

## Luminaire

Code AF31404+AF95001  
Name SHARP SMD.1X 3W 930 WF EXD NRO+ SCREEN 1X WHITE

## Measurement

Code FTS1901806  
Name SHARP SMD.1X 3W 930 WF EXD NRO+ SCREEN 1X WHITE

|  |                   |                 |                |                             |               |                    |         |
|--|-------------------|-----------------|----------------|-----------------------------|---------------|--------------------|---------|
| Luminaire Flux   | 188 lm            | Luminaire Power | 3.5 W          | Efficacy                    | 53.726 lm/W   | Efficiency         | 100.00% |
| Source Flux  | 188 lm            | Maximum value   | 2570.73 cd/klm | Position                    | C=0.00 G=0.00 | CG Rotosymmetrical |         |
| Rectangular Luminaire  |                   | Length          | 41 mm          | Width                       | 45 mm         | Height             | 90 mm   |
| Rectangular Luminous Area  |                   | Length          | 37 mm          | Width                       | 37 mm         | Height             | 0 mm    |
| Horizontal Luminous Area   |                   | 0.001369 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°           |               | 0.000331 m2        |         |
| Coordinate system  |                   | CG              |                | Symmetry Type               |               | Rotosymmetrical    |         |
| Date   |                   | 16-02-2017      |                | Maximum Gamma Angle         |               | 180                |         |
| Measurement Distance   |                   | 0.00            |                | Measurement Flux            |               | 188 lm             |         |
| LED Flux=265.33lm LED Power=3.5W Eff=71% EfcLed=76lm/W EfcLum=54lm/W CCT=3000K Ra=90 SDCM=2 L90(20K)=118000h |                   |                 |                |                             |               |                    |         |
| C.I.E.   | 97 99 100 100 100 |                 |                | D DIN 5040                  | A60           |                    |         |
| F UTE  | --                |                 |                | B NBN                       | BZ 1          |                    |         |

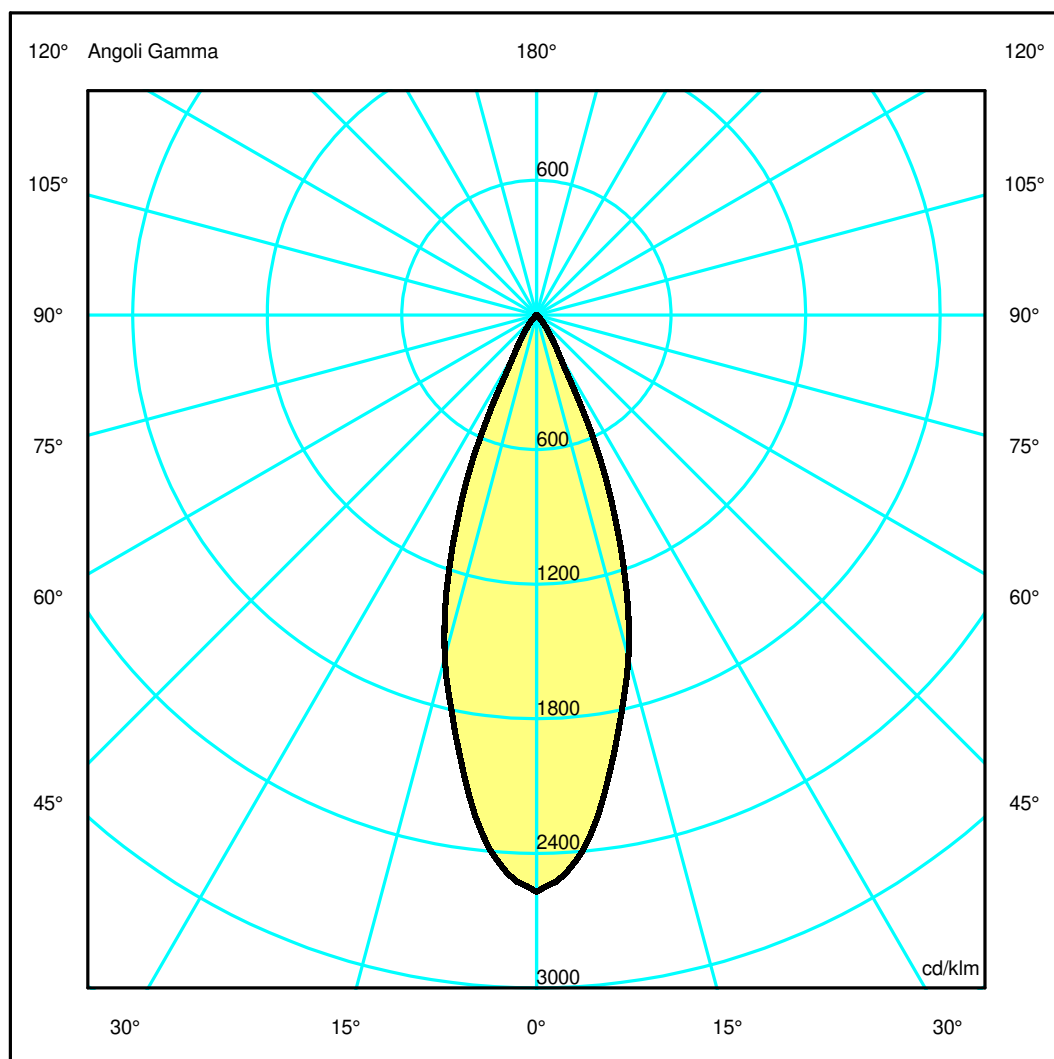
41mm x 45mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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## Measurem.

