

## Luminaire

Code T42002WFLW00  
Name Ego 55S FLAT DL Wide flood 3000K ALL

## Measurem.

Code FTS1501234-A  
Name Ego 55S FLAT DL Wide flood 3000K ALL

|  |                   |                 |                |                             |               |                 |                 |
|--|-------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux   | 76 lm             | Luminaire Power | 1.2 W          | Efficacy                    | 63.542 lm/W   | Efficiency      | 100.00%         |
| Source Flux  | 76 lm             | Maximum value   | 3045.05 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Round Luminaire  |                   | Diam.           | 55 mm          | Height                      | 100 mm        |                 |                 |
| Round Luminous Area  |                   | Diam.           | 15 mm          | Height                      | 0 mm          |                 |                 |
| Horizontal Luminous Area   |                   | 0.000177 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°           |               | 0.000043 m2     |                 |
| Coordinate system  |                   | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date   |                   | 19-02-2021      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance   |                   | 0.00            |                | Measurement Flux            |               | 76 lm           |                 |
| LED Flux=104lm LED Power=1,2W Eff=73% EfcLed=87lm/W EfcLum=64lm/W CCT=3000K Ra=80 SDCM=4 L70(6K)=39300 |                   |                 |                |                             |               |                 |                 |
| C.I.E.   | 96 99 100 100 100 |                 |                | D DIN 5040                  | A60           |                 |                 |
| F UTE  | 1.00 A            |                 |                | B NBN                       | BZ 1          |                 |                 |

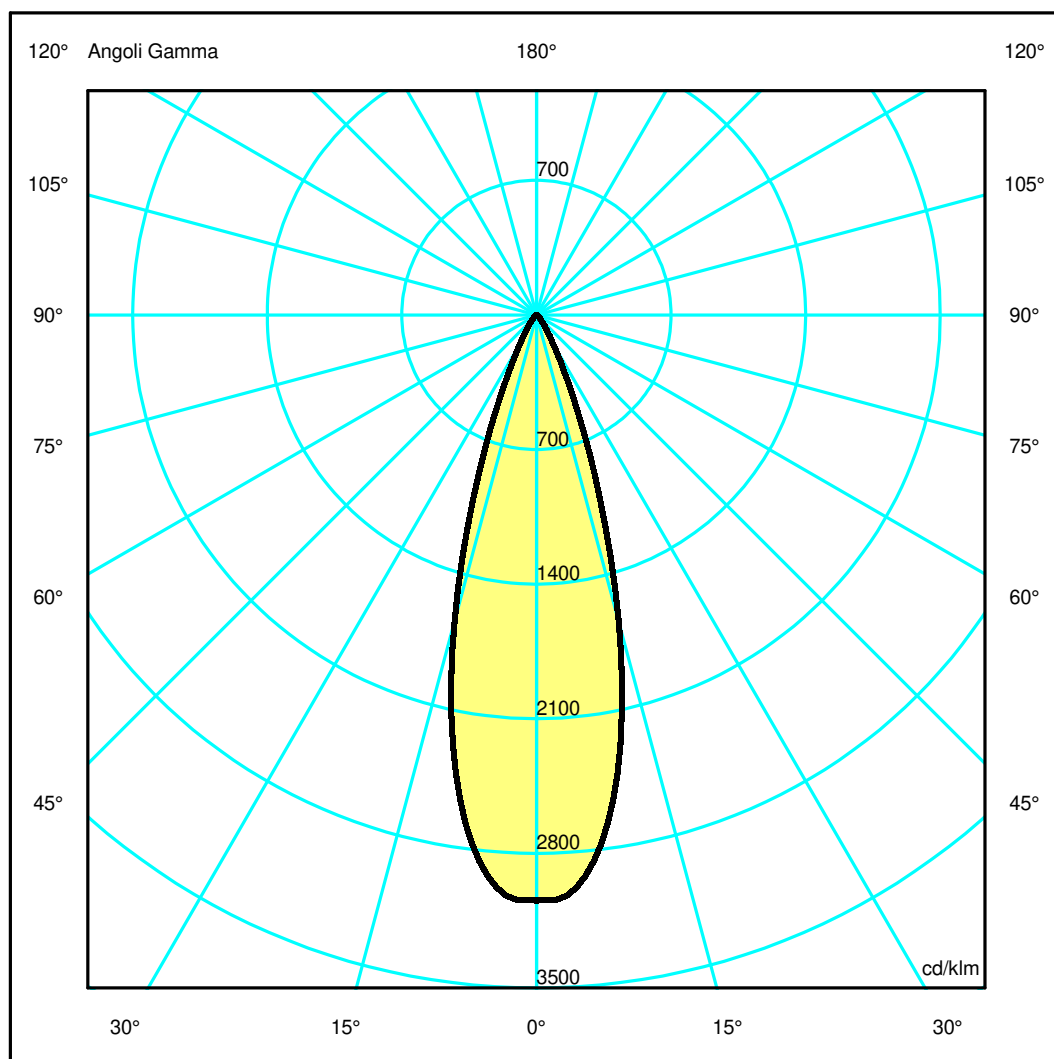
Diam=55mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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## Measurement

