

## Luminaire

Code AF31805+AF95004  
Name SHARP SMD.1X 3W 940 XF EXD SIL+ SCREEN 1X BLACK

## Measurem.

Code FTS1902087  
Name SHARP SMD.1X 3W 940 XF EXD SIL+ SCREEN 1X BLACK

|   |        |                 |                |                             |               |                    |         |
|---|--------|-----------------|----------------|-----------------------------|---------------|--------------------|---------|
| Luminaire Flux  | 203 lm | Luminaire Power | 3.5 W          | Efficacy                    | 58.129 lm/W   | Efficiency         | 100.00% |
| Source Flux   | 203 lm | Maximum value   | 1430.97 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  |        | 17-07-2017      |                | Maximum Gamma Angle         |               | 180                |         |
| Measurement Distance  |        | 0.00            |                | Measurement Flux            |               | 203 lm             |         |
| LED Flux=283.995lm LED Power=3.5W Eff=72% EfcLed=81lm/W EfcLum=58lm/W CCT=4000K Ra=90 SDCM=2 L90(20K)=118000h |        |                 |                |                             |               |                    |         |
| C.I.E.  | 99     | 100             | 100            | 100                         | D DIN 5040    | A60                |         |
| F UTE   | --     |                 |                |                             | B NBN         | BZ 1               |         |

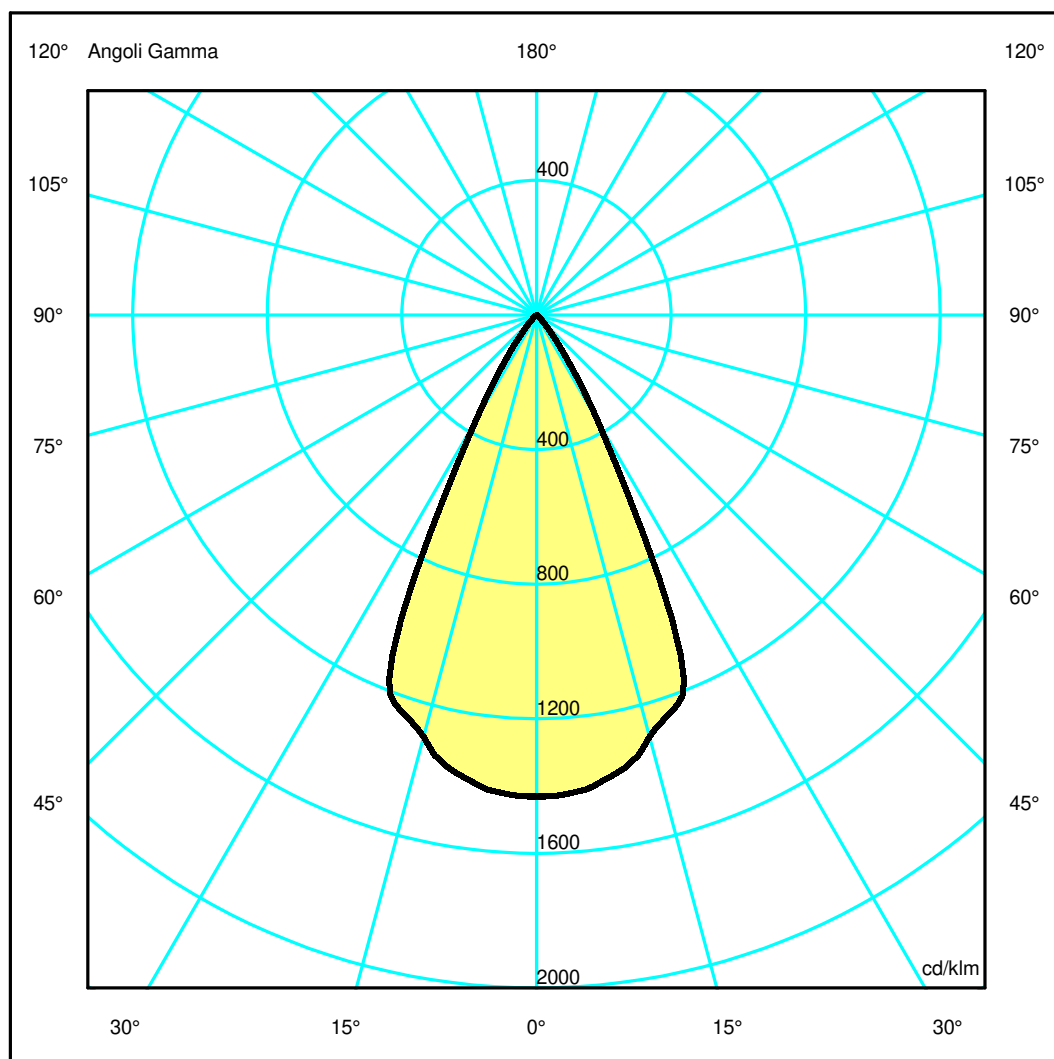
41mm x 45mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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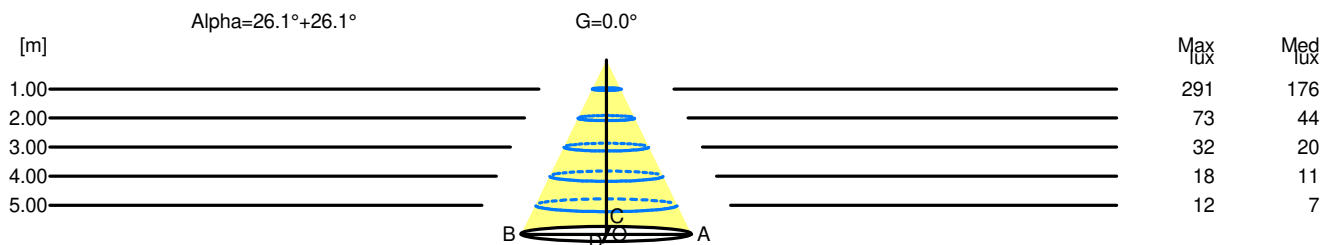
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|---|--------|-----------------|----------------|-----------------------------|---------------|--------------------|---------|
| Luminaire Flux  | 203 lm | Luminaire Power | 3.5 W          | Efficacy                    | 58.129 lm/W   | Efficiency         | 100.00% |
| Source Flux   | 203 lm | Maximum value   | 1430.97 cd/klm | Position                    | C=0.00 G=0.00 | CG Rotosymmetrical |         |
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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°           |               | 0.000331 m2        |         |
| Coordinate system   |        | CG              |                | Symmetry Type               |               | Rotosymmetrical    |         |
| Date  |        | 17-07-2017      |                | Maximum Gamma Angle         |               | 180                |         |
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| LED Flux=283.995lm LED Power=3.5W Eff=72% EfcLed=81lm/W EfcLum=58lm/W CCT=4000K Ra=90 SDCM=2 L90(20K)=118000h |        |                 |                |                             |               |                    |         |
| C.I.E.  | 99     | 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   | 0.49 | 0.98 | 1.47 | 1.96 | 2.44 | OC   | 0.49 | 0.98 | 1.47 | 1.96 | 2.44 |
| OB   | 0.49 | 0.98 | 1.47 | 1.96 | 2.44 | OD   | 0.49 | 0.98 | 1.47 | 1.96 | 2.44 |

