

## Luminaire

Code AF85801+AF95201  
 Name SHARP SMD.16X 44W 927 WF ND BCO+ SCREEN 4X WHITE

## Measurem.

Code FTS1902206-A  
 Name SHARP SMD.16X 44W 927 WF ND BCO+ SCREEN 4X WHITE

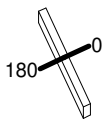
|                            |         |                 |                |                             |               |                 |                 |
|----------------------------|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux             | 3006 lm | Luminaire Power | 47.0 W         | Efficacy                    | 63.958 lm/W   | Efficiency      | 100.00%         |
| Source Flux                | 3006 lm | Maximum value   | 2570.73 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Rectangular Luminaire      |         | Length          | 596 mm         | Width                       | 45 mm         | Height          | 85 mm           |
| Rectangular Luminous Area  |         | Length          | 592 mm         | Width                       | 37 mm         | Height          | 0 mm            |
| Horizontal Luminous Area   |         | 0.021904 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°           |               | 0.005299 m2     |                 |
| Coordinate system          |         | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                       |         | 25-11-2021      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance       |         | 0.00            |                | Measurement Flux            |               | 3006 lm         |                 |

LED Flux=4242lm LED Power=44W Eff=71% EfcLed=96lm/W EfcLum=64lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=272160h

C.I.E. 97 99 100 100 100  
 F UTE --

D DIN 5040  
 B NBN  
 A60  
 BZ 1

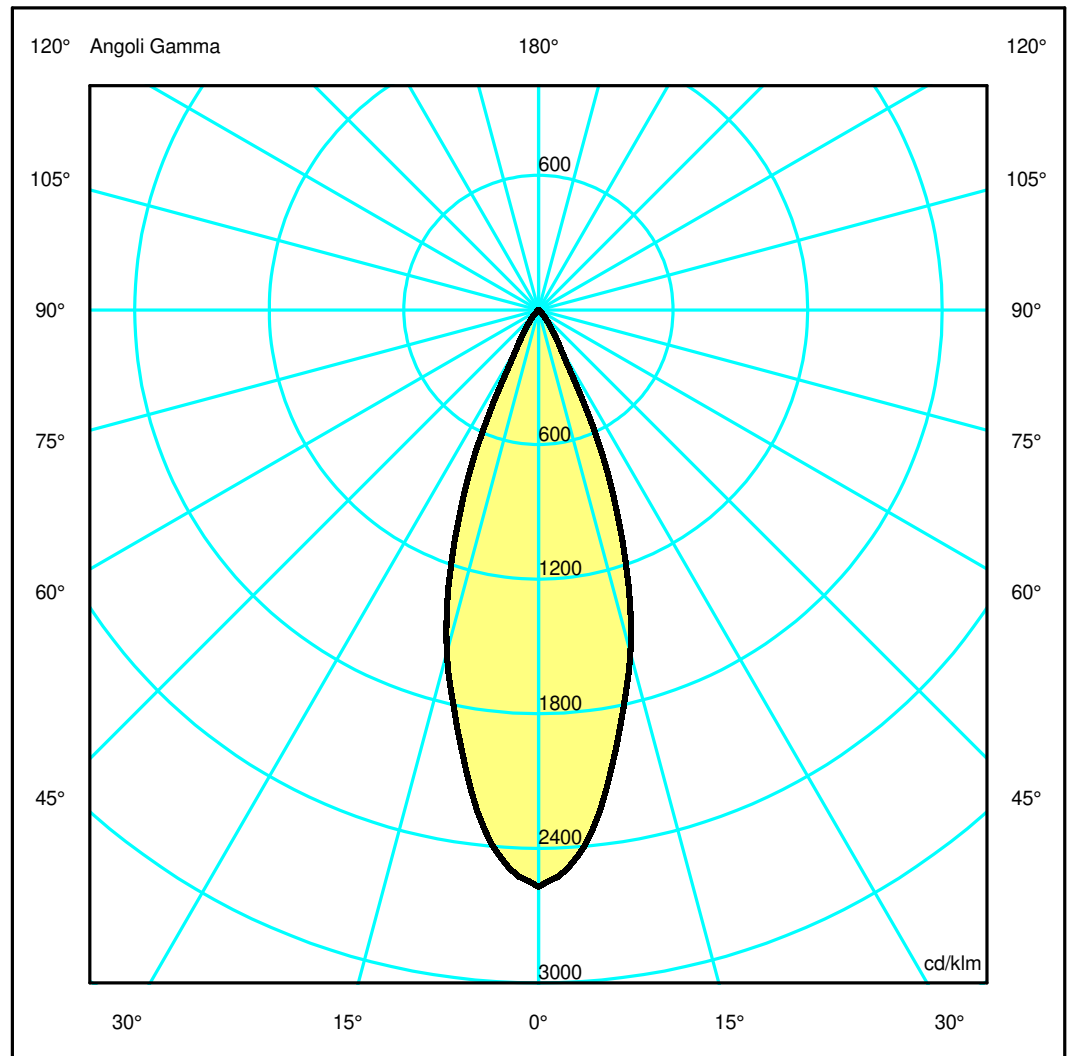
596mm x 45mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
 DLOR 100.00 %  
 RN 0.00 %



