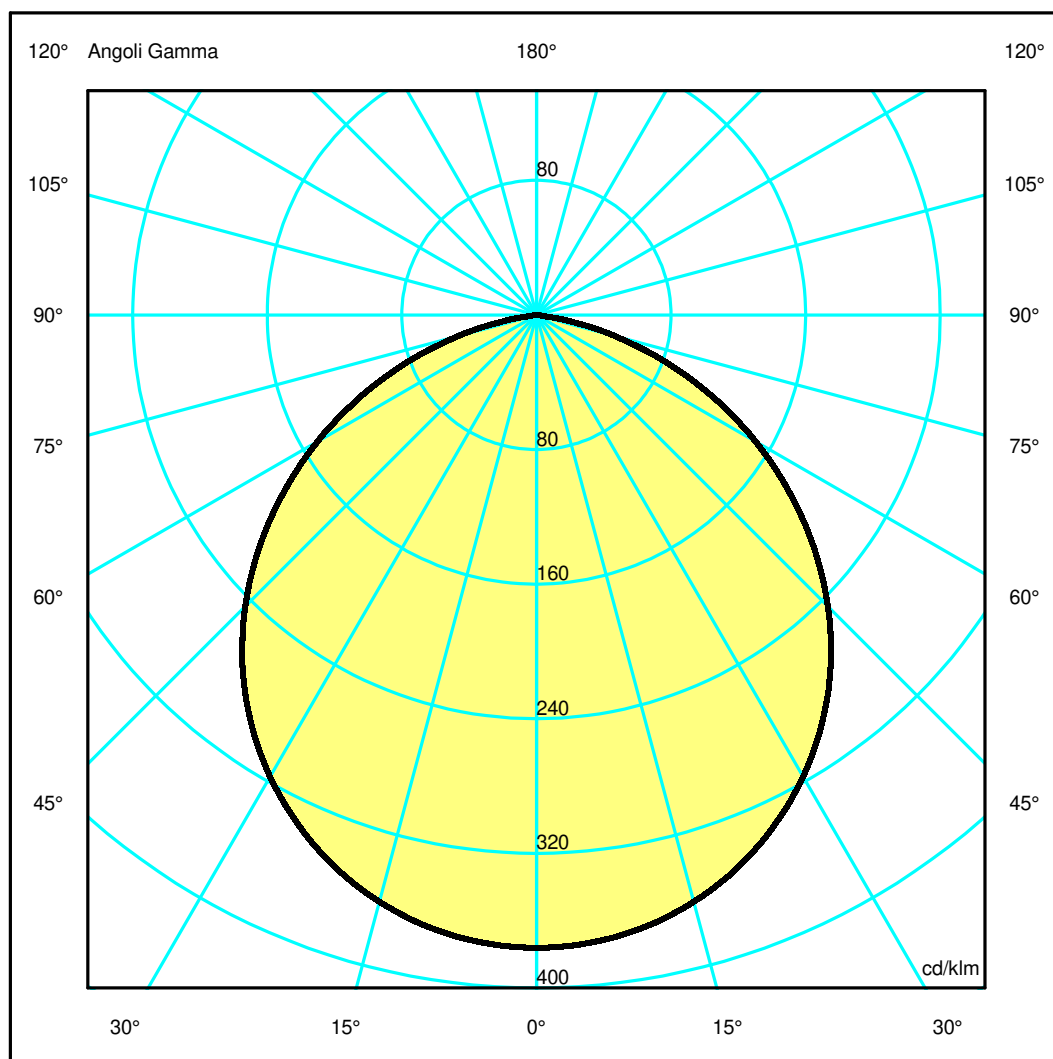
Semipiani C

180.0 ——— 0.0

ULOR 0.01 %

DLOR 99.99 %

RN 0.01 %



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## Measur.

