

## Luminaire

Code AQ31104+AQ16XXX  
 Name A.24 PLAF. MODULO DIFF.4000K 1176mm BLACK + A.24 SCHERMO DIFF. OPALINO

## Measurement

Code FTS2300182  
 Name A.24 PLAF. MODULO DIFF.4000K 1176mm BLACK + A.24 SCHERMO DIFF. OPALINO

|                            |         |                         |               |                             |                |                         |                    |
|----------------------------|---------|-------------------------|---------------|-----------------------------|----------------|-------------------------|--------------------|
| Luminaire Flux             | 2843 lm | Luminaire Power         | 29.0 W        | Efficacy                    | 98.034 lm/W    | Efficiency              | 100.00%            |
| Source Flux                | 2843 lm | Maximum value           | 349.78 cd/klm | Position                    | C=90.00 G=1.00 | CG                      | Double Symmetrical |
| Rectangular Luminaire      |         | Length                  | 1176 mm       | Width                       | 27 mm          | Height                  | 55 mm              |
| Rectangular Luminous Area  |         | Length                  | 1176 mm       | Width                       | 22 mm          | Height                  | 0 mm               |
| Horizontal Luminous Area   |         | 0.025872 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°           |                | 0.006259 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            |                | 2843 lm                 |                    |

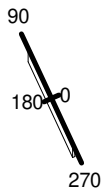
LED Flux=4976lm LED Power=27W Eff=57% EfcLed=187lm/W EfcLum=98lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h

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

D DIN 5040  
 B NBN

A30  
 BZ 5 / 2 / BZ 4

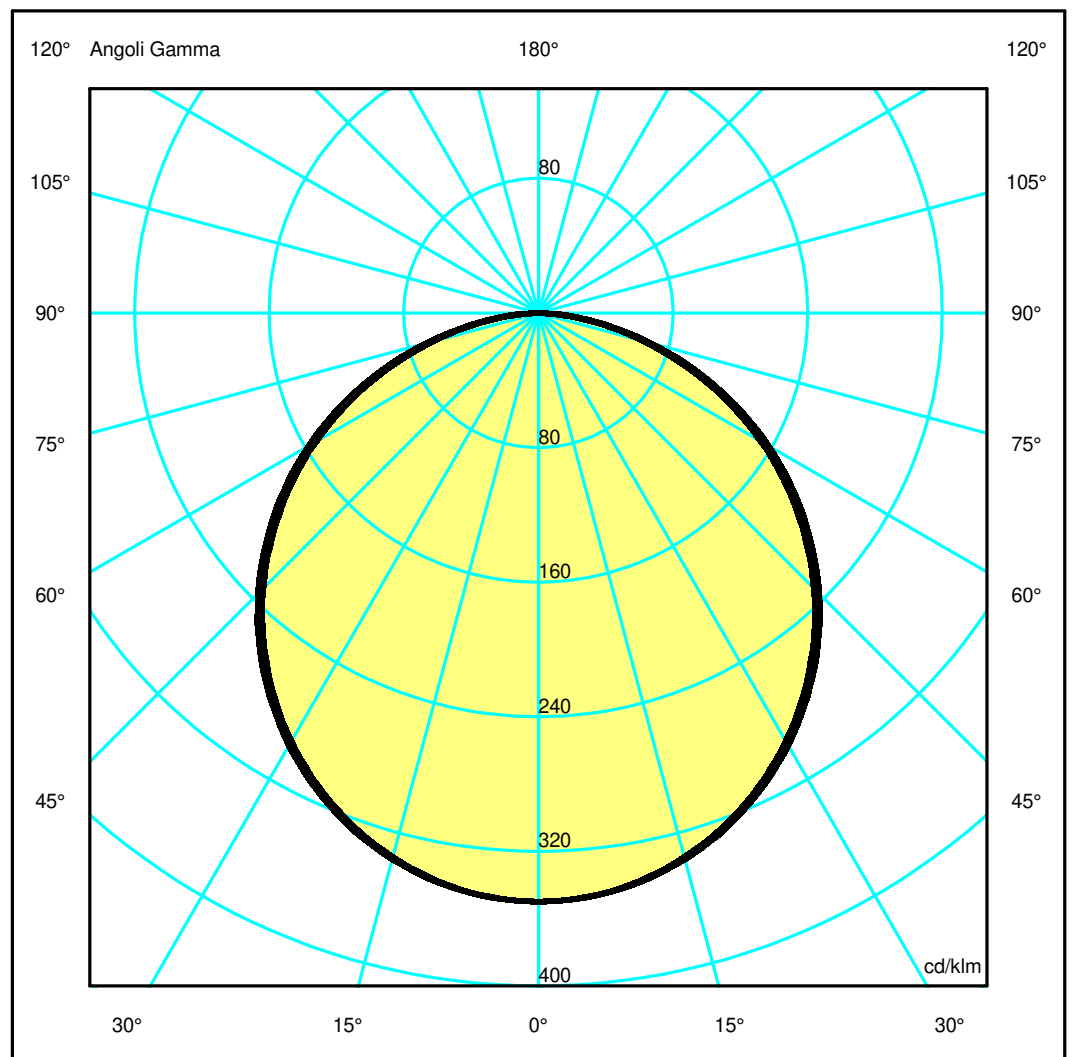
1176mm x 27mm



Semipiani C

180.0 ——— 0.0  
 270.0 ——— 90.0

ULOR 0.01 %  
 DLOR 99.99 %  
 RN 0.01 %



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## Measurment.

