

## Luminaire

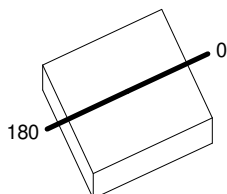
Code AF31605+AF95004  
Name SHARP SMD.1X 3W 940 FL EXD SIL+ SCREEN 1X BLACK

## Measurement

Code FTS1902075  
Name SHARP SMD.1X 3W 940 FL EXD SIL+ SCREEN 1X BLACK

|   |        |                 |                |                             |               |                    |         |
|---|--------|-----------------|----------------|-----------------------------|---------------|--------------------|---------|
| Luminaire Flux  | 212 lm | Luminaire Power | 3.5 W          | Efficacy                    | 60.474 lm/W   | Efficiency         | 100.00% |
| Source Flux   | 212 lm | Maximum value   | 5604.42 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  |        | 21-02-2017      |                | Maximum Gamma Angle         |               | 180                |         |
| Measurement Distance  |        | 0.00            |                | Measurement Flux            |               | 212 lm             |         |
| LED Flux=283.995lm LED Power=3.5W Eff=75% EfcLed=81lm/W EfcLum=60lm/W CCT=4000K 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    |

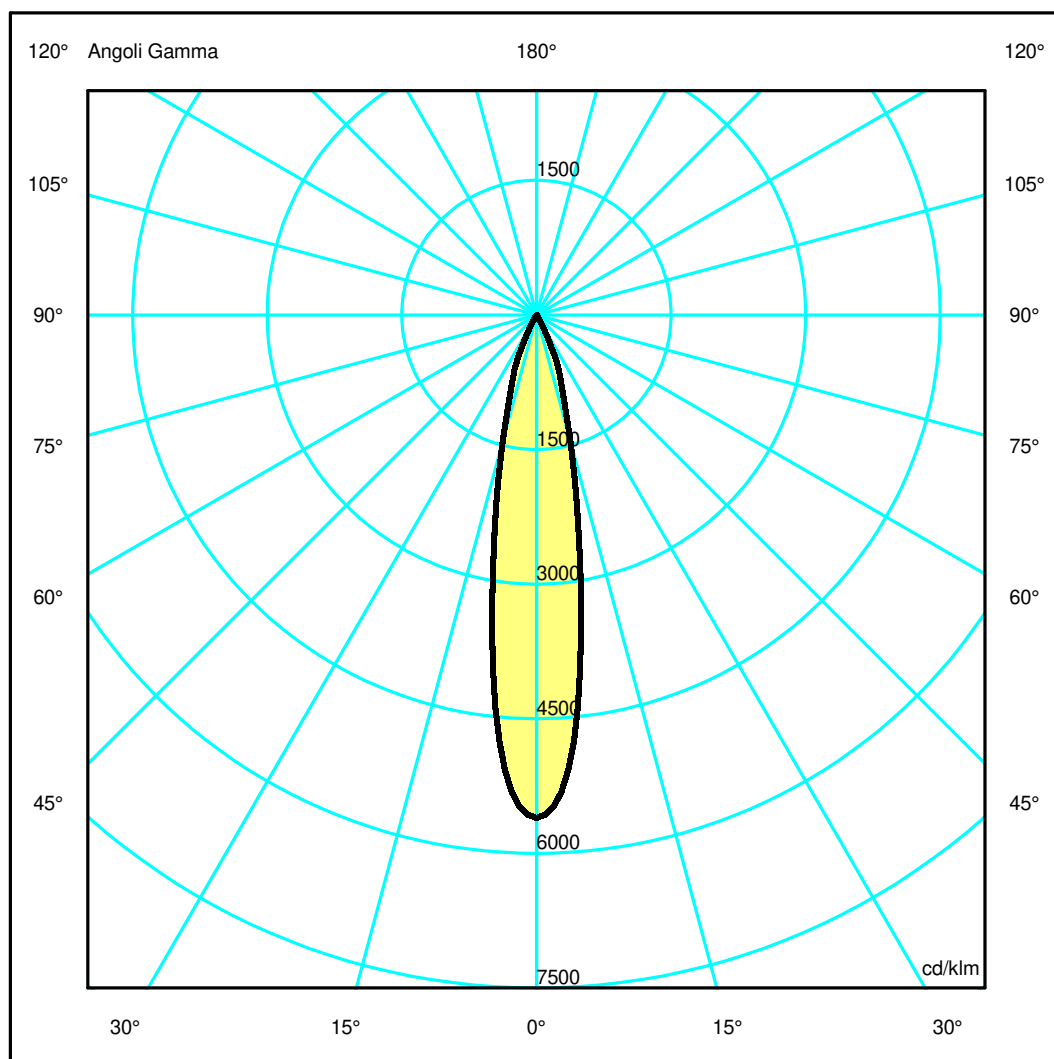
41mm x 45mm



Semipiani C

180.0 — 0.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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## Measurem.

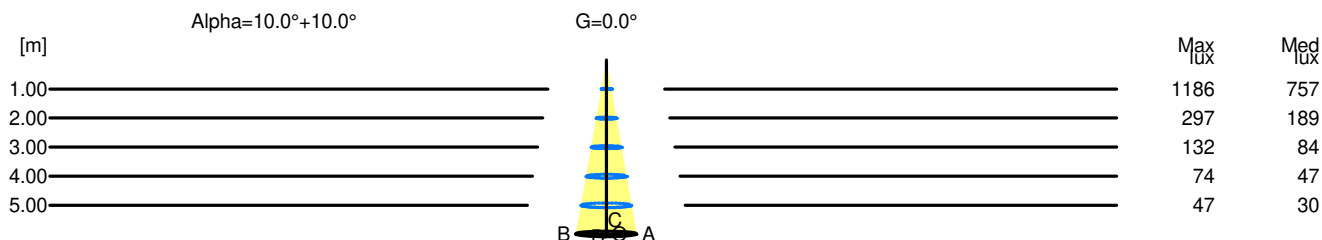
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Width at 50.00 % of Max Intensity

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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   | 0.18 | 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 | 1186.23                        | 1008.70 | 309.70 | 82.84 | 4.90 | 1.04 | 0.13 | 0.00 | 0.00 | 0.00 |
| OB | 1186.23                        | 1008.70 | 309.70 | 82.84 | 4.90 | 1.04 | 0.13 | 0.00 | 0.00 | 0.00 |
| OC | 1186.23                        | 1008.70 | 309.70 | 82.84 | 4.90 | 1.04 | 0.13 | 0.00 | 0.00 | 0.00 |
| OD | 1186.23                        | 1008.70 | 309.70 | 82.84 | 4.90 | 1.04 | 0.13 | 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 | 1186    | 757     |                   |       |
| 2.00 | 0.70 | 297     | 189     |                   |       |
| 3.00 | 1.05 | 132     | 84      |                   |       |
| 4.00 | 1.40 | 74      | 47      |                   |       |
| 5.00 | 1.75 | 47      | 30      |                   |       |