

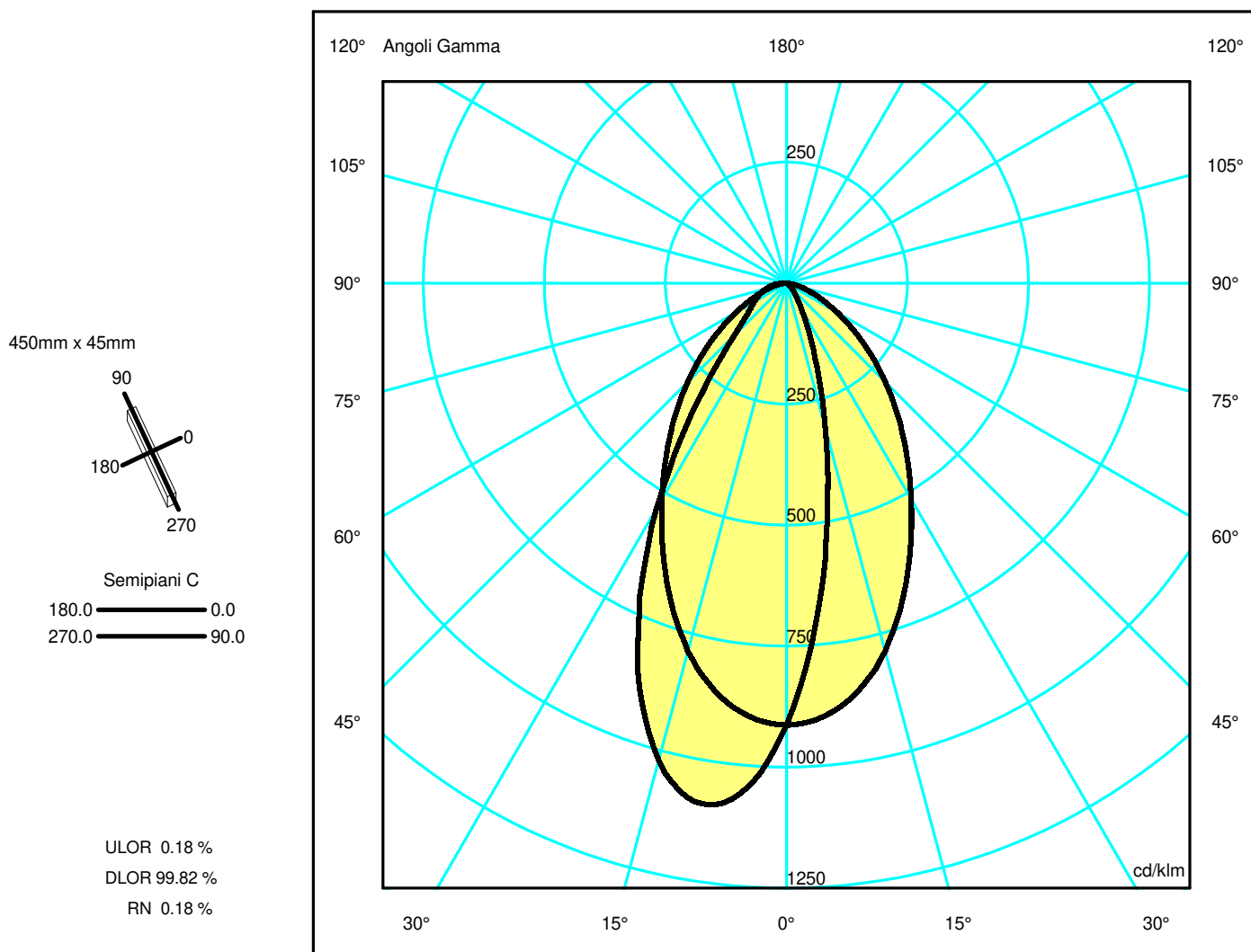
## Luminaire

Code AF20654  
Name SHARP RCS.TRIM.12X 32W 927 WW BCO/NRO

## Measurum.

Code FTS2000147-A  
Name SHARP RCS.TRIM.12X 32W 927 WW BCO/NRO

|  |                  |                 |                |                             |                 |                      |                      |
|--|------------------|-----------------|----------------|-----------------------------|-----------------|----------------------|----------------------|
| Luminaire Flux   | 1873 lm          | Luminaire Power | 33.0 W         | Efficacy                    | 56.746 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               | 55 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=57lm/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 |                      |                      |



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## Measurerm.

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|                            |         |                 |                |                             |                 |                      |                      |
|----------------------------|---------|-----------------|----------------|-----------------------------|-----------------|----------------------|----------------------|
| Luminaire Flux             | 1873 lm | Luminaire Power | 33.0 W         | Efficacy                    | 56.746 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               | 55 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              |                      |

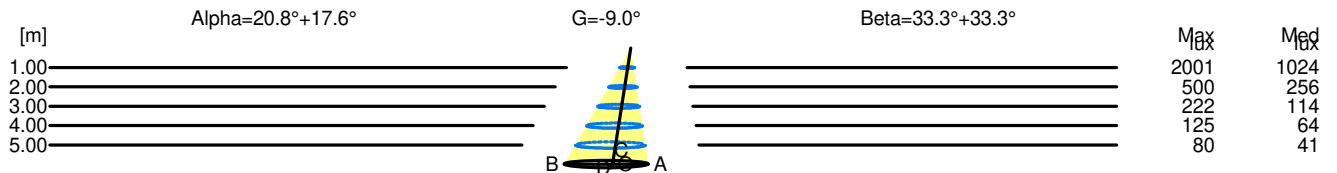
LED Flux=3118lm LED Power=33W Eff=60% EfcLed=94lm/W EfcLum=57lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=272160h

|        |                  |            |                 |
|--------|------------------|------------|-----------------|
| 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      |                  |       |