

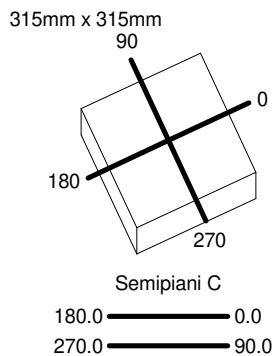
## Luminaire

Code AQ31418+AQ16XXX  
 Name A.24 PLAF. MOD.DIFF.ANG.90° 3000K BR.COP + A.24 SCHERMO DIFF. OPALINO

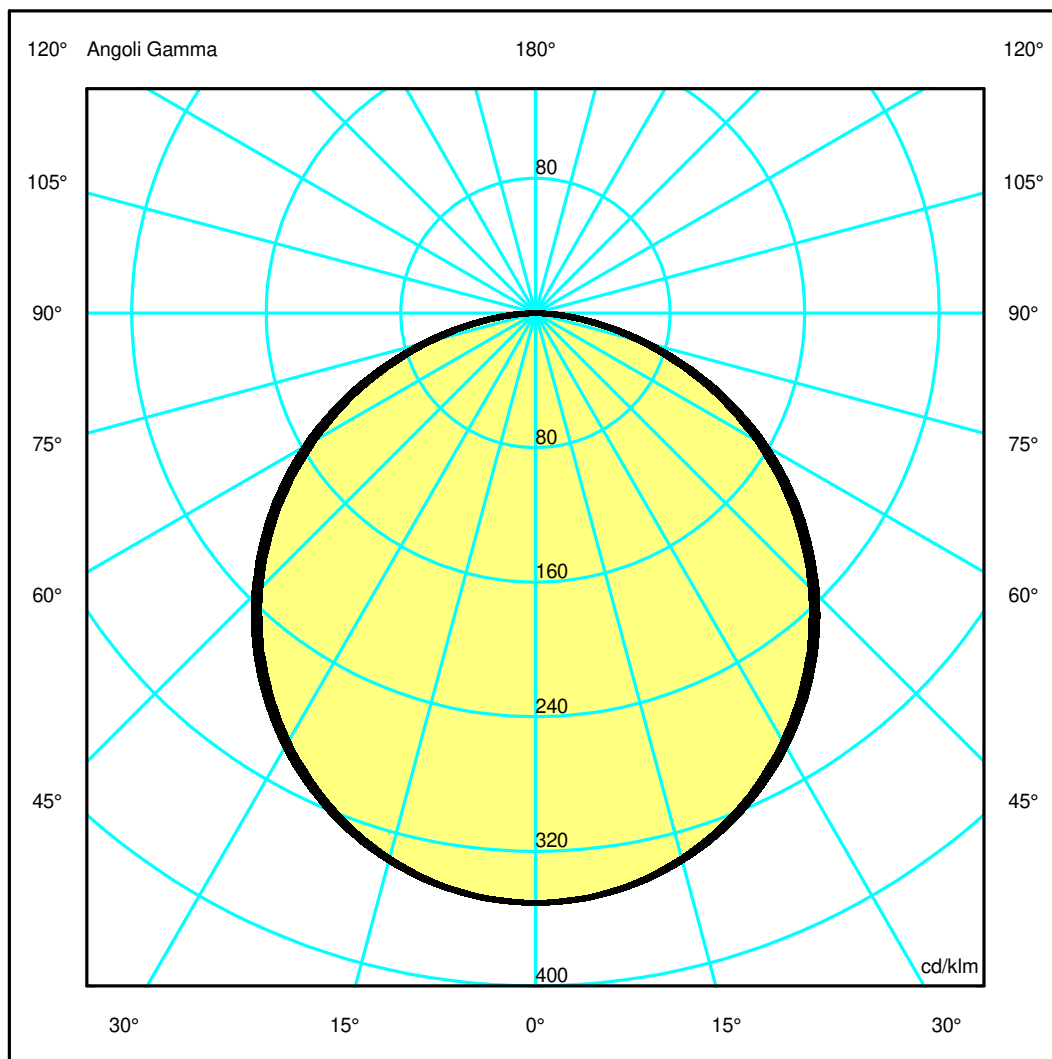
## Measurement

Code FTS2300221  
 Name A.24 PLAF. MOD.DIFF.ANG.90° 3000K BR.COP + A.24 SCHERMO DIFF. OPALINO

|   |                  |                         |               |                             |                    |                         |                    |
|---|------------------|-------------------------|---------------|-----------------------------|--------------------|-------------------------|--------------------|
| Luminaire Flux  | 1421 lm          | Luminaire Power         | 14.0 W        | Efficacy                    | 101.500 lm/W       | Efficiency              | 100.00%            |
| Source Flux   | 1421 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            |                    | 1421 lm                 |                    |
| LED Flux=2488lm LED Power=13W Eff=57% EfcLed=187lm/W EfcLum=102lm/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 |                         |                    |



ULOR 0.01 %  
 DLOR 99.99 %  
 RN 0.01 %



## Luminaire

Code AQ31418+AQ16XXX  
 Name A.24 PLAF. MOD.DIFF.ANG.90° 3000K BR.COP + A.24 SCHERMO DIFF. OPALINO

## Measurerm.

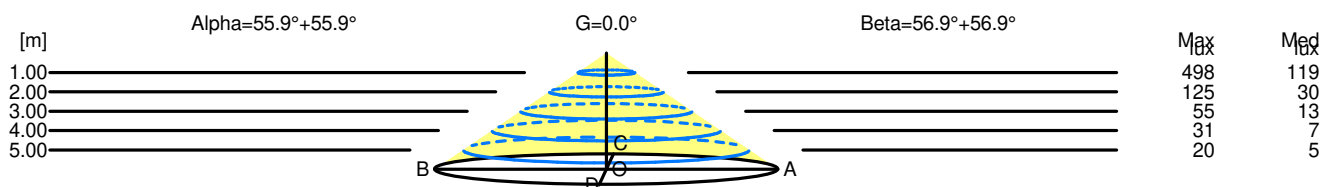
Code FTS2300221  
 Name A.24 PLAF. MOD.DIFF.ANG.90° 3000K BR.COP + A.24 SCHERMO DIFF. OPALINO

|   |                  |                 |               |                             |                    |                    |                    |
|---|------------------|-----------------|---------------|-----------------------------|--------------------|--------------------|--------------------|
