

Luminaire

Code AF41954
Name SHARP SMD.4X 12W 927 WW BCO/NRO

Measurement

Code FTS1903482
Name SHARP SMD.4X 12W 927 WW BCO/NRO

| | | | | | | | |
|----------------------------|--------|-------------------------|----------------|-----------------------------|-----------------|-------------------------|----------------------|
| Luminaire Flux | 624 lm | Luminaire Power | 12.0 W | Efficacy | 52.017 lm/W | Efficiency | 100.00% |
| Source Flux | 624 lm | Maximum value | 1103.17 cd/klm | Position | C=175.00 G=9.00 | CG | Sym. on planes 0-180 |
| Rectangular Luminaire | | Length | 152 mm | Width | 45 mm | Height | 90 mm |
| Rectangular Luminous Area | | Length | 148 mm | Width | 32 mm | Height | 0 mm |
| Horizontal Luminous Area | | 0.004736 m ² | | Emitting area on Plane 180° | | 0.000000 m ² | |
| Emitting area on Plane 0° | | 0.000000 m ² | | Emitting area on Plane 270° | | 0.000000 m ² | |
| Emitting area on Plane 90° | | 0.000000 m ² | | Glare area at 76° | | 0.001146 m ² | |
| Coordinate system | | CG | | Symmetry Type | | Sym. on planes 0-180 | |
| Date | | 11-11-2021 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 624 lm | |

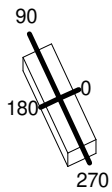
LED Flux=1039lm LED Power=11W Eff=60% EfcLed=94lm/W EfcLum=52lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=272160h

