

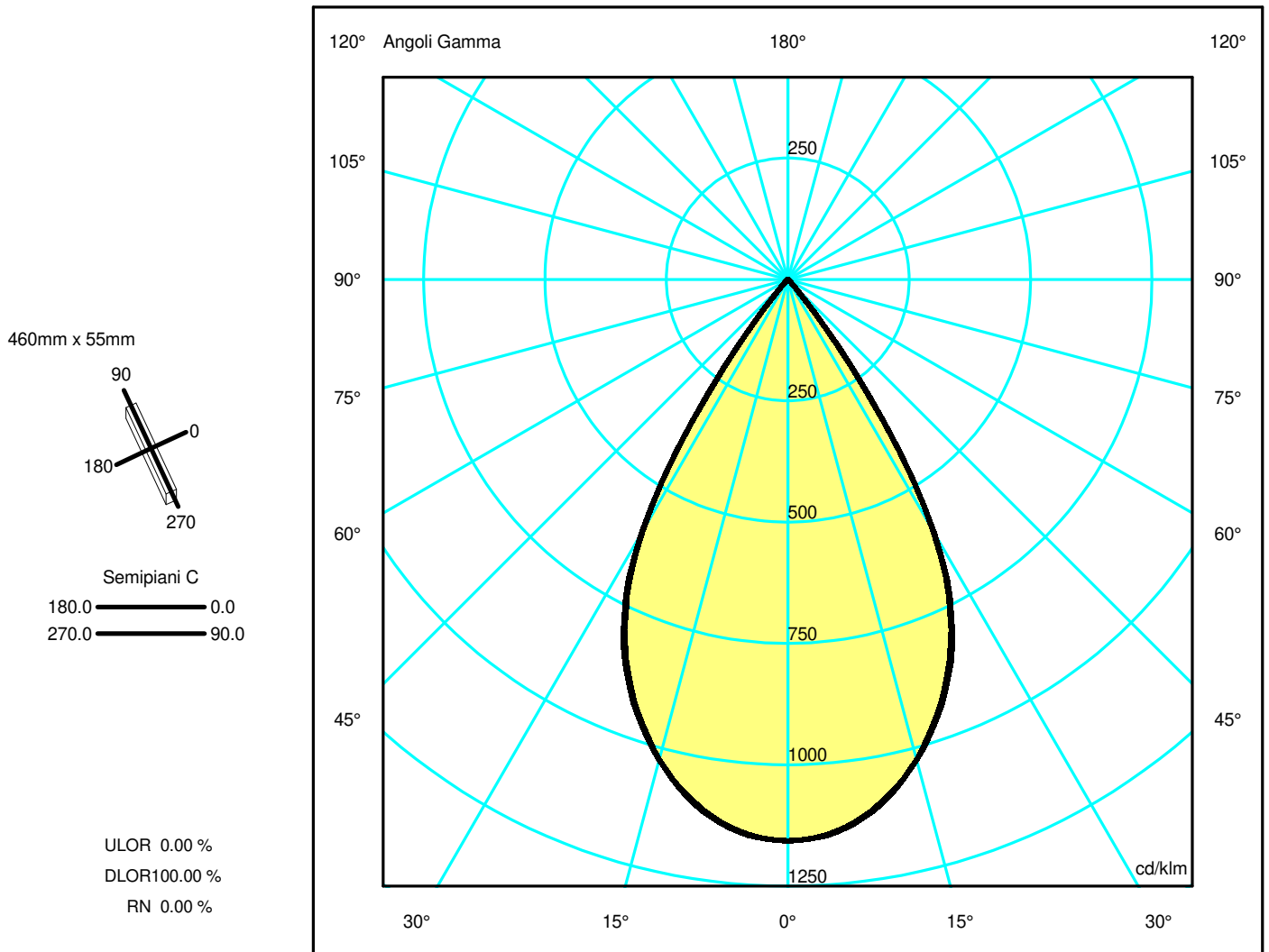
Luminaire

Code CE15401IN0+BZ07304
 Name SHARP REFRACTIVE TRIM 12 UNIT WI WF BCO + SHARP REFRACTIVE KIT LOUVRES 3 UNIT NRO

Measurement

Code FTS2200297-A
 Name SHARP REFRACTIVE TRIM 12 UNIT WI WF BCO + SHARP REFRACTIVE KIT LOUVRES 3 UNIT NRO

| | | | | | | | |
|---|--------------------|-----------------|----------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux | 3189 lm | Luminaire Power | 24.0 W | Efficacy | 132.888 lm/W | Efficiency | 100.00% |
| Source Flux | 3189 lm | Maximum value | 1156.50 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |
| Rectangular Luminaire | | Length | 460 mm | Width | 55 mm | Height | 55 mm |
| Rectangular Luminous Area | | Length | 420 mm | Width | 35 mm | Height | 0 mm |
| Horizontal Luminous Area | | 0.014700 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° | | 0.003556 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Double Symmetrical | |
| Date | | 08-02-2023 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 3189 lm | |
| LED Flux=3964lm LED Power=24W Eff=80% EfcLed=165lm/W EfcLum=133lm/W CCT=5000K Ra=90 SDCM=3 L70(6K)=50000h | | | | | | | |
| C.I.E. | 98 100 100 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | -- | | | B NBN | BZ 1 | | |



