

## Luminaire

Code T4003SPW00  
Name EGO 90S DO Spot 3000K ACC

## Measurement

Code FTS1500994-A  
Name EGO 90S DO Spot 3000K ACC

|  |             |                 |                 |                             |                 |                 |                 |
|--|-------------|-----------------|-----------------|-----------------------------|-----------------|-----------------|-----------------|
| Luminaire Flux   | 220 lm      | Luminaire Power | 3.5 W           | Efficacy                    | 62.857 lm/W     | Efficiency      | 100.00%         |
| Source Flux  | 220 lm      | Maximum value   | 24532.17 cd/klm | Position                    | C=0.00 G=180.00 | CG              | Rotosymmetrical |
| Round Luminaire  |             | Diam.           | 90 mm           | Height                      | 100 mm          |                 |                 |
| Round Luminous Area  |             | Diam.           | 35 mm           | Height                      | 0 mm            |                 |                 |
| Horizontal Luminous Area   |             | 0.000962 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°           |                 | 0.000233 m2     |                 |
| Coordinate system  |             | CG              |                 | Symmetry Type               |                 | Rotosymmetrical |                 |
| Date   |             | 19-02-2021      |                 | Maximum Gamma Angle         |                 | 180             |                 |
| Measurement Distance   |             | 0.00            |                 | Measurement Flux            |                 | 220 lm          |                 |
| LED Flux=291lm LED Power=3,2W Eff=76% EfcLed=91lm/W EfcLum=63lm/W CCT=3000K Ra=80 SDCM=4 L70(6K)=39300 |             |                 |                 |                             |                 |                 |                 |
| C.I.E.   | 0 0 0 0 100 |                 |                 | D DIN 5040                  | --              |                 |                 |
| F UTE  | 1.00 T      |                 |                 | B NBN                       | --              |                 |                 |