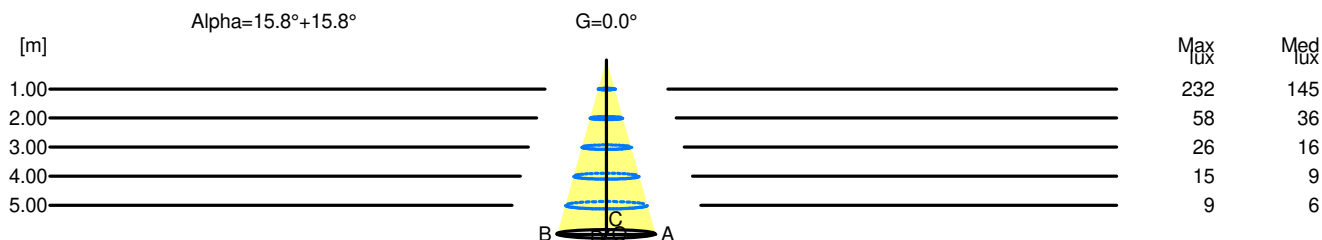
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Name Ego 55S FLAT DL Wide flood 3000K ALL

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| 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°           |               | 0.000043 m2        |         |
| Coordinate system  |                   | CG              |                | Symmetry Type               |               | Rotosymmetrical    |         |
| Date   |                   | 19-02-2021      |                | Maximum Gamma Angle         |               | 180                |         |
| Measurement Distance   |                   | 0.00            |                | Measurement Flux            |               | 76 lm              |         |
| LED Flux=104lm LED Power=1,2W Eff=73% EfcLed=87lm/W EfcLum=64lm/W CCT=3000K Ra=80 SDCM=4 L70(6K)=39300 |                   |                 |                |                             |               |                    |         |
| C.I.E.   | 96 99 100 100 100 |                 |                | D DIN 5040                  | A60           |                    |         |
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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   | 0.28 | 0.56 | 0.85 | 1.13 | 1.41 | OC   | 0.28 | 0.56 | 0.85 | 1.13 | 1.41 |
| OB   | 0.28 | 0.56 | 0.85 | 1.13 | 1.41 | OD   | 0.28 | 0.56 | 0.85 | 1.13 | 1.41 |

|    |                                |        |        |       |      |      |      |      |      |      |
|----|--------------------------------|--------|--------|-------|------|------|------|------|------|------|
|    | Luminous Intensities [ cd/klm] |        |        |       |      |      |      |      |      |      |
|    | 0                              | 5      | 15     | 25    | 35   | 45   | 55   | 65   | 75   | 85   |
| OA | 232.18                         | 223.27 | 125.84 | 29.87 | 6.43 | 2.08 | 0.82 | 0.50 | 0.24 | 0.08 |
| OB | 232.18                         | 223.27 | 125.84 | 29.87 | 6.43 | 2.08 | 0.82 | 0.50 | 0.24 | 0.08 |
| OC | 232.18                         | 223.27 | 125.84 | 29.87 | 6.43 | 2.08 | 0.82 | 0.50 | 0.24 | 0.08 |
| OD | 232.18                         | 223.27 | 125.84 | 29.87 | 6.43 | 2.08 | 0.82 | 0.50 | 0.24 | 0.08 |



| H[m] | D[m] | Max lux | Med lux | Alpha=15.8°+15.8° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.56 | 232     | 145     |                   |       |
| 2.00 | 1.13 | 58      | 36      |                   |       |
| 3.00 | 1.69 | 26      | 16      |                   |       |
| 4.00 | 2.26 | 15      | 9       |                   |       |
| 5.00 | 2.82 | 9       | 6       |                   |       |