| Luminaire Flux  | 1421 lm          | Luminaire Power | 14.0 W        | Efficacy                    | 101.500 lm/W       | Efficiency         | 100.00%            |
| Source Flux   | 1421 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            |                    | 1421 lm            |                    |
| LED Flux=2488lm LED Power=13W Eff=57% EfcLed=187lm/W EfcLum=102lm/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 | 498.05                         | 495.70 | 476.98 | 441.29 | 391.15 | 328.95 | 255.61 | 174.75 | 91.53 | 20.49 |
| OB | 498.05                         | 495.70 | 476.98 | 441.29 | 391.15 | 328.95 | 255.61 | 174.75 | 91.53 | 20.49 |
| OC | 498.05                         | 496.00 | 478.61 | 445.19 | 397.15 | 336.10 | 263.85 | 183.24 | 97.10 | 24.77 |
| OD | 498.05                         | 496.00 | 478.61 | 445.19 | 397.15 | 336.10 | 263.85 | 183.24 | 97.10 | 24.77 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=55.9°+55.9° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 2.96  | 498     | 119     |                   |       |
| 2.00 | 5.91  | 125     | 30      |                   |       |
| 3.00 | 8.87  | 55      | 13      |                   |       |
| 4.00 | 11.82 | 31      | 7       |                   |       |
| 5.00 | 14.78 | 20      | 5       |                   |       |

| H[m] | D[m]  | Max lux | Med lux | Beta=56.9°+56.9° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 3.07  | 498     | 119     |                  |       |
| 2.00 | 6.15  | 125     | 30      |                  |       |
| 3.00 | 9.22  | 55      | 13      |                  |       |
| 4.00 | 12.29 | 31      | 7       |                  |       |
| 5.00 | 15.36 | 20      | 5       |                  |       |