

## Luminaire

Code AF15001+AF95204

Name SHARP RECESSED TRIM 8X 24W 930 FLOOD WHITE EXT.DRV + SCREEN 4X BLACK

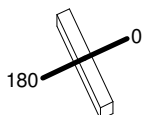
## Measur.

Code FTS1603155

Name SHARP RECESSED TRIM 8X 24W 930 FLOOD WHITE EXT.DRV + SCREEN 4X BLACK

|   |            |                 |                |                             |               |                 |                 |
|---|------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux  | 1484.93 lm | Luminaire Power | 22.00 W        | Efficacy                    | 67.50 lm/W    | Efficiency      | 100.00%         |
| Lamps Flux  | 1484.93 lm | Maximum value   | 5604.42 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Rectangular Luminaire   |            | Length          | 298 mm         | Width                       | 40 mm         | Height          | 55 mm           |
| Rectangular Luminous Area   |            | Length          | 296 mm         | Width                       | 37 mm         | Height          | 0 mm            |
| Horizontal Luminous Area  |            | 0.010952 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°           |               | 0.002650 m2     |                 |
| Coordinate system   |            | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date  |            | 21-02-2017      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance  |            | 0.00            |                | Measurement Flux            |               | 1484.93 lm      |                 |
| LED Flux=1992,4lm LED Power=22W Eff=75% EfcLed=91lm/W EfcLum=67lm/W Ra=90 SDCM=2 L90(6K)=50000h |            |                 |                |                             |               |                 |                 |
| C.I.E.  | 100        | 100             | 100            | 100                         | 100           | D DIN 5040      | A60             |
| F UTE   | --         |                 |                |                             |               | B NBN           | BZ 1            |

