

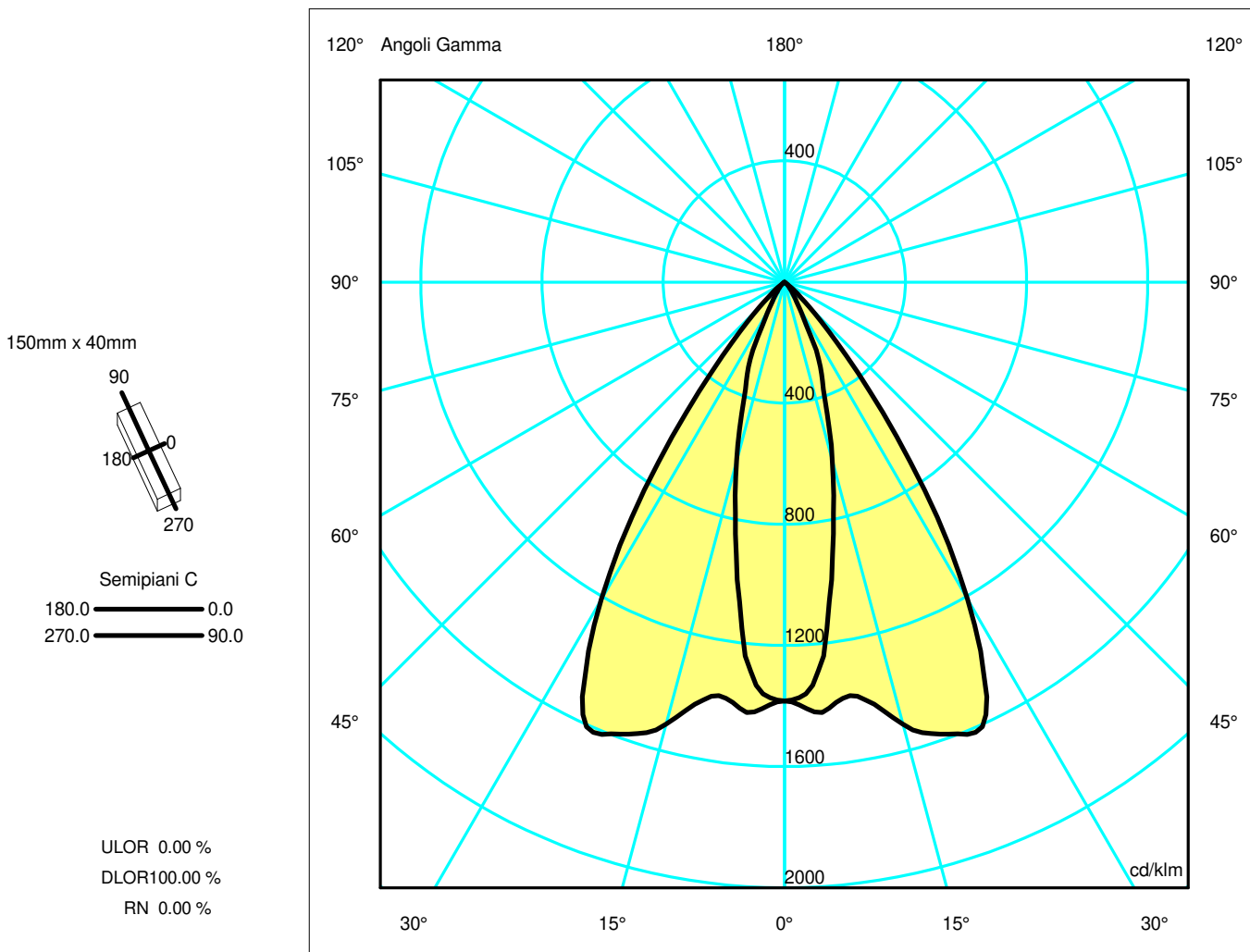
Luminaire

Code AF10301+AF95204+AF0600
 Name SHARP RECESSED TRIM 4X 12W 930 FLOOD WHITE EXT.DRV + SCREEN 4X BLACK + GRAZER LENS

Measurement

Code FTS1901367
 Name SHARP RECESSED TRIM 4X 12W 930 FLOOD WHITE EXT.DRV + SCREEN 4X BLACK + GRAZER LENS

| | | | | | | | |
|--|--------------------|-----------------|----------------|-----------------------------|-----------------|--------------------|--------------------|
| Luminaire Flux | 663.96 lm | Luminaire Power | 11.00 W | Efficacy | 60.36 lm/W | Efficiency | 100.00% |
| Lamps Flux | 663.96 lm | Maximum value | 1615.43 cd/klm | Position | C=90.00 G=23.00 | CG | Double Symmetrical |
| 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 | | Double Symmetrical | |
| Date | | 19-07-2018 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 663.96 lm | |
| LED Flux=1061.32lm LED Power=11W Eff=63% EfcLed=96lm/W EfcLum=60lm/W CCT=3000K Ra=90 SDCM=2 L90(20K)=118000h | | | | | | | |
| C.I.E. | 95 100 100 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | 1.00 A | | | B NBN | BZ 1 | | |



Luminaire

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

Measurerm.

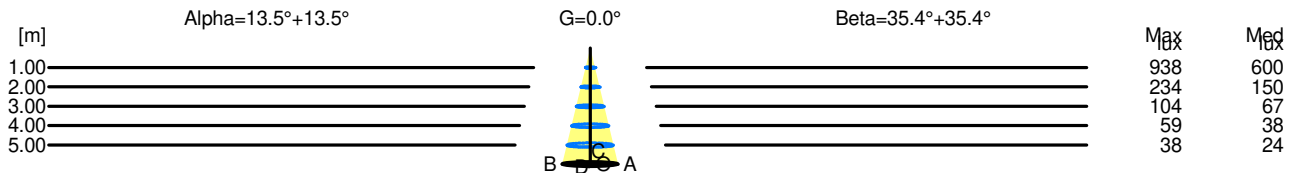
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 Name SHARP RECESSED TRIM 4X 12W 930 FLOOD WHITE EXT.DRV + SCREEN 4X BLACK + GRAZER LENS

| | | | | | | | |
|--|-----------|-----------------|----------------|-----------------------------|-----------------|--------------------|--------------------|
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| Measurement Distance | | 0.00 | | Measurement Flux | | 663.96 lm | |