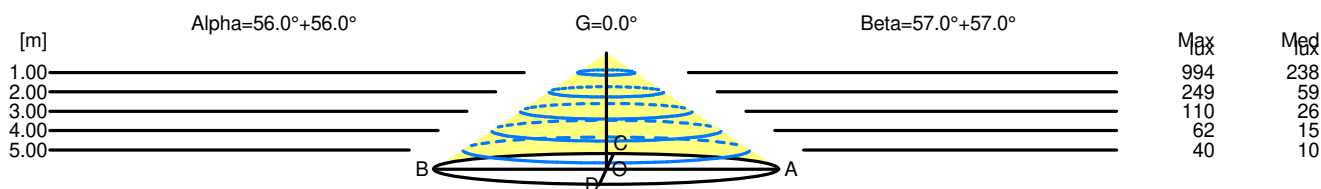
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 Name A.24 PLAF. MODULO DIFF.4000K 1176mm BLACK + A.24 SCHERMO DIFF. OPALINO

|  |                  |                 |               |                             |                 |                    |                    |
|--|------------------|-----------------|---------------|-----------------------------|-----------------|--------------------|--------------------|
| Luminaire Flux   | 2843 lm          | Luminaire Power | 29.0 W        | Efficacy                    | 98.034 lm/W     | Efficiency         | 100.00%            |
| Source Flux  | 2843 lm          | Maximum value   | 349.78 cd/klm | Position                    | C=90.00 G=1.00  | CG                 | Double Symmetrical |
| Rectangular Luminaire  |                  | Length          | 1176 mm       | Width                       | 27 mm           | Height             | 55 mm              |
| Rectangular Luminous Area  |                  | Length          | 1176 mm       | Width                       | 22 mm           | Height             | 0 mm               |
| Horizontal Luminous Area   |                  | 0.025872 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°           |                 | 0.006259 m2        |                    |
| Coordinate system  |                  | CG              |               | Symmetry Type               |                 | Double Symmetrical |                    |
| Date   |                  | 20-09-2023      |               | Maximum Gamma Angle         |                 | 180                |                    |
| Measurement Distance   |                  | 0.00            |               | Measurement Flux            |                 | 2843 lm            |                    |
| LED Flux=4976lm LED Power=27W Eff=57% EfcLed=187lm/W EfcLum=98lm/W CCT=4000K 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 / 2 / 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 | 2.97 | 4.45 | 5.94 | 7.42 | OC   | 1.54 | 3.07 | 4.61 | 6.15 | 7.69 |
| OB   | 1.48 | 2.97 | 4.45 | 5.94 | 7.42 | OD   | 1.54 | 3.07 | 4.61 | 6.15 | 7.69 |

|    | Luminous Intensities [ cd/klm ] |        |        |        |        |        |        |        |        |       |
|----|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
|    | 0                               | 5      | 15     | 25     | 35     | 45     | 55     | 65     | 75     | 85    |
| OA | 994.41                          | 989.47 | 951.71 | 881.54 | 782.65 | 657.69 | 513.24 | 350.74 | 183.60 | 40.40 |
| OB | 994.41                          | 989.47 | 951.71 | 881.54 | 782.65 | 657.69 | 513.24 | 350.74 | 183.60 | 40.40 |
| OC | 994.41                          | 990.06 | 955.75 | 887.94 | 792.45 | 670.50 | 526.62 | 366.26 | 195.91 | 51.41 |
| OD | 994.41                          | 990.06 | 955.75 | 887.94 | 792.45 | 670.50 | 526.62 | 366.26 | 195.91 | 51.41 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=56.0°+56.0° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 2.97  | 994     | 238     |                   |       |
| 2.00 | 5.94  | 249     | 59      |                   |       |
| 3.00 | 8.90  | 110     | 26      |                   |       |
| 4.00 | 11.87 | 62      | 15      |                   |       |
| 5.00 | 14.84 | 40      | 10      |                   |       |

| H[m] | D[m]  | Max lux | Med lux | Beta=57.0°+57.0° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 3.07  | 994     | 238     |                  |       |
| 2.00 | 6.15  | 249     | 59      |                  |       |
| 3.00 | 9.22  | 110     | 26      |                  |       |
| 4.00 | 12.30 | 62      | 15      |                  |       |
| 5.00 | 15.37 | 40      | 10      |                  |       |