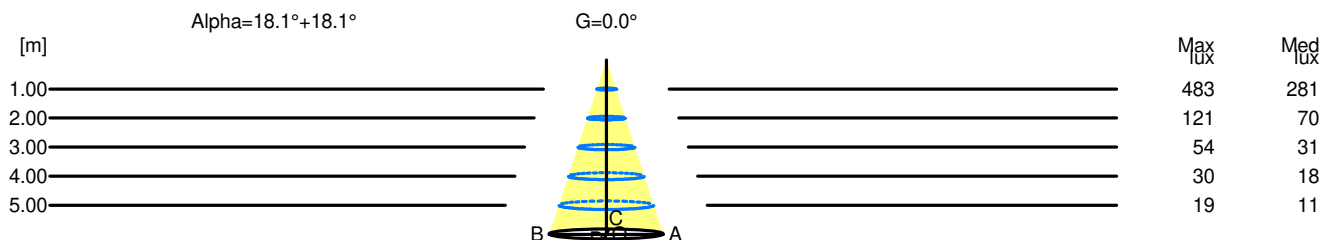
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Width at 50.00 % of Max Intensity

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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   | 0.33 | 0.66 | 0.98 | 1.31 | 1.64 | OC   | 0.33 | 0.66 | 0.98 | 1.31 | 1.64 |
| OB   | 0.33 | 0.66 | 0.98 | 1.31 | 1.64 | OD   | 0.33 | 0.66 | 0.98 | 1.31 | 1.64 |

|    |                                |        |        |        |       |      |      |      |      |      |
|----|--------------------------------|--------|--------|--------|-------|------|------|------|------|------|
|    | Luminous Intensities [ cd/klm] |        |        |        |       |      |      |      |      |      |
|    | 0                              | 5      | 15     | 25     | 35    | 45   | 55   | 65   | 75   | 85   |
| OA | 483.40                         | 449.65 | 297.42 | 106.96 | 18.87 | 4.45 | 1.16 | 0.62 | 0.40 | 0.16 |
| OB | 483.40                         | 449.65 | 297.42 | 106.96 | 18.87 | 4.45 | 1.16 | 0.62 | 0.40 | 0.16 |
| OC | 483.40                         | 449.65 | 297.42 | 106.96 | 18.87 | 4.45 | 1.16 | 0.62 | 0.40 | 0.16 |
| OD | 483.40                         | 449.65 | 297.42 | 106.96 | 18.87 | 4.45 | 1.16 | 0.62 | 0.40 | 0.16 |



| H[m] | D[m] | Max lux | Med lux | Alpha=18.1°+18.1° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.66 | 483     | 281     |                   |       |
| 2.00 | 1.31 | 121     | 70      |                   |       |
| 3.00 | 1.97 | 54      | 31      |                   |       |
| 4.00 | 2.62 | 30      | 18      |                   |       |
| 5.00 | 3.28 | 19      | 11      |                   |       |