

## Luminaire

Code DD0014G10A3W  
Name UNA PRO 9 LED SEMI/R 3000K/WFL - BCO

## Measurem.

Code FTS1600293-A  
Name UNA PRO 9 LED SEMI/R 3000K/WFL - BCO

|                                                                                                                  |                   |                 |                |                             |               |                 |                 |
|------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                   | 787 lm            | Luminaire Power | 11.0 W         | Efficacy                    | 71.532 lm/W   | Efficiency      | 100.00%         |
| Source Flux                                                                                                      | 787 lm            | Maximum value   | 2156.88 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Rectangular Luminaire                                                                                            |                   | Length          | 150 mm         | Width                       | 150 mm        | Height          | 20 mm           |
| Rectangular Luminous Area                                                                                        |                   | Length          | 80 mm          | Width                       | 80 mm         | Height          | 0 mm            |
| Horizontal Luminous Area                                                                                         |                   | 0.006400 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°           |               | 0.001548 m2     |                 |
| Coordinate system                                                                                                |                   | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                                                                                                             |                   | 19-09-2022      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance                                                                                             |                   | 0.00            |                | Measurement Flux            |               | 787 lm          |                 |
| LED Flux=1071lm LED Power=8.6W Eff=73% EfcLed=125lm/W EfcLum=72lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(6K)=272160h |                   |                 |                |                             |               |                 |                 |
| C.I.E.                                                                                                           | 93 98 100 100 100 |                 |                | D DIN 5040                  | A60           |                 |                 |
| F UTE                                                                                                            | 1.00 A            |                 |                | B NBN                       | BZ 1          |                 |                 |

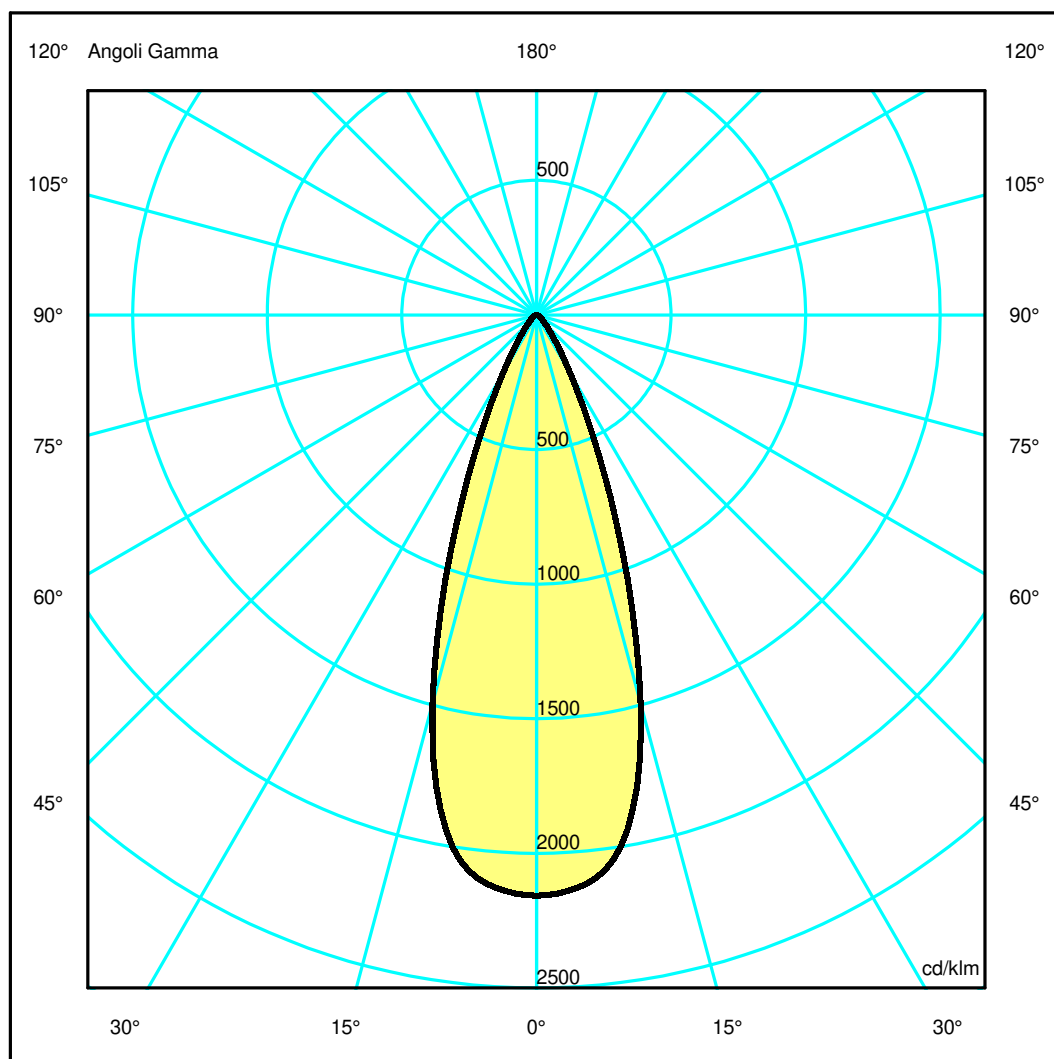
150mm x 150mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



