

## Luminaire

Code AQ41420+AQ90XXX  
 Name A.24 SOSP. MODULO DIR. DIFF. ANGOLO 90° 3000K BBRZ + A.24 SCHERMO DIFF. OPALINO FLESSIB.

## Measurement

Code FTS2300222  
 Name A.24 SOSP. MODULO DIR. DIFF. ANGOLO 90° 3000K BBRZ + A.24 SCHERMO DIFF. OPALINO FLESSIB.

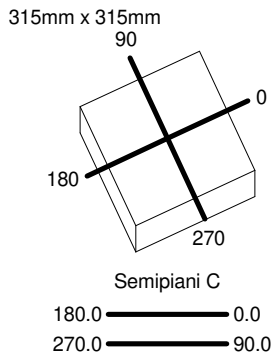
|                            |         |                         |               |                             |                         |                    |                    |
|----------------------------|---------|-------------------------|---------------|-----------------------------|-------------------------|--------------------|--------------------|
| Luminaire Flux             | 1184 lm | Luminaire Power         | 14.0 W        | Efficacy                    | 84.571 lm/W             | Efficiency         | 100.00%            |
| Source Flux                | 1184 lm | Maximum value           | 350.51 cd/klm | Position                    | C=60.00 G=1.00          | CG                 | Double Symmetrical |
| Rectangular Luminaire      |         | Length                  | 315 mm        | Width                       | 315 mm                  | Height             | 55 mm              |
| Rectangular Luminous Area  |         | Length                  | 111 mm        | Width                       | 111 mm                  | Height             | 0 mm               |
| Horizontal Luminous Area   |         | 0.012321 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°           | 0.002981 m <sup>2</sup> |                    |                    |
| Coordinate system          |         | CG                      |               |                             | Symmetry Type           | Double Symmetrical |                    |
| Date                       |         | 20-09-2023              |               |                             | Maximum Gamma Angle     | 180                |                    |
| Measurement Distance       |         | 0.00                    |               |                             | Measurement Flux        | 1184 lm            |                    |

LED Flux=2488lm LED Power=13W Eff=48% EfcLed=187lm/W EfcLum=85lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h

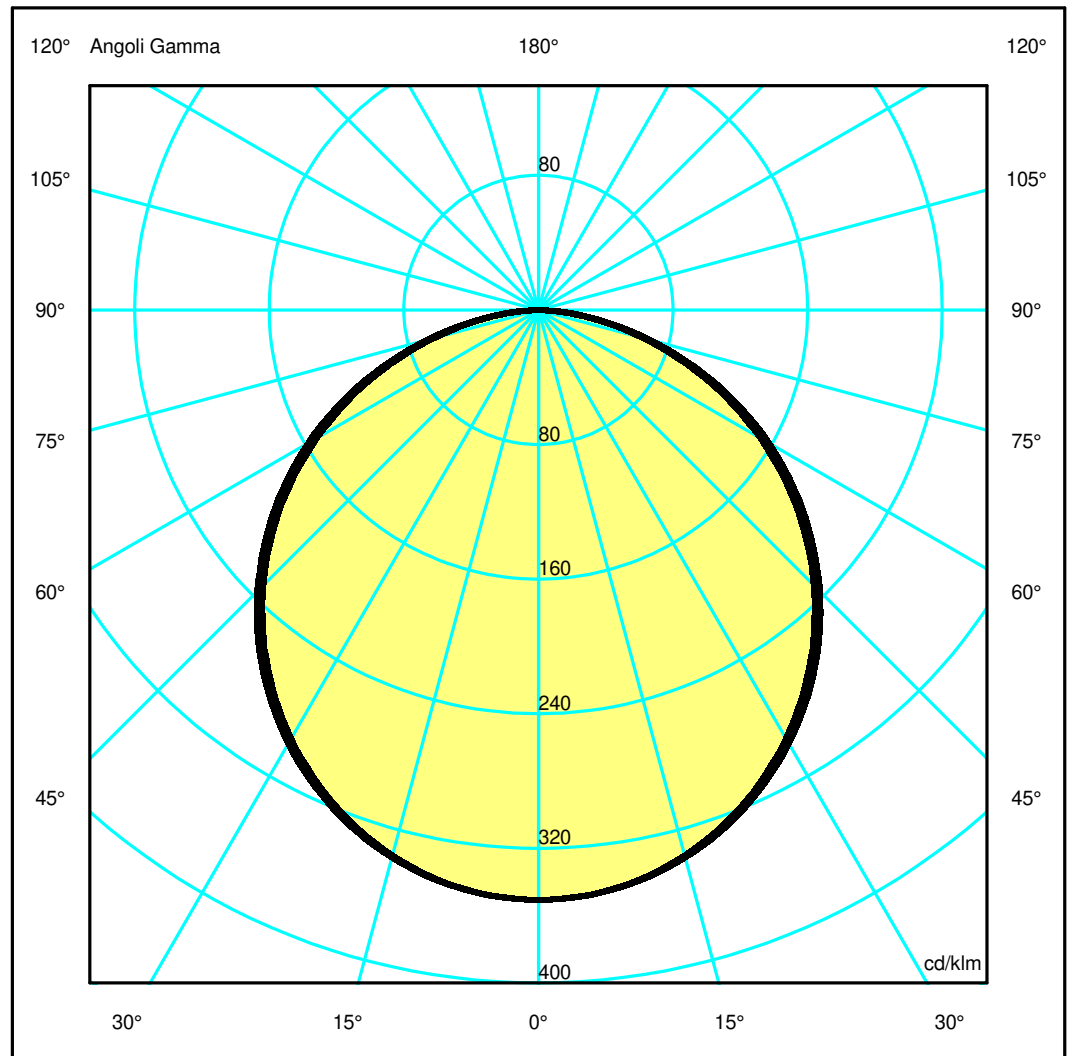
C.I.E. 47 79 96 100 100  
 F UTE 1.00 E

D DIN 5040  
 B NBN

A30  
 BZ 5 / 1.25 / BZ 4



ULOR 0.01 %  
 DLOR 99.99 %  
 RN 0.01 %



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## Measurerm.

