

Luminaire

Code AF82954
Name SHARP SMD.12X 33W 927 WW DIM BCO/NRO

Measurement

Code FTS1903517-A
Name SHARP SMD.12X 33W 927 WW DIM BCO/NRO

| | | | | | | | |
|----------------------------|---------|-----------------|----------------|-----------------------------|-----------------|----------------------|----------------------|
| Luminaire Flux | 1873 lm | Luminaire Power | 37.0 W | Efficacy | 50.611 lm/W | Efficiency | 100.00% |
| Source Flux | 1873 lm | Maximum value | 1103.17 cd/klm | Position | C=175.00 G=9.00 | CG | Sym. on planes 0-180 |
| Rectangular Luminaire | | Length | 450 mm | Width | 45 mm | Height | 85 mm |
| Rectangular Luminous Area | | Length | 440 mm | Width | 32 mm | Height | 0 mm |
| Horizontal Luminous Area | | 0.014080 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° | | 0.003406 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 | | 1873 lm | |

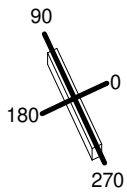
LED Flux=3118lm LED Power=33W Eff=60% EfcLed=94lm/W EfcLum=51lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=272160h

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

D DIN 5040
B NBN

A60
BZ 1 / 1 / BZ 2

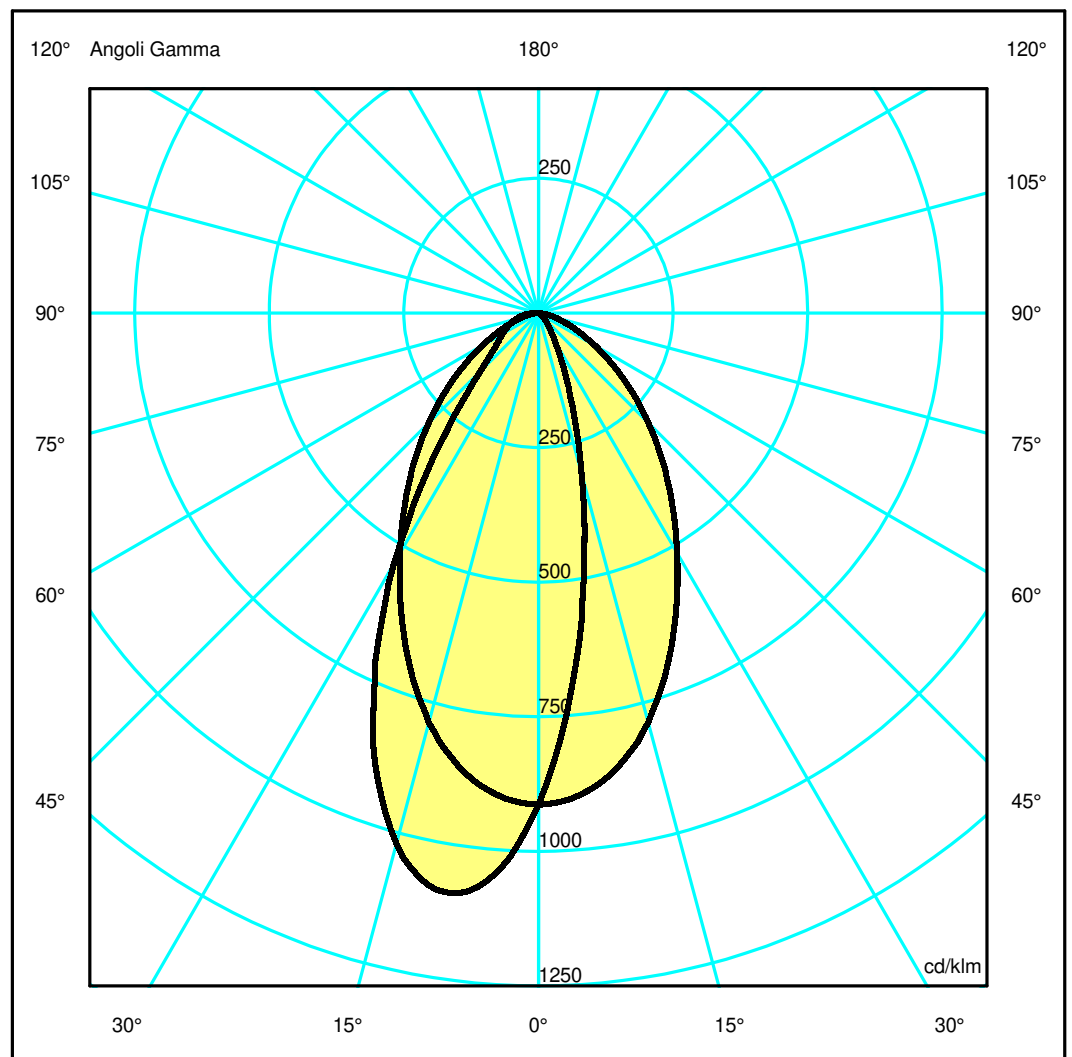
450mm x 45mm



Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 0.18 %
DLOR 99.82 %
RN 0.18 %



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| Measurement Distance | | 0.00 | | Measurement Flux | | 1873 lm | |

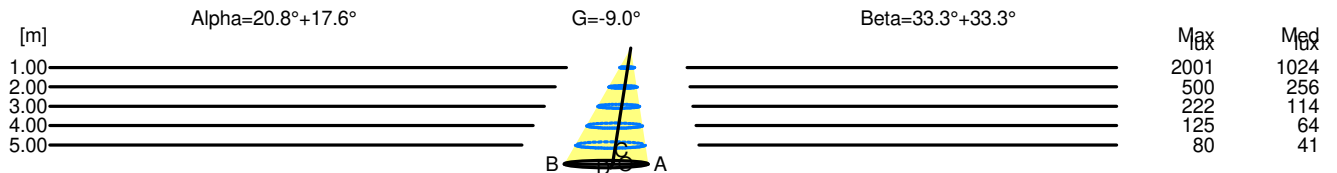
LED Flux=3118lm LED Power=33W Eff=60% EfcLed=94lm/W EfcLum=51lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=272160h

| | | | |
|--------|------------------|------------|-----------------|
| 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 | 1709.55 | 1311.75 | 575.18 | 198.78 | 70.71 | 29.05 | 5.83 | 1.83 | 1.70 | 1.23 |
| OB | 1709.55 | 1977.48 | 1911.09 | 1345.50 | 676.84 | 285.33 | 168.94 | 122.11 | 82.61 | 39.90 |
| OC | 1709.55 | 1681.20 | 1473.90 | 1132.53 | 809.50 | 539.61 | 317.35 | 155.58 | 58.31 | 5.40 |
| OD | 1709.55 | 1681.20 | 1473.90 | 1132.53 | 809.50 | 539.61 | 317.35 | 155.58 | 58.31 | 5.40 |



| H[m] | D[m] | Max lux | Med lux | Alpha=20.8°+17.6° | G=-9.0 |
|------|------|---------|---------|-------------------|--------|
| 1.00 | 0.72 | 2001 | 1024 | | |
| 2.00 | 1.45 | 500 | 256 | | |
| 3.00 | 2.17 | 222 | 114 | | |
| 4.00 | 2.90 | 125 | 64 | | |
| 5.00 | 3.62 | 80 | 41 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=33.3°+33.3° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 1.33 | 2001 | 1024 | | |
| 2.00 | 2.66 | 500 | 256 | | |
| 3.00 | 3.99 | 222 | 114 | | |
| 4.00 | 5.32 | 125 | 64 | | |
| 5.00 | 6.65 | 80 | 41 | | |