Code FTS2300138  
Name TAGORA 970 INC. LED DIMM. DALI 3000K VERDE

|                            |         |                         |               |                             |               |                         |                 |
|----------------------------|---------|-------------------------|---------------|-----------------------------|---------------|-------------------------|-----------------|
| Luminaire Flux             | 6009 lm | Luminaire Power         | 84.0 W        | Efficacy                    | 71.538 lm/W   | Efficiency              | 100.00%         |
| Source Flux                | 6009 lm | Maximum value           | 376.04 cd/klm | Position                    | C=0.00 G=0.00 | CG                      | Rotosymmetrical |
| Round Luminaire            |         | Diam.                   | 970 mm        | Height                      | 235 mm        |                         |                 |
| Round Luminous Area        |         | Diam.                   | 830 mm        | Height                      | 0 mm          |                         |                 |
| Horizontal Luminous Area   |         | 0.541061 m <sup>2</sup> |               | Emitting area on Plane 180° |               | 0.000000 m <sup>2</sup> |                 |
| Emitting area on Plane 0°  |         | 0.000000 m <sup>2</sup> |               | Emitting area on Plane 270° |               | 0.000000 m <sup>2</sup> |                 |
| Emitting area on Plane 90° |         | 0.000000 m <sup>2</sup> |               | Glare area at 76°           |               | 0.130894 m <sup>2</sup> |                 |
| Coordinate system          |         | CG                      |               | Symmetry Type               |               | Rotosymmetrical         |                 |
| Date                       |         | 31-05-2022              |               | Maximum Gamma Angle         |               | 180                     |                 |
| Measurement Distance       |         | 0.00                    |               | Measurement Flux            |               | 6009 lm                 |                 |

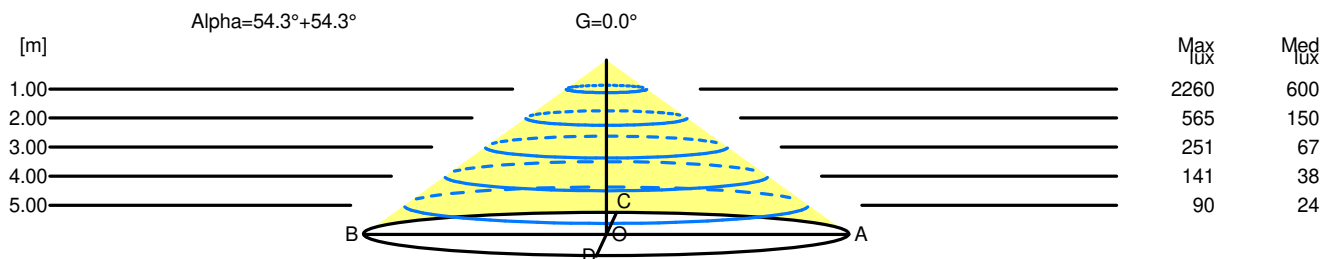
LED Flux=12819lm LED Power=74W Eff=47% EfcLed=173lm/W EfcLum=72lm/W CCT=3000K Ra=80 SDCM=3 L70(6K)=70000h

|        |                  |            |      |
|--------|------------------|------------|------|
| C.I.E. | 50 83 98 100 100 | D DIN 5040 | A30  |
| F UTE  | 1.00 E           | B NBN      | BZ 4 |

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   | 1.39 | 2.78 | 4.18 | 5.57 | 6.96 | OC   | 1.39 | 2.78 | 4.18 | 5.57 | 6.96 |
| OB   | 1.39 | 2.78 | 4.18 | 5.57 | 6.96 | OD   | 1.39 | 2.78 | 4.18 | 5.57 | 6.96 |

|    | Luminous Intensities [ cd/klm ] |         |         |         |         |         |         |        |        |      |
|----|---------------------------------|---------|---------|---------|---------|---------|---------|--------|--------|------|
|    | 0                               | 5       | 15      | 25      | 35      | 45      | 55      | 65     | 75     | 85   |
| OA | 2259.68                         | 2249.68 | 2169.75 | 2011.02 | 1778.48 | 1471.51 | 1103.15 | 698.73 | 290.78 | 9.43 |
| OB | 2259.68                         | 2249.68 | 2169.75 | 2011.02 | 1778.48 | 1471.51 | 1103.15 | 698.73 | 290.78 | 9.43 |
| OC | 2259.68                         | 2249.68 | 2169.75 | 2011.02 | 1778.48 | 1471.51 | 1103.15 | 698.73 | 290.78 | 9.43 |
| OD | 2259.68                         | 2249.68 | 2169.75 | 2011.02 | 1778.48 | 1471.51 | 1103.15 | 698.73 | 290.78 | 9.43 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=54.3°+54.3° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 2.78  | 2260    | 600     |                   |       |
| 2.00 | 5.57  | 565     | 150     |                   |       |
| 3.00 | 8.35  | 251     | 67      |                   |       |
| 4.00 | 11.14 | 141     | 38      |                   |       |
| 5.00 | 13.92 | 90      | 24      |                   |       |