

## Luminaire

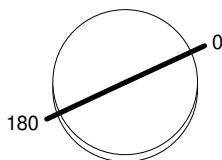
Code T40004FLW00  
Name EGO 90R FLAT WO Flood 3000K ALL

## Measurerm.

Code FTS1501286-A  
Name EGO 90R FLAT WO Flood 3000K ALL

|  |             |                 |                |                             |                 |                 |                 |
|--|-------------|-----------------|----------------|-----------------------------|-----------------|-----------------|-----------------|
| Luminaire Flux   | 179 lm      | Luminaire Power | 3.2 W          | Efficacy                    | 55.938 lm/W     | Efficiency      | 100.00%         |
| Source Flux  | 179 lm      | Maximum value   | 4226.06 cd/klm | Position                    | C=0.00 G=180.00 | CG              | Rotosymmetrical |
| Round Luminaire  |             | Diam.           | 90 mm          | Height                      | 100 mm          |                 |                 |
| Round Luminous Area  |             | Diam.           | 37 mm          | Height                      | 0 mm            |                 |                 |
| Horizontal Luminous Area   |             |                 | 0.001075 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°           |                 |                 | 0.000260 m2     |
| Coordinate system  |             | CG              |                | Symmetry Type               |                 | Rotosymmetrical |                 |
| Date   |             | 19-02-2021      |                | Maximum Gamma Angle         |                 | 180             |                 |
| Measurement Distance   |             | 0.00            |                | Measurement Flux            |                 | 179 lm          |                 |
| LED Flux=291lm LED Power=3,2W Eff=62% EfcLed=91lm/W EfcLum=56lm/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                       | BZ 10           |                 |                 |