C.I.E. 73 92 98 100 100
F UTE 1.00 B

D DIN 5040
B NBN

A60
BZ 1 / 1 / BZ 2

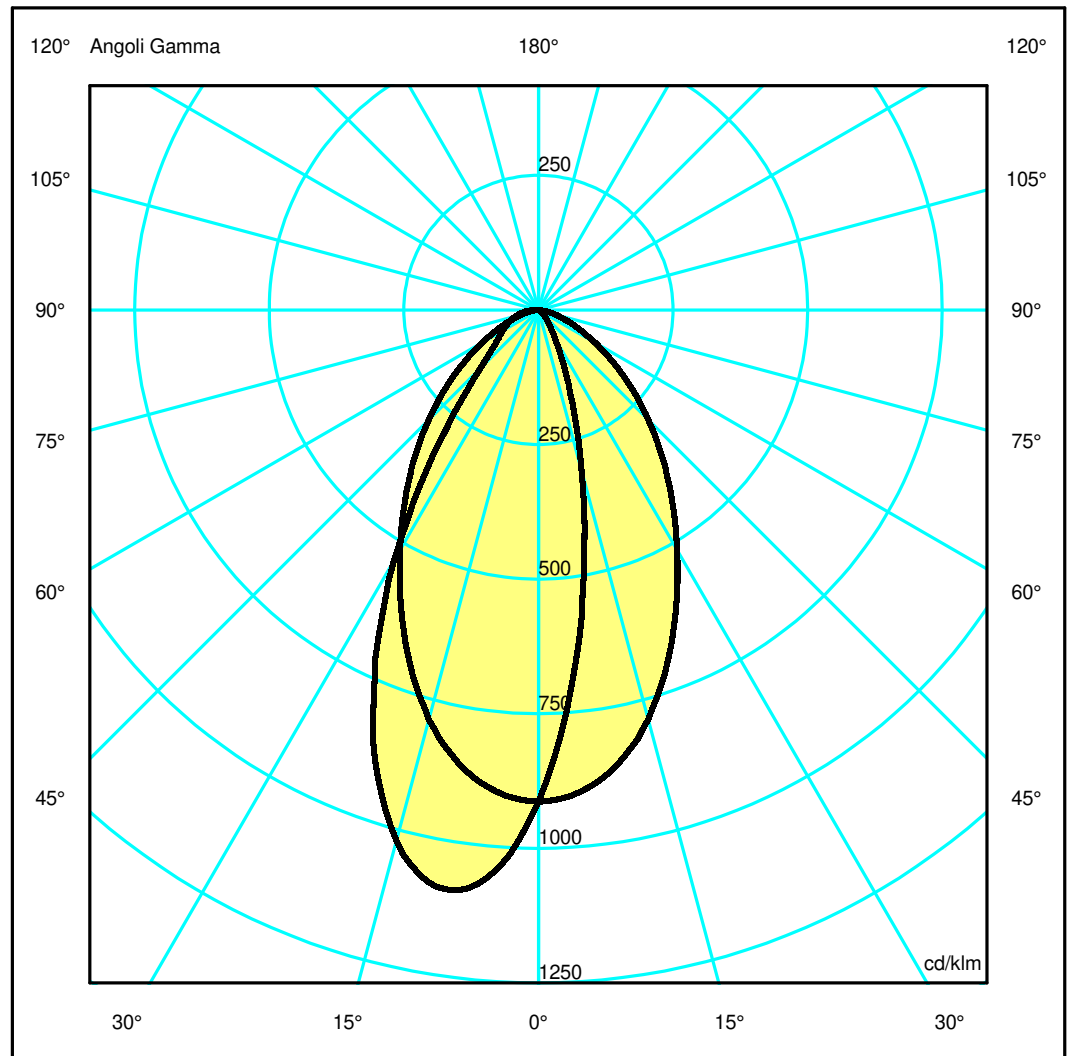
152mm x 45mm



Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 0.18 %
DLOR 99.82 %
RN 0.18 %



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Measurerm.

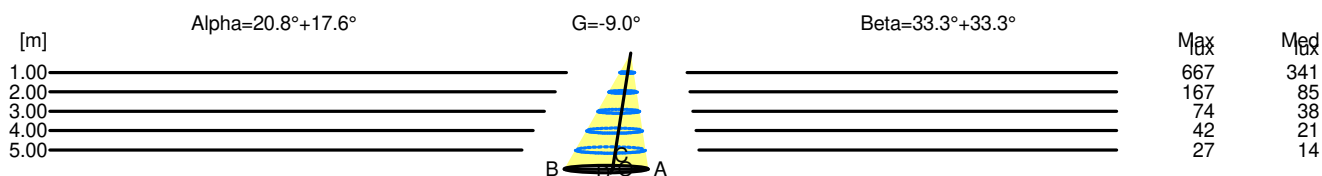
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|--|------------------|-----------------|----------------|-----------------------------|-----------------|----------------------|----------------------|
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| Rectangular Luminaire | | Length | 152 mm | Width | 45 mm | Height | 90 mm |
| Rectangular Luminous Area | | Length | 148 mm | Width | 32 mm | Height | 0 mm |
| Horizontal Luminous Area | | 0.004736 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° | | 0.001146 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Sym. on planes 0-180 | |
| Date | | 11-11-2021 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 624 lm | |
| LED Flux=1039lm LED Power=11W Eff=60% EfcLed=94lm/W EfcLum=52lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=272160h | | | | | | | |
| C.I.E. | 73 92 98 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | 1.00 B | | | B NBN | BZ 1 / 1 / BZ 2 | | |

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 | 0.31 | 0.62 | 0.93 | 1.24 | 1.55 | OC | 0.67 | 1.33 | 2.00 | 2.66 | 3.33 |
| OB | 0.41 | 0.83 | 1.24 | 1.66 | 2.07 | OD | 0.67 | 1.33 | 2.00 | 2.66 | 3.33 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|--------------------------------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 569.85 | 437.25 | 191.73 | 66.26 | 23.57 | 9.68 | 1.94 | 0.61 | 0.57 | 0.41 |
| OB | 569.85 | 659.16 | 637.03 | 448.50 | 225.61 | 95.11 | 56.31 | 40.70 | 27.54 | 13.30 |
| OC | 569.85 | 560.40 | 491.30 | 377.51 | 269.83 | 179.87 | 105.78 | 51.86 | 19.44 | 1.80 |
| OD | 569.85 | 560.40 | 491.30 | 377.51 | 269.83 | 179.87 | 105.78 | 51.86 | 19.44 | 1.80 |



| H[m] | D[m] | Max lux | Med lux | Alpha=20.8°+17.6° | G=-9.0 |
|------|------|---------|---------|-------------------|--------|
| 1.00 | 0.72 | 667 | 341 | | |
| 2.00 | 1.45 | 167 | 85 | | |
| 3.00 | 2.17 | 74 | 38 | | |
| 4.00 | 2.90 | 42 | 21 | | |
| 5.00 | 3.62 | 27 | 14 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=33.3°+33.3° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 1.33 | 667 | 341 | | |
| 2.00 | 2.66 | 167 | 85 | | |
| 3.00 | 3.99 | 74 | 38 | | |
| 4.00 | 5.32 | 42 | 21 | | |
| 5.00 | 6.65 | 27 | 14 | | |