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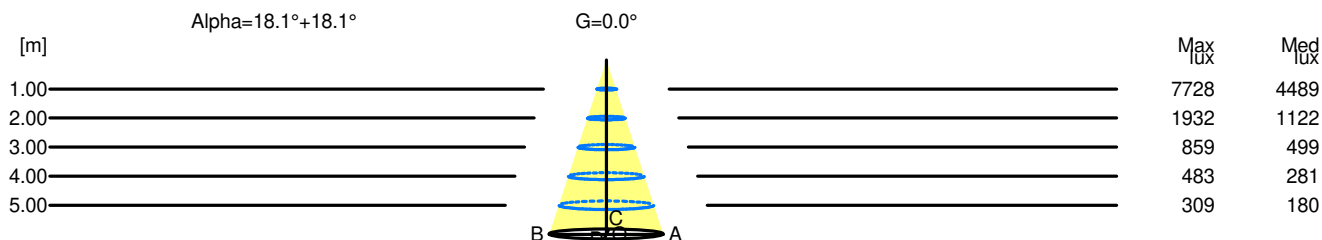
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|  |                   |                 |                |                             |               |                 |                 |
|--|-------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
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| Emitting area on Plane 90°   |                   | 0.000000 m2     |                | Glare area at 76°           |               | 0.005299 m2     |                 |
| Coordinate system  |                   | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date   |                   | 25-11-2021      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance   |                   | 0.00            |                | Measurement Flux            |               | 3006 lm         |                 |
| LED Flux=4242lm LED Power=44W Eff=71% EfcLed=96lm/W EfcLum=64lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=272160h |                   |                 |                |                             |               |                 |                 |
| C.I.E.   | 97 99 100 100 100 |                 |                | 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   | 0.33 | 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 | 7727.68                         | 7188.18 | 4754.54 | 1709.93 | 301.74 | 71.18 | 18.47 | 9.98 | 6.45 | 2.52 |
| OB | 7727.68                         | 7188.18 | 4754.54 | 1709.93 | 301.74 | 71.18 | 18.47 | 9.98 | 6.45 | 2.52 |
| OC | 7727.68                         | 7188.18 | 4754.54 | 1709.93 | 301.74 | 71.18 | 18.47 | 9.98 | 6.45 | 2.52 |
| OD | 7727.68                         | 7188.18 | 4754.54 | 1709.93 | 301.74 | 71.18 | 18.47 | 9.98 | 6.45 | 2.52 |



| H[m] | D[m] | Max lux | Med lux | Alpha=18.1°+18.1° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.66 | 7728    | 4489    |                   |       |
| 2.00 | 1.31 | 1932    | 1122    |                   |       |
| 3.00 | 1.97 | 859     | 499     |                   |       |
| 4.00 | 2.62 | 483     | 281     |                   |       |
| 5.00 | 3.28 | 309     | 180     |                   |       |