

**Luminaire**

Code AF10301+AF95204  
 Name SHARP RECESSED TRIM 4X 12W 930 FLOOD WHITE EXT.DRV + SCREEN 4X BLACK

**Measurem.**

Code FTS1603149  
 Name SHARP RECESSED TRIM 4X 12W 930 FLOOD WHITE EXT.DRV + SCREEN 4X BLACK

|                            |           |                 |                |                             |               |                 |                 |
|----------------------------|-----------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux             | 790.99 lm | Luminaire Power | 11.00 W        | Efficacy                    | 71.91 lm/W    | Efficiency      | 100.00%         |
| Lamps Flux                 | 790.99 lm | Maximum value   | 5604.42 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Rectangular Luminaire      |           | Length          | 150 mm         | Width                       | 40 mm         | Height          | 55 mm           |
| Rectangular Luminous Area  |           | Length          | 148 mm         | Width                       | 37 mm         | Height          | 0 mm            |
| Horizontal Luminous Area   |           | 0.005476 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°           |               | 0.001325 m2     |                 |
| Coordinate system          |           | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                       |           | 21-02-2017      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance       |           | 0.00            |                | Measurement Flux            |               | 790.99 lm       |                 |

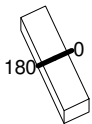
LED Flux=1061,32lm LED Power=11W Eff=75% EfcLed=96lm/W EfcLum=72lm/W Ra=90 SDCM=2 L90(20K)=118000h

C.I.E. 100 100 100 100 100  
 F UTE --

D DIN 5040  
 B NBN

A60  
 BZ 1

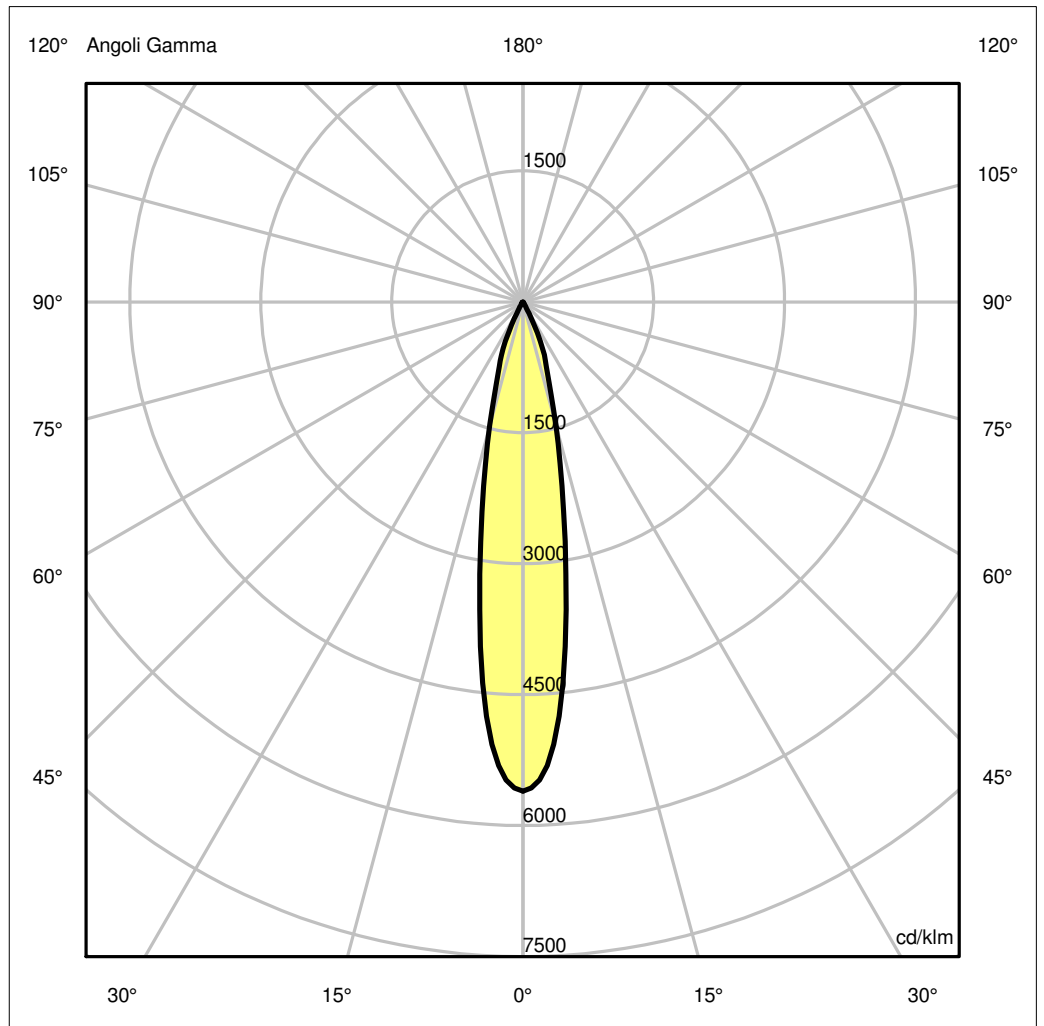
150mm x 40mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
 DLOR 100.00 %  
 RN 0.00 %