298mm x 40mm



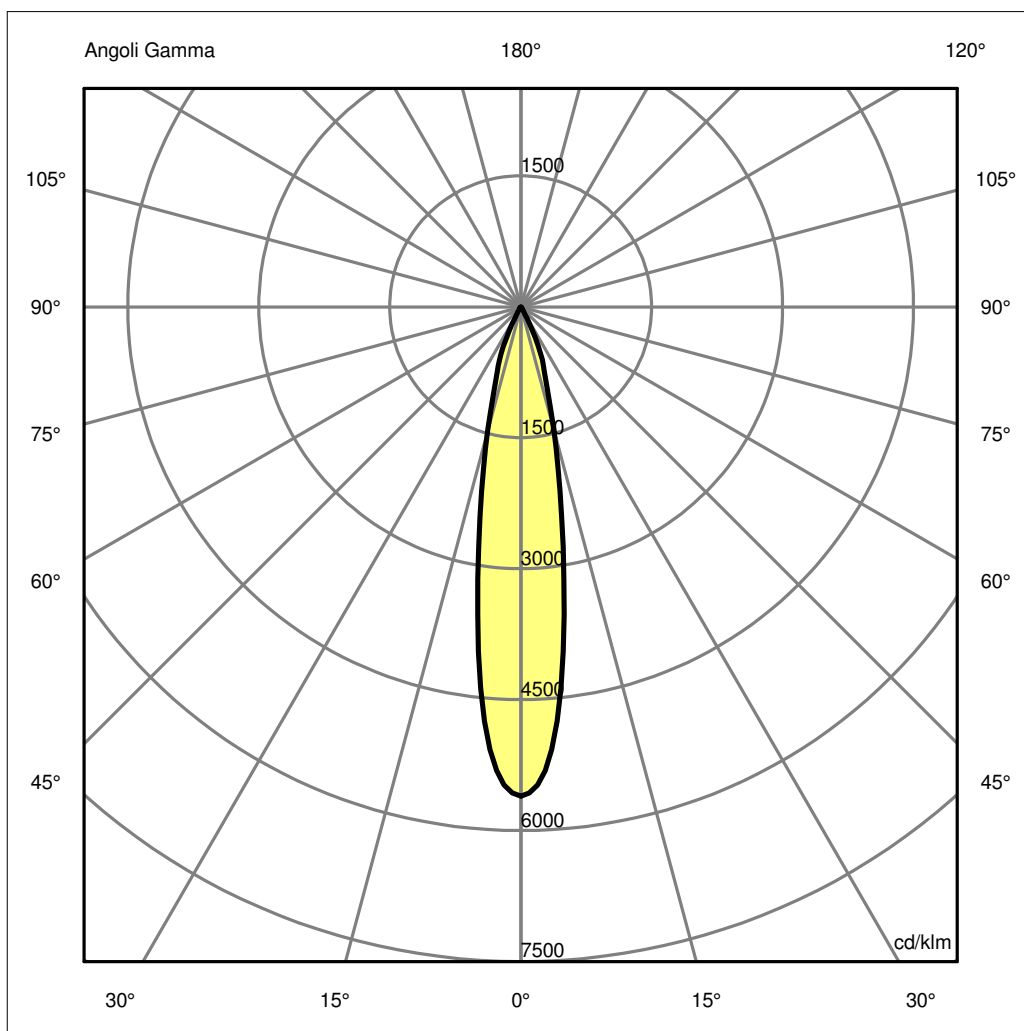
Semipiani C

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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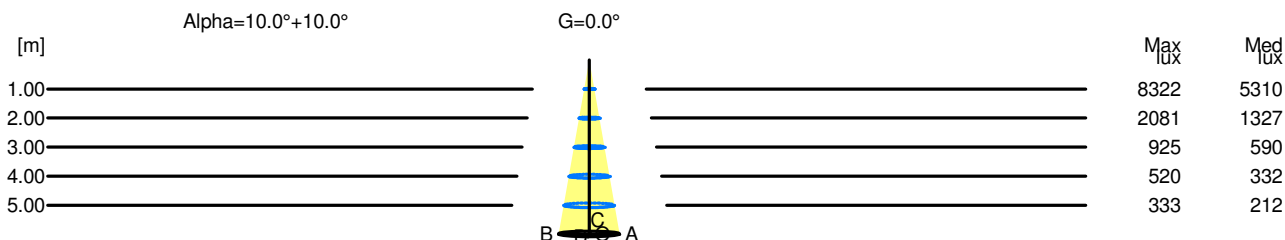
|   |            |                 |                |                             |               |                 |                 |
|---|------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
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| 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°           |               | 0.002650 m2     |                 |
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| 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 | 8322.18 | 7076.65 | 2172.75 | 581.21 | 34.41 | 7.28 | 0.92 | 0.00 | 0.00 | 0.00 |
| OB | 8322.18 | 7076.65 | 2172.75 | 581.21 | 34.41 | 7.28 | 0.92 | 0.00 | 0.00 | 0.00 |
| OC | 8322.18 | 7076.65 | 2172.75 | 581.21 | 34.41 | 7.28 | 0.92 | 0.00 | 0.00 | 0.00 |
| OD | 8322.18 | 7076.65 | 2172.75 | 581.21 | 34.41 | 7.28 | 0.92 | 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 | 8322    | 5310    |                   |       |
| 2.00 | 0.70 | 2081    | 1327    |                   |       |
| 3.00 | 1.05 | 925     | 590     |                   |       |
| 4.00 | 1.40 | 520     | 332     |                   |       |
| 5.00 | 1.75 | 333     | 212     |                   |       |

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UGR  
S = 0.250

| Reflectancies  |                 |     |     |     |     |               |     |     |     |     |
|----------------|-----------------|-----|-----|-----|-----|---------------|-----|-----|-----|-----|
| Ceiling/Cavity | 0.7             | 0.7 | 0.5 | 0.5 | 0.3 | 0.7           | 0.7 | 0.5 | 0.5 | 0.3 |
| Walls          | 0.5             | 0.3 | 0.5 | 0.3 | 0.3 | 0.5           | 0.3 | 0.5 | 0.3 | 0.3 |
| WorkingPlane   | 0.2             | 0.2 | 0.2 | 0.2 | 0.2 | 0.2           | 0.2 | 0.2 | 0.2 | 0.2 |
| RoomDimensions | ViewedCrosswise |     |     |     |     | ViewedEndwise |     |     |     |     |
| x=2H y=2H      | < 0             | 0.6 | 0.2 | 0.8 | 1.0 | < 0           | 0.6 | 0.2 | 0.8 | 1.0 |
| x=2H y=3H      | < 0             | 0.5 | 0.2 | 0.7 | 0.9 | < 0           | 0.5 | 0.2 | 0.7 | 0.9 |
| x=2H y=4H      | < 0             | 0.3 | 0.1 | 0.6 | 0.8 | < 0           | 0.3 | 0.1 | 0.6 | 0.8 |
| x=2H y=6H      | < 0             | 0.2 | 0.0 | 0.5 | 0.8 | < 0           | 0.2 | 0.0 | 0.5 | 0.8 |
| x=2H y=8H      | < 0             | 0.2 | 0.0 | 0.4 | 0.7 | < 0           | 0.2 | 0.0 | 0.4 | 0.7 |
| x=2H y=12H     | < 0             | 0.1 | < 0 | 0.4 | 0.7 | < 0           | 0.1 | < 0 | 0.4 | 0.7 |
| x=4H y=2H      | < 0             | 0.3 | 0.1 | 0.6 | 0.8 | < 0           | 0.3 | 0.1 | 0.6 | 0.8 |
| x=4H y=3H      | < 0             | 0.1 | < 0 | 0.4 | 0.7 | < 0           | 0.1 | < 0 | 0.4 | 0.7 |
| x=4H y=4H      | < 0             | < 0 | < 0 | 0.3 | 0.6 | < 0           | < 0 | < 0 | 0.3 | 0.6 |
| x=4H y=6H      | < 0             | < 0 | < 0 | 0.2 | 0.6 | < 0           | < 0 | < 0 | 0.2 | 0.6 |
| x=4H y=8H      | < 0             | < 0 | < 0 | 0.1 | 0.5 | < 0           | < 0 | < 0 | 0.1 | 0.5 |
| x=4H y=12H     | < 0             | < 0 | < 0 | 0.1 | 0.5 | < 0           | < 0 | < 0 | 0.1 | 0.5 |
| x=8H y=4H      | < 0             | < 0 | < 0 | 0.1 | 0.5 | < 0           | < 0 | < 0 | 0.1 | 0.5 |
| x=8H y=6H      | < 0             | < 0 | < 0 | 0.0 | 0.4 | < 0           | < 0 | < 0 | 0.0 | 0.4 |
| x=8H y=8H      | < 0             | < 0 | < 0 | < 0 | 0.4 | < 0           | < 0 | < 0 | < 0 | 0.4 |
| x=8H y=12H     | < 0             | < 0 | < 0 | < 0 | 0.4 | < 0           | < 0 | < 0 | < 0 | 0.4 |
| x=12H y=4H     | < 0             | < 0 | < 0 | 0.1 | 0.5 | < 0           | < 0 | < 0 | 0.1 | 0.5 |
| x=12H y=6H     | < 0             | < 0 | < 0 | < 0 | 0.4 | < 0           | < 0 | < 0 | < 0 | 0.4 |
| x=12H y=8H     | < 0             | < 0 | < 0 | < 0 | 0.4 | < 0           | < 0 | < 0 | < 0 | 0.4 |