|    |        |        |        |                                |       |      |      |      |      |      |  |
|----|--------|--------|--------|--------------------------------|-------|------|------|------|------|------|--|
|    |        |        |        | Luminous Intensities [ cd/klm] |       |      |      |      |      |      |  |
|    | 0      | 5      | 15     | 25                             | 35    | 45   | 55   | 65   | 75   | 85   |  |
| OA | 291.13 | 289.04 | 263.91 | 175.54                         | 31.08 | 4.53 | 0.35 | 0.00 | 0.00 | 0.00 |  |
| OB | 291.13 | 289.04 | 263.91 | 175.54                         | 31.08 | 4.53 | 0.35 | 0.00 | 0.00 | 0.00 |  |
| OC | 291.13 | 289.04 | 263.91 | 175.54                         | 31.08 | 4.53 | 0.35 | 0.00 | 0.00 | 0.00 |  |
| OD | 291.13 | 289.04 | 263.91 | 175.54                         | 31.08 | 4.53 | 0.35 | 0.00 | 0.00 | 0.00 |  |



| H[m] | D[m] | Max lux | Med lux | Alpha=26.1°+26.1° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.98 | 291     | 176     |                   |       |
| 2.00 | 1.96 | 73      | 44      |                   |       |
| 3.00 | 2.93 | 32      | 20      |                   |       |
| 4.00 | 3.91 | 18      | 11      |                   |       |
| 5.00 | 4.89 | 12      | 7       |                   |       |