

Luminaire

Code T050110
Name KNOP 90 SILVER

Measurement

Code FTS2400483
Name KNOP 90 SILVER

| | | | | | | | |
|---|-----------------|-----------------|---------------|-----------------------------|----------------|-----------------|-----------------|
| Luminaire Flux | 760 lm | Luminaire Power | 11.0 W | Efficacy | 69.092 lm/W | Efficiency | 100.00% |
| Source Flux | 760 lm | Maximum value | 334.35 cd/klm | Position | C=0.00 G=24.00 | CG | Rotosymmetrical |
| Round Luminaire | | Diam. | 315 mm | Height | 68 mm | | |
| Round Luminous Area | | Diam. | 308 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | | 0.074506 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° | | | 0.018025 m2 |
| Coordinate system | | CG | | Symmetry Type | | Rotosymmetrical | |
| Date | | 29-08-2024 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 760 lm | |
| LED Flux=1233lm LED Power=9W Eff=62% EfcLed=137lm/W EfcLum=69lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(19k)=105000h | | | | | | | |
| C.I.E. | 51 84 97 98 100 | | | D DIN 5040 | A41 | | |
| F UTE | 0.98 D + 0.02 T | | | B NBN | BZ 4 | | |

Diam=315mm



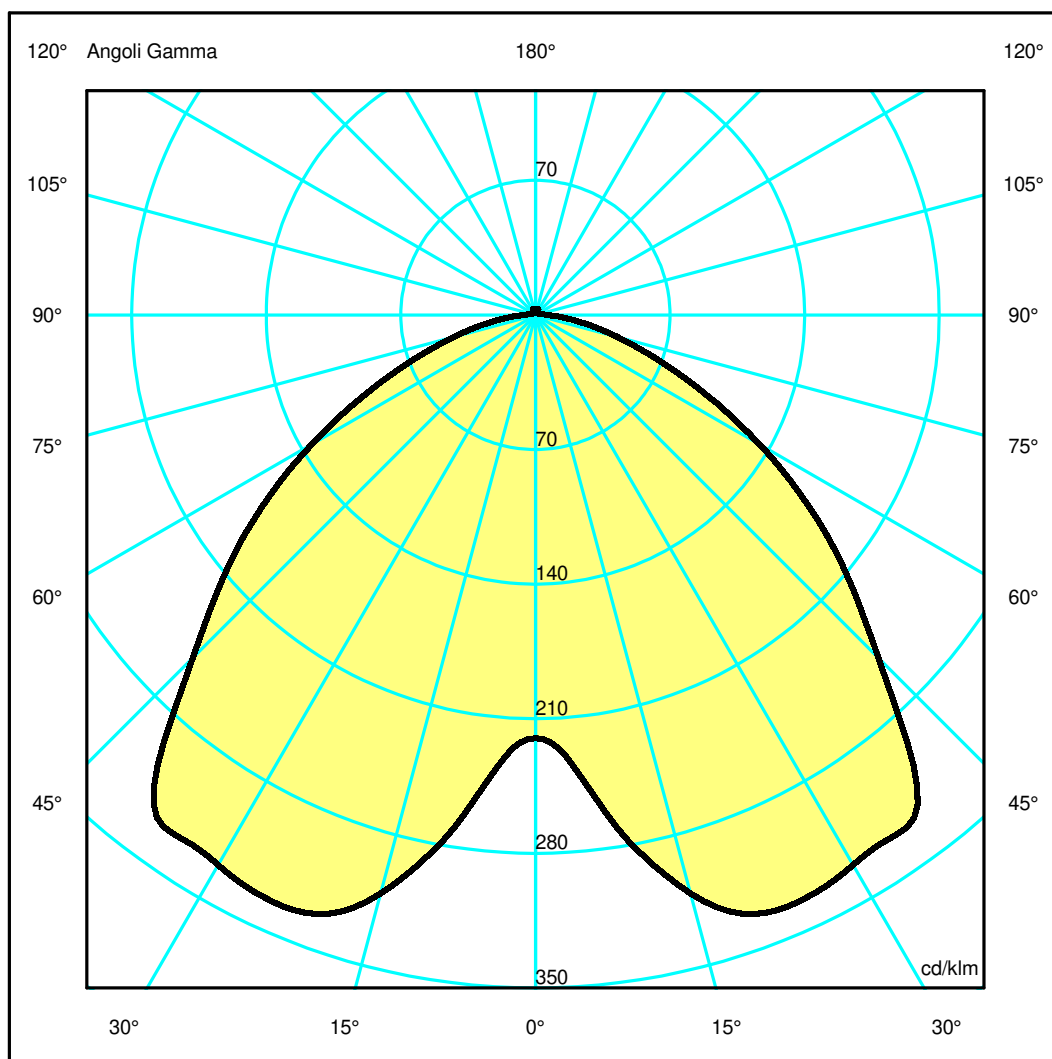
Semipiani C

180.0 ——— 0.0

ULOR 1.62 %

DLOR 98.38 %

RN 1.62 %



Luminaire

Code T050110
Name KNOP 90 SILVER

Measurment.