Luminaire

Code CE15401IN0+BZ07304
 Name SHARP REFRACTIVE TRIM 12 UNIT WI WF BCO + SHARP REFRACTIVE KIT LOUVRES 3 UNIT NRO

Measurement

Code FTS2200297-A
 Name SHARP REFRACTIVE TRIM 12 UNIT WI WF BCO + SHARP REFRACTIVE KIT LOUVRES 3 UNIT NRO

| | | | | | | | |
|----------------------------|---------|-----------------|----------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux | 3189 lm | Luminaire Power | 24.0 W | Efficacy | 132.888 lm/W | Efficiency | 100.00% |
| Source Flux | 3189 lm | Maximum value | 1156.50 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |
| Rectangular Luminaire | | Length | 460 mm | Width | 55 mm | Height | 55 mm |
| Rectangular Luminous Area | | Length | 420 mm | Width | 35 mm | Height | 0 mm |
| Horizontal Luminous Area | | 0.014700 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° | | 0.003556 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Double Symmetrical | |
| Date | | 08-02-2023 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 3189 lm | |

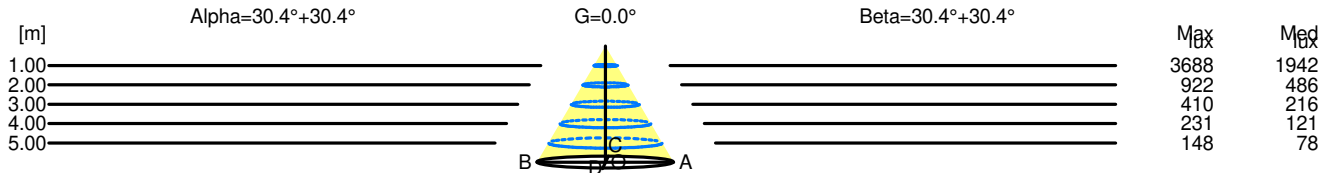
LED Flux=3964lm LED Power=24W Eff=80% EfcLed=165lm/W EfcLum=133lm/W CCT=5000K Ra=90 SDCM=3 L70(6K)=50000h

| | | | | | | | |
|--------|----|-----|-----|-----|-----|------------|------|
| C.I.E. | 98 | 100 | 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 | 0.59 | 1.18 | 1.76 | 2.35 | 2.94 | OC | 0.59 | 1.17 | 1.76 | 2.34 | 2.93 |
| OB | 0.59 | 1.18 | 1.76 | 2.35 | 2.94 | OD | 0.59 | 1.17 | 1.76 | 2.34 | 2.93 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|---------------------------------|---------|---------|---------|--------|-------|------|------|------|------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 3688.44 | 3640.03 | 3266.25 | 2556.17 | 897.16 | 30.87 | 6.91 | 2.14 | 1.39 | 0.84 |
| OB | 3688.44 | 3640.03 | 3266.25 | 2556.17 | 897.16 | 30.87 | 6.91 | 2.14 | 1.39 | 0.84 |
| OC | 3688.44 | 3645.22 | 3267.86 | 2539.72 | 918.10 | 31.16 | 7.45 | 2.06 | 1.28 | 0.79 |
| OD | 3688.44 | 3645.22 | 3267.86 | 2539.72 | 918.10 | 31.16 | 7.45 | 2.06 | 1.28 | 0.79 |



| H[m] | D[m] | Max lux | Med lux | Alpha=30.4°+30.4° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.18 | 3688 | 1942 | | |
| 2.00 | 2.35 | 922 | 486 | | |
| 3.00 | 3.53 | 410 | 216 | | |
| 4.00 | 4.70 | 231 | 121 | | |
| 5.00 | 5.88 | 148 | 78 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=30.4°+30.4° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 1.17 | 3688 | 1942 | | |
| 2.00 | 2.34 | 922 | 486 | | |
| 3.00 | 3.52 | 410 | 216 | | |
| 4.00 | 4.69 | 231 | 121 | | |
| 5.00 | 5.86 | 148 | 78 | | |