| LED Flux=1061.32lm LED Power=11W Eff=63% EfcLed=96lm/W EfcLum=60lm/W CCT=3000K Ra=90 SDCM=2 L90(20K)=118000h | | | | | | | |
| C.I.E. | 95 | 100 | 100 | 100 | 100 | D DIN 5040 | A60 |
| F UTE | 1.00 | A | | | | 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 | 0.24 | 0.48 | 0.72 | 0.96 | 1.20 | OC | 0.71 | 1.42 | 2.13 | 2.84 | 3.55 |
| OB | 0.24 | 0.48 | 0.72 | 0.96 | 1.20 | OD | 0.71 | 1.42 | 2.13 | 2.84 | 3.55 |

| | | | | | | | | | | | |
|----|--------|--------------------------------|---------|---------|--------|-------|------|------|------|------|------|
| | | Luminous Intensities [cd/klm] | | | | | | | | | |
| | | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 918.30 | 855.35 | 405.02 | 164.25 | 34.13 | 10.90 | 1.31 | 0.11 | 0.00 | 0.00 | 0.00 |
| OB | 918.30 | 855.35 | 405.02 | 164.25 | 34.13 | 10.90 | 1.31 | 0.11 | 0.00 | 0.00 | 0.00 |
| OC | 918.30 | 946.92 | 1002.96 | 1045.86 | 480.85 | 77.80 | 3.81 | 0.14 | 0.00 | 0.00 | 0.00 |
| OD | 918.30 | 946.92 | 1002.96 | 1045.86 | 480.85 | 77.80 | 3.81 | 0.14 | 0.00 | 0.00 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=13.5°+13.5° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.48 | 938 | 600 | | |
| 2.00 | 0.96 | 234 | 150 | | |
| 3.00 | 1.44 | 104 | 67 | | |
| 4.00 | 1.93 | 59 | 38 | | |
| 5.00 | 2.41 | 38 | 24 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=35.4°+35.4° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 1.42 | 938 | 600 | | |
| 2.00 | 2.84 | 234 | 150 | | |
| 3.00 | 4.26 | 104 | 67 | | |
| 4.00 | 5.68 | 59 | 38 | | |
| 5.00 | 7.09 | 38 | 24 | | |