Diam=90mm



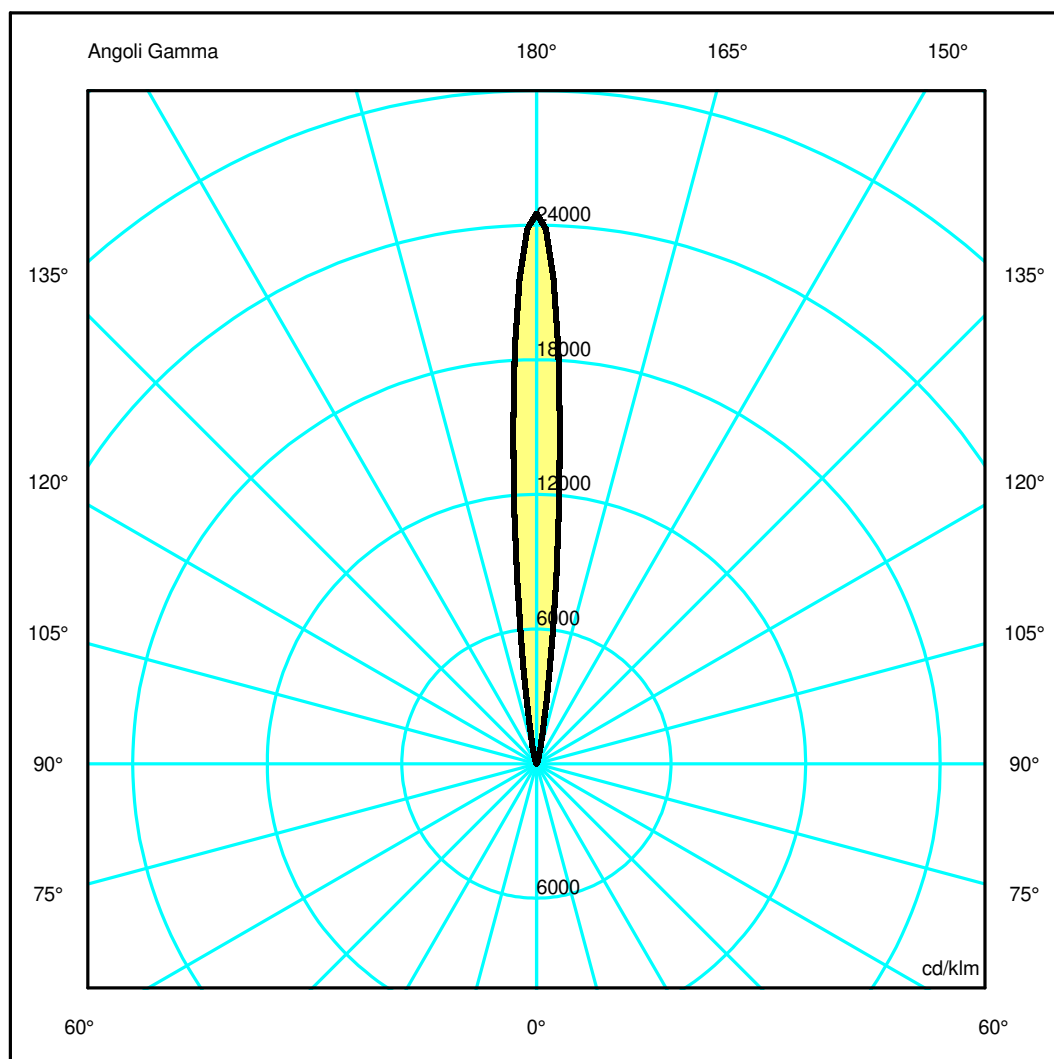
Semipiani C

180.0 ——— 0.0

ULOR100.00 %

DLOR 0.00 %

RN100.00 %



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## Measurem.

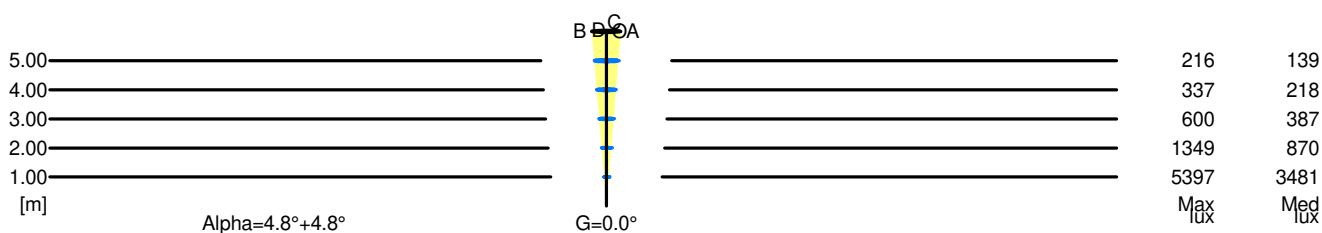
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Width at 50.00 % of Max Intensity

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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   | 0.08 | 0.17 | 0.25 | 0.33 | 0.42 | OC   | 0.08 | 0.17 | 0.25 | 0.33 | 0.42 |
| OB   | 0.08 | 0.17 | 0.25 | 0.33 | 0.42 | OD   | 0.08 | 0.17 | 0.25 | 0.33 | 0.42 |

|    |                                |         |        |       |      |      |      |      |      |      |
|----|--------------------------------|---------|--------|-------|------|------|------|------|------|------|
|    | Luminous Intensities [ cd/klm] |         |        |       |      |      |      |      |      |      |
|    | 0                              | 5       | 15     | 25    | 35   | 45   | 55   | 65   | 75   | 85   |
| OA | 5397.08                        | 2519.39 | 114.16 | 16.78 | 4.81 | 1.10 | 0.36 | 0.15 | 0.00 | 0.00 |
| OB | 5397.08                        | 2519.39 | 114.16 | 16.78 | 4.81 | 1.10 | 0.36 | 0.15 | 0.00 | 0.00 |
| OC | 5397.08                        | 2519.39 | 114.16 | 16.78 | 4.81 | 1.10 | 0.36 | 0.15 | 0.00 | 0.00 |
| OD | 5397.08                        | 2519.39 | 114.16 | 16.78 | 4.81 | 1.10 | 0.36 | 0.15 | 0.00 | 0.00 |



|      |      |         |         |                       |
|------|------|---------|---------|-----------------------|
| 5.00 | 0.83 | 216     | 139     |                       |
| 4.00 | 0.67 | 337     | 218     |                       |
| 3.00 | 0.50 | 600     | 387     |                       |
| 2.00 | 0.33 | 1349    | 870     |                       |
| 1.00 | 0.17 | 5397    | 3481    |                       |
| H[m] | D[m] | Max lux | Med lux | Alpha=4.8°+4.8° G=0.0 |