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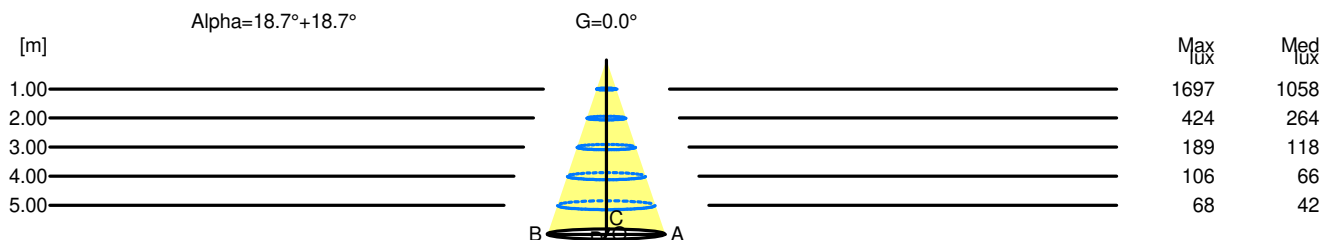
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|                                                                                                                  |                   |                 |                |                             |               |                    |         |
|------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|----------------|-----------------------------|---------------|--------------------|---------|
| Luminaire Flux                                                                                                   | 787 lm            | Luminaire Power | 11.0 W         | Efficacy                    | 71.532 lm/W   | Efficiency         | 100.00% |
| Source Flux                                                                                                      | 787 lm            | Maximum value   | 2156.88 cd/klm | Position                    | C=0.00 G=0.00 | CG Rotosymmetrical |         |
| Rectangular Luminaire                                                                                            |                   | Length          | 150 mm         | Width                       | 150 mm        | Height             | 20 mm   |
| Rectangular Luminous Area                                                                                        |                   | Length          | 80 mm          | Width                       | 80 mm         | Height             | 0 mm    |
| Horizontal Luminous Area                                                                                         |                   | 0.006400 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°           |               | 0.001548 m2        |         |
| Coordinate system                                                                                                |                   | CG              |                | Symmetry Type               |               | Rotosymmetrical    |         |
| Date                                                                                                             |                   | 19-09-2022      |                | Maximum Gamma Angle         |               | 180                |         |
| Measurement Distance                                                                                             |                   | 0.00            |                | Measurement Flux            |               | 787 lm             |         |
| LED Flux=1071lm LED Power=8.6W Eff=73% EfcLed=125lm/W EfcLum=72lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(6K)=272160h |                   |                 |                |                             |               |                    |         |
| C.I.E.                                                                                                           | 93 98 100 100 100 |                 |                | D DIN 5040                  | A60           |                    |         |
| F UTE                                                                                                            | 1.00 A            |                 |                | 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   | 0.34 | 0.68 | 1.01 | 1.35 | 1.69 | OC   | 0.34 | 0.68 | 1.01 | 1.35 | 1.69 |
| OB   | 0.34 | 0.68 | 1.01 | 1.35 | 1.69 | OD   | 0.34 | 0.68 | 1.01 | 1.35 | 1.69 |

|    |                                |         |         |        |        |       |       |       |      |      |
|----|--------------------------------|---------|---------|--------|--------|-------|-------|-------|------|------|
|    | Luminous Intensities [ cd/klm] |         |         |        |        |       |       |       |      |      |
|    | 0                              | 5       | 15      | 25     | 35     | 45    | 55    | 65    | 75   | 85   |
| OA | 1697.14                        | 1668.56 | 1174.25 | 391.77 | 103.51 | 33.64 | 17.59 | 10.85 | 5.49 | 1.16 |
| OB | 1697.14                        | 1668.56 | 1174.25 | 391.77 | 103.51 | 33.64 | 17.59 | 10.85 | 5.49 | 1.16 |
| OC | 1697.14                        | 1668.56 | 1174.25 | 391.77 | 103.51 | 33.64 | 17.59 | 10.85 | 5.49 | 1.16 |
| OD | 1697.14                        | 1668.56 | 1174.25 | 391.77 | 103.51 | 33.64 | 17.59 | 10.85 | 5.49 | 1.16 |



| H[m] | D[m] | Max lux | Med lux | Alpha=18.7°+18.7° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.68 | 1697    | 1058    |                   |       |
| 2.00 | 1.35 | 424     | 264     |                   |       |
| 3.00 | 2.03 | 189     | 118     |                   |       |
| 4.00 | 2.70 | 106     | 66      |                   |       |
| 5.00 | 3.38 | 68      | 42      |                   |       |