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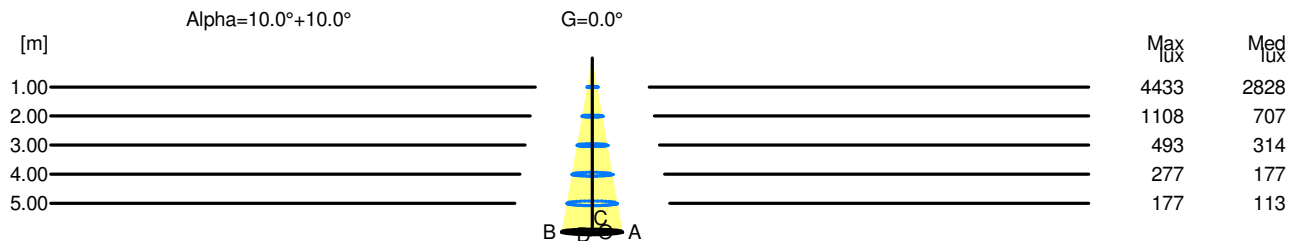
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|  |                     |                 |                |                             |               |                 |                 |
|--|---------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
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| Rectangular Luminaire  |                     | Length          | 150 mm         | Width                       | 40 mm         | Height          | 55 mm           |
| Rectangular Luminous Area  |                     | Length          | 148 mm         | Width                       | 37 mm         | Height          | 0 mm            |
| Horizontal Luminous Area   |                     | 0.005476 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°           |               | 0.001325 m2     |                 |
| Coordinate system  |                     | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date   |                     | 21-02-2017      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance   |                     | 0.00            |                | Measurement Flux            |               | 790.99 lm       |                 |
| LED Flux=1061,32lm LED Power=11W Eff=75% EfcLed=96lm/W EfcLum=72lm/W Ra=90 SDCM=2 L90(20K)=118000h |                     |                 |                |                             |               |                 |                 |
| C.I.E.   | 100 100 100 100 100 |                 |                | D DIN 5040                  | A60           |                 |                 |
| F UTE  | --                  |                 |                | 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   | 0.18 | 0.35 | 0.53 | 0.70 | 0.88 | OC   | 0.18 | 0.35 | 0.53 | 0.70 | 0.88 |
| OB   | 0.18 | 0.35 | 0.53 | 0.70 | 0.88 | OD   | 0.18 | 0.35 | 0.53 | 0.70 | 0.88 |

|    | Luminous Intensities [ cd/klm] |         |         |        |       |      |      |      |      |      |
|----|--------------------------------|---------|---------|--------|-------|------|------|------|------|------|
|    | 0                              | 5       | 15      | 25     | 35    | 45   | 55   | 65   | 75   | 85   |
| OA | 4433.04                        | 3769.58 | 1157.38 | 309.60 | 18.33 | 3.88 | 0.49 | 0.00 | 0.00 | 0.00 |
| OB | 4433.04                        | 3769.58 | 1157.38 | 309.60 | 18.33 | 3.88 | 0.49 | 0.00 | 0.00 | 0.00 |
| OC | 4433.04                        | 3769.58 | 1157.38 | 309.60 | 18.33 | 3.88 | 0.49 | 0.00 | 0.00 | 0.00 |
| OD | 4433.04                        | 3769.58 | 1157.38 | 309.60 | 18.33 | 3.88 | 0.49 | 0.00 | 0.00 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=10.0°+10.0° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.35 | 4433    | 2828    |                   |       |
| 2.00 | 0.70 | 1108    | 707     |                   |       |
| 3.00 | 1.05 | 493     | 314     |                   |       |
| 4.00 | 1.40 | 277     | 177     |                   |       |
| 5.00 | 1.75 | 177     | 113     |                   |       |