

## Luminaire

Code T050010  
Name KNOP 45 SILVER

## Measurement

Code FTS2400483  
Name KNOP 45 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          |

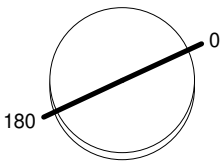
LED Flux=1233lm LED Power=9W Eff=62% EfcLed=137lm/W EfcLum=69lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(19k)=105000h

C.I.E. 51 84 97 98 100  
F UTE 0.98 D + 0.02 T

D DIN 5040  
B NBN

A41  
BZ 4

Diam=315mm



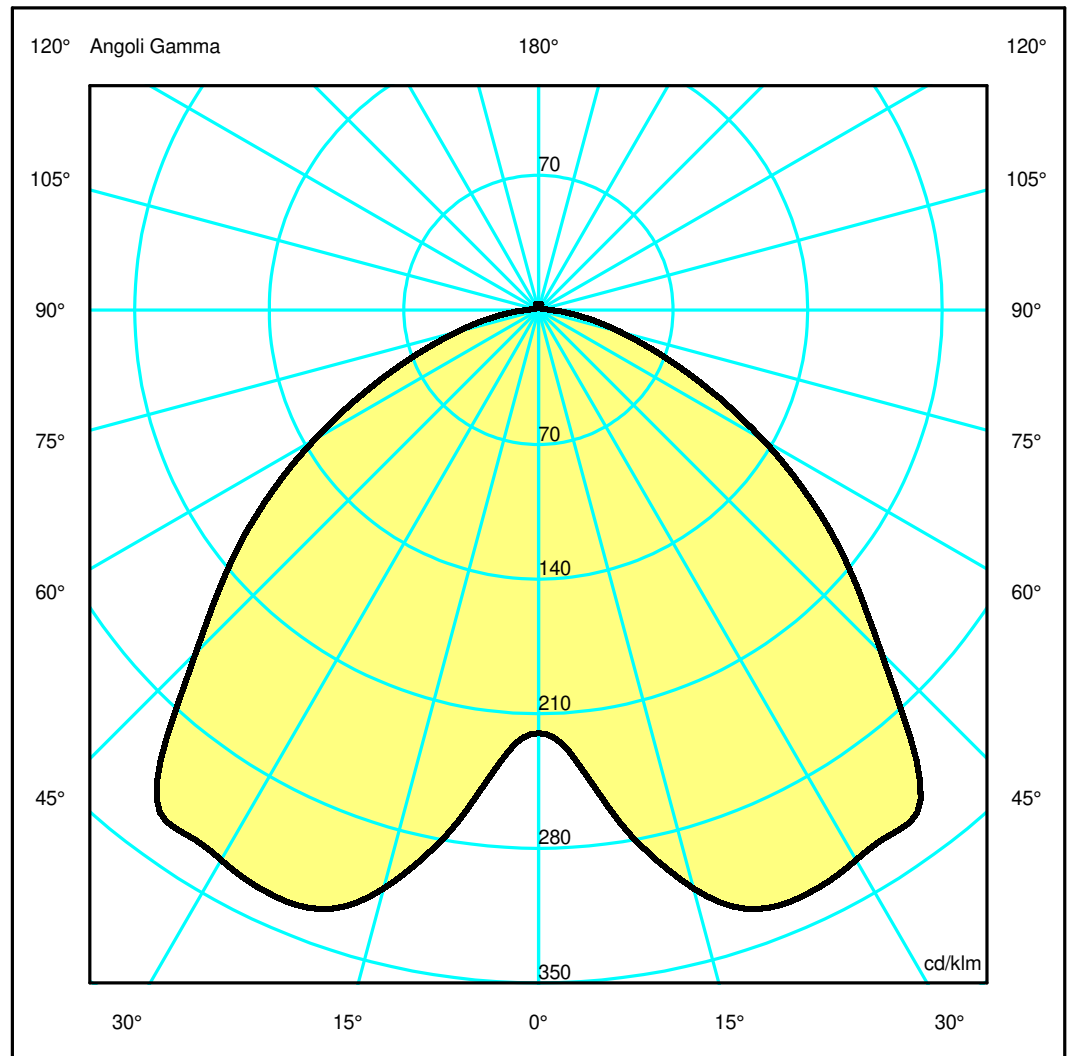
Semipiani C

180.0 ——— 0.0

ULOR 1.62 %

DLOR 98.38 %

RN 1.62 %



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## Measur.

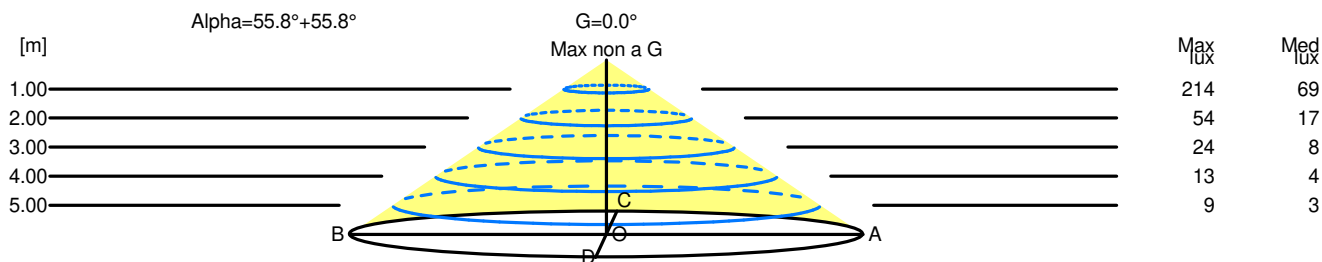
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|   |                 |                         |               |                             |                |                         |                 |
|---|-----------------|-------------------------|---------------|-----------------------------|----------------|-------------------------|-----------------|
| 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 m <sup>2</sup> |               | Emitting area on Plane 180° |                | 0.000000 m <sup>2</sup> |                 |
| Emitting area on Plane 0°   |                 | 0.000000 m <sup>2</sup> |               | Emitting area on Plane 270° |                | 0.000000 m <sup>2</sup> |                 |
| Emitting area on Plane 90°  |                 | 0.000000 m <sup>2</sup> |               | Glare area at 76°           |                | 0.018025 m <sup>2</sup> |                 |
| 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<br>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       |                   |                      |