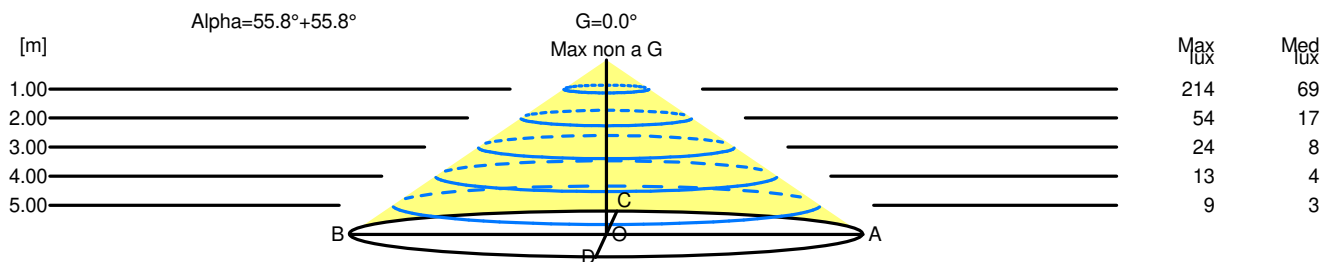
Code FTS2400483
Name KNOP 90 SILVER

| | | | | | | | |
|---|-----------------|-----------------|---------------|-----------------------------|----------------|-----------------|-----------------|
| Luminaire Flux | 760 lm | Luminaire Power | 11.0 W | Efficacy | 69.092 lm/W | Efficiency | 100.00% |
| Source Flux | 760 lm | Maximum value | 334.35 cd/klm | Position | C=0.00 G=24.00 | CG | Rotosymmetrical |
| Round Luminaire | | Diam. | 315 mm | Height | 68 mm | | |
| Round Luminous Area | | Diam. | 308 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | 0.074506 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° | | 0.018025 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Rotosymmetrical | |
| Date | | 29-08-2024 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 760 lm | |
| LED Flux=1233lm LED Power=9W Eff=62% EfcLed=137lm/W EfcLum=69lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(19k)=105000h | | | | | | | |
| C.I.E. | 51 84 97 98 100 | | | D DIN 5040 | A41 | | |
| F UTE | 0.98 D + 0.02 T | | | B NBN | BZ 4 | | |

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 | 1.47 | 2.94 | 4.42 | 5.89 | 7.36 | OC | 1.47 | 2.94 | 4.42 | 5.89 | 7.36 |
| OB | 1.47 | 2.94 | 4.42 | 5.89 | 7.36 | OD | 1.47 | 2.94 | 4.42 | 5.89 | 7.36 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|---------------------------------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 167.28 | 180.05 | 236.67 | 253.97 | 250.11 | 191.62 | 131.97 | 74.43 | 33.40 | 10.93 |
| OB | 167.28 | 180.05 | 236.67 | 253.97 | 250.11 | 191.62 | 131.97 | 74.43 | 33.40 | 10.93 |
| OC | 167.28 | 180.05 | 236.67 | 253.97 | 250.11 | 191.62 | 131.97 | 74.43 | 33.40 | 10.93 |
| OD | 167.28 | 180.05 | 236.67 | 253.97 | 250.11 | 191.62 | 131.97 | 74.43 | 33.40 | 10.93 |



| H[m] | D[m] | Max lux | Med lux | Alpha=55.8°+55.8° | G=0.0 Max non a G |
|------|-------|---------|---------|-------------------|----------------------|
| 1.00 | 2.94 | 214 | 69 | | |
| 2.00 | 5.89 | 54 | 17 | | |
| 3.00 | 8.83 | 24 | 8 | | |
| 4.00 | 11.78 | 13 | 4 | | |
| 5.00 | 14.72 | 9 | 3 | | |