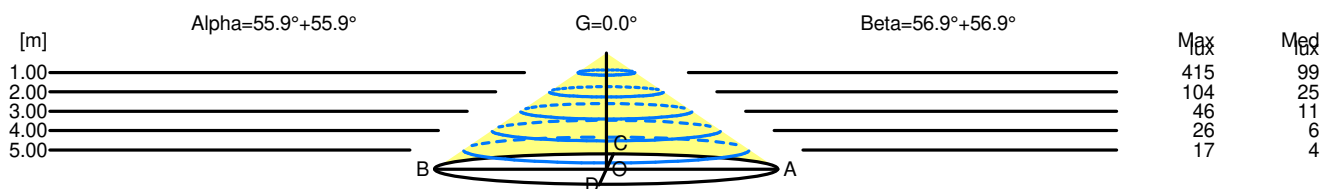
Code FTS2300222  
 Name A.24 SOSP. MODULO DIR. DIFF. ANGOLO 90° 3000K BBRZ + A.24 SCHERMO DIFF. OPALINO FLESSIB.

|  |                  |                 |               |                             |                    |                    |                    |
|--|------------------|-----------------|---------------|-----------------------------|--------------------|--------------------|--------------------|
| Luminaire Flux   | 1184 lm          | Luminaire Power | 14.0 W        | Efficacy                    | 84.571 lm/W        | Efficiency         | 100.00%            |
| Source Flux  | 1184 lm          | Maximum value   | 350.51 cd/klm | Position                    | C=60.00 G=1.00     | CG                 | Double Symmetrical |
| Rectangular Luminaire  |                  | Length          | 315 mm        | Width                       | 315 mm             | Height             | 55 mm              |
| Rectangular Luminous Area  |                  | Length          | 111 mm        | Width                       | 111 mm             | Height             | 0 mm               |
| Horizontal Luminous Area   |                  | 0.012321 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°           |                    | 0.002981 m2        |                    |
| Coordinate system  |                  | CG              |               | Symmetry Type               |                    | Double Symmetrical |                    |
| Date   |                  | 20-09-2023      |               | Maximum Gamma Angle         |                    | 180                |                    |
| Measurement Distance   |                  | 0.00            |               | Measurement Flux            |                    | 1184 lm            |                    |
| LED Flux=2488lm LED Power=13W Eff=48% EfcLed=187lm/W EfcLum=85lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h |                  |                 |               |                             |                    |                    |                    |
| C.I.E.   | 47 79 96 100 100 |                 |               | D DIN 5040                  | A30                |                    |                    |
| F UTE  | 1.00 E           |                 |               | B NBN                       | BZ 5 / 1.25 / 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   | 1.48 | 2.96 | 4.43 | 5.91 | 7.39 | OC   | 1.54 | 3.07 | 4.61 | 6.15 | 7.68 |
| OB   | 1.48 | 2.96 | 4.43 | 5.91 | 7.39 | OD   | 1.54 | 3.07 | 4.61 | 6.15 | 7.68 |

|    | Luminous Intensities [ cd/klm ] |        |        |        |        |        |        |        |       |       |
|----|---------------------------------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
|    | 0                               | 5      | 15     | 25     | 35     | 45     | 55     | 65     | 75    | 85    |
| OA | 414.99                          | 413.02 | 397.43 | 367.69 | 325.92 | 274.08 | 212.98 | 145.61 | 76.27 | 17.07 |
| OB | 414.99                          | 413.02 | 397.43 | 367.69 | 325.92 | 274.08 | 212.98 | 145.61 | 76.27 | 17.07 |
| OC | 414.99                          | 413.28 | 398.78 | 370.94 | 330.92 | 280.05 | 219.84 | 152.68 | 80.91 | 20.64 |
| OD | 414.99                          | 413.28 | 398.78 | 370.94 | 330.92 | 280.05 | 219.84 | 152.68 | 80.91 | 20.64 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=55.9°+55.9° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 2.96  | 415     | 99      |                   |       |
| 2.00 | 5.91  | 104     | 25      |                   |       |
| 3.00 | 8.87  | 46      | 11      |                   |       |
| 4.00 | 11.82 | 26      | 6       |                   |       |
| 5.00 | 14.78 | 17      | 4       |                   |       |

| H[m] | D[m]  | Max lux | Med lux | Beta=56.9°+56.9° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 3.07  | 415     | 99      |                  |       |
| 2.00 | 6.15  | 104     | 25      |                  |       |
| 3.00 | 9.22  | 46      | 11      |                  |       |
| 4.00 | 12.29 | 26      | 6       |                  |       |
| 5.00 | 15.36 | 17      | 4       |                  |       |