

## Luminaire

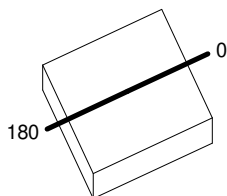
Code AF31201+AF95001  
Name SHARP SMD.1X 3W 927 XF EXD BCO+ SCREEN 1X WHITE

## Measurement

Code FTS1901800  
Name SHARP SMD.1X 3W 927 XF EXD BCO+ SCREEN 1X WHITE

|  |                   |                 |                |                             |               |                    |         |
|--|-------------------|-----------------|----------------|-----------------------------|---------------|--------------------|---------|
| Luminaire Flux   | 183 lm            | Luminaire Power | 3.5 W          | Efficacy                    | 52.223 lm/W   | Efficiency         | 100.00% |
| Source Flux  | 183 lm            | Maximum value   | 1406.35 cd/klm | Position                    | C=0.00 G=1.00 | 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   |                   | 17-07-2017      |                | Maximum Gamma Angle         |               | 180                |         |
| Measurement Distance   |                   | 0.00            |                | Measurement Flux            |               | 183 lm             |         |
| LED Flux=249.05lm LED Power=3.5W Eff=73% EfcLed=71lm/W EfcLum=52lm/W CCT=2700K 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          |                    |         |

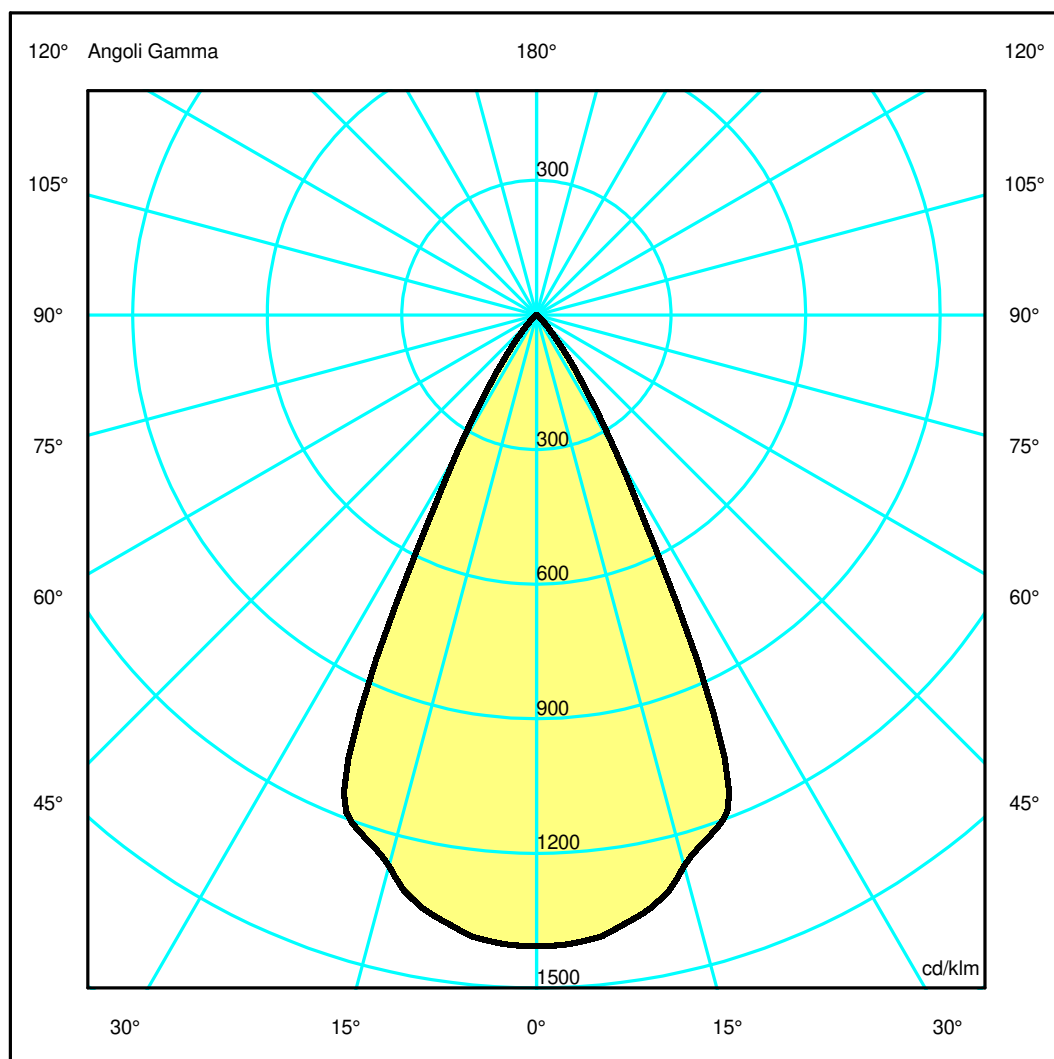
41mm x 45mm



Semipiani C

180.0 — 0.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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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   | 0.49 | 0.98 | 1.47 | 1.96 | 2.45 | OC   | 0.49 | 0.98 | 1.47 | 1.96 | 2.45 |
| OB   | 0.49 | 0.98 | 1.47 | 1.96 | 2.45 | OD   | 0.49 | 0.98 | 1.47 | 1.96 | 2.45 |

|    |                                |        |        |        |       |      |      |      |      |      |
|----|--------------------------------|--------|--------|--------|-------|------|------|------|------|------|
|    | Luminous Intensities [ cd/klm] |        |        |        |       |      |      |      |      |      |
|    | 0                              | 5      | 15     | 25     | 35    | 45   | 55   | 65   | 75   | 85   |
| OA | 257.05                         | 255.22 | 232.32 | 154.65 | 28.34 | 4.93 | 1.15 | 0.74 | 0.48 | 0.18 |
| OB | 257.05                         | 255.22 | 232.32 | 154.65 | 28.34 | 4.93 | 1.15 | 0.74 | 0.48 | 0.18 |
| OC | 257.05                         | 255.22 | 232.32 | 154.65 | 28.34 | 4.93 | 1.15 | 0.74 | 0.48 | 0.18 |
| OD | 257.05                         | 255.22 | 232.32 | 154.65 | 28.34 | 4.93 | 1.15 | 0.74 | 0.48 | 0.18 |