Diam=90mm



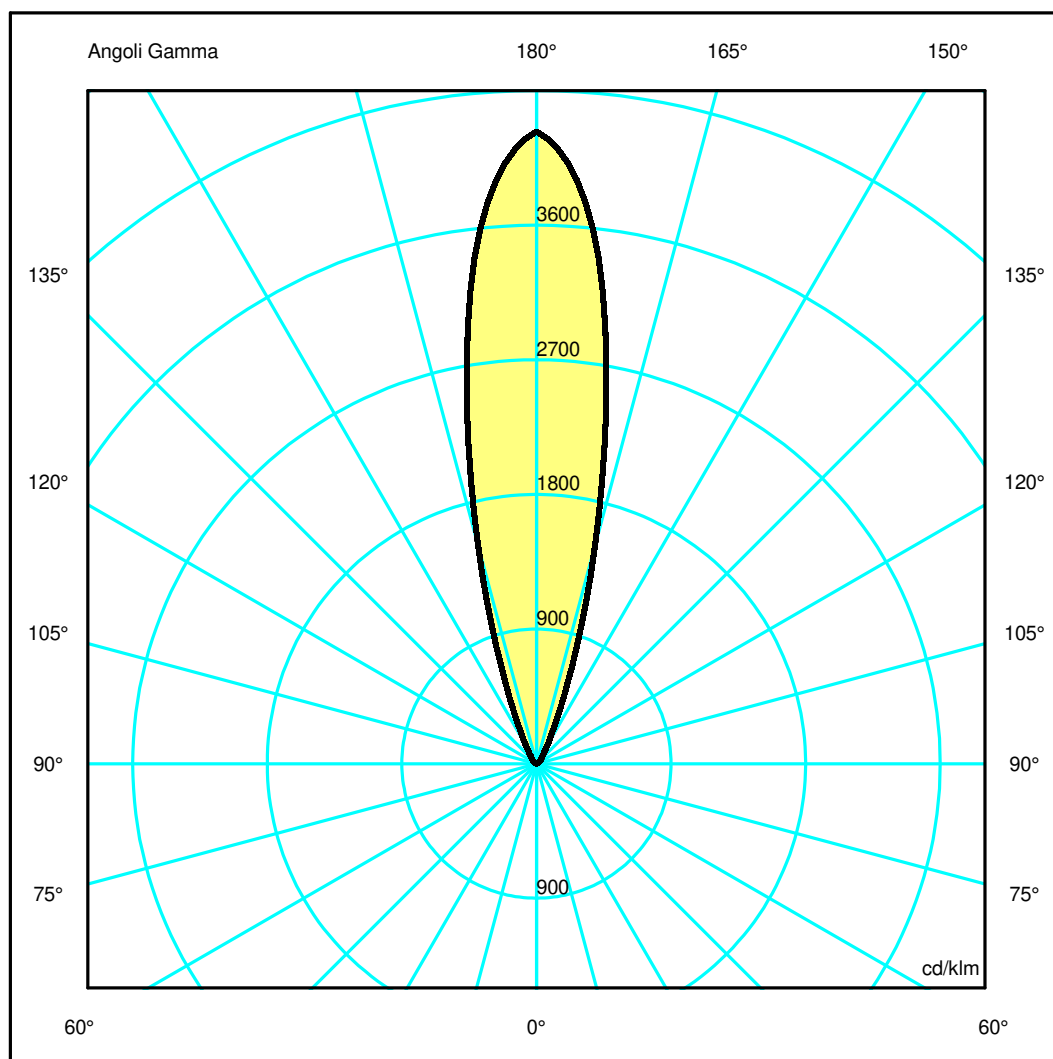
Semipiani C

180.0 ——— 0.0

ULOR 99.99 %

DLOR 0.01 %

RN 99.99 %



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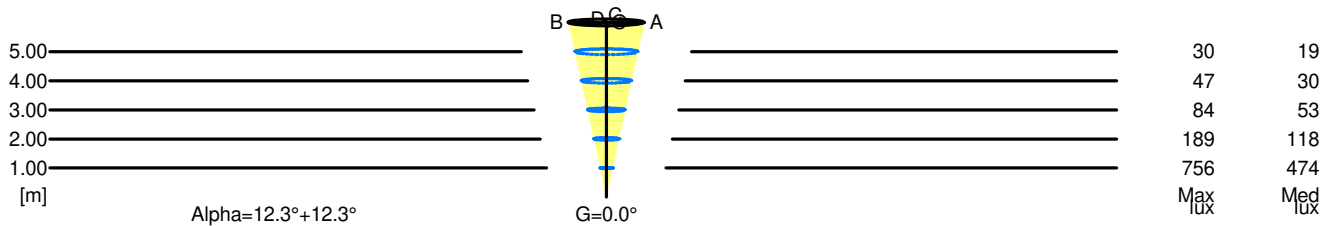
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| Round Luminaire  |             | Diam.                   | 90 mm          | Height                      | 100 mm          |                         |                 |
| Round Luminous Area  |             | Diam.                   | 37 mm          | Height                      | 0 mm            |                         |                 |
| Horizontal Luminous Area   |             | 0.001075 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> |                 |
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| Date   |             | 19-02-2021              |                | Maximum Gamma Angle         |                 | 180                     |                 |
| Measurement Distance   |             | 0.00                    |                | Measurement Flux            |                 | 179 lm                  |                 |
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| C.I.E.   | 0 0 0 0 100 |                         |                | D DIN 5040                  | --              |                         |                 |
| F UTE  | 1.00 T      |                         |                | B NBN                       | BZ 10           |                         |                 |

### 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   | 0.22 | 0.44 | 0.66 | 0.87 | 1.09 | OC   | 0.22 | 0.44 | 0.66 | 0.87 | 1.09 |
| OB   | 0.22 | 0.44 | 0.66 | 0.87 | 1.09 | OD   | 0.22 | 0.44 | 0.66 | 0.87 | 1.09 |

|    |                                 |        |        |       |       |      |      |      |      |      |
|----|---------------------------------|--------|--------|-------|-------|------|------|------|------|------|
|    | Luminous Intensities [ cd/klm ] |        |        |       |       |      |      |      |      |      |
|    | 0                               | 5      | 15     | 25    | 35    | 45   | 55   | 65   | 75   | 85   |
| OA | 756.47                          | 674.17 | 271.43 | 53.24 | 14.42 | 7.48 | 2.93 | 0.76 | 0.43 | 0.33 |
| OB | 756.47                          | 674.17 | 271.43 | 53.24 | 14.42 | 7.48 | 2.93 | 0.76 | 0.43 | 0.33 |
| OC | 756.47                          | 674.17 | 271.43 | 53.24 | 14.42 | 7.48 | 2.93 | 0.76 | 0.43 | 0.33 |
| OD | 756.47                          | 674.17 | 271.43 | 53.24 | 14.42 | 7.48 | 2.93 | 0.76 | 0.43 | 0.33 |



|      |      |         |         |                   |       |
|------|------|---------|---------|-------------------|-------|
| 5.00 | 2.18 | 30      | 19      |                   |       |
| 4.00 | 1.75 | 47      | 30      |                   |       |
| 3.00 | 1.31 | 84      | 53      |                   |       |
| 2.00 | 0.87 | 189     | 118     |                   |       |
| 1.00 | 0.44 | 756     | 474     |                   |       |
| H[m] | D[m] | Max lux | Med lux | Alpha=12.3°+12.3° | G=0.0 |