

## Luminaire

Code AF20601  
Name SHARP RCS.TRIM.12X 32W 927 WW BCO/BCO

## Measurement

Code FTS2000145-A  
Name SHARP RCS.TRIM.12X 32W 927 WW BCO/BCO

|                            |         |                         |                |                             |                 |                         |                      |
|----------------------------|---------|-------------------------|----------------|-----------------------------|-----------------|-------------------------|----------------------|
| Luminaire Flux             | 2018 lm | Luminaire Power         | 33.0 W         | Efficacy                    | 61.148 lm/W     | Efficiency              | 100.00%              |
| Source Flux                | 2018 lm | Maximum value           | 1037.05 cd/klm | Position                    | C=170.00 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 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°           |                 | 0.003406 m <sup>2</sup> |                      |
| Coordinate system          |         | CG                      |                | Symmetry Type               |                 | Sym. on planes 0-180    |                      |
| Date                       |         | 11-11-2021              |                | Maximum Gamma Angle         |                 | 180                     |                      |
| Measurement Distance       |         | 0.00                    |                | Measurement Flux            |                 | 2018 lm                 |                      |

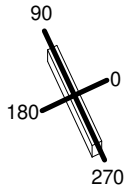
LED Flux=3118lm LED Power=33W Eff=65% EfcLed=94lm/W EfcLum=61lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=272160h

C.I.E. 70 90 97 100 100  
F UTE 1.00 C

D DIN 5040  
B NBN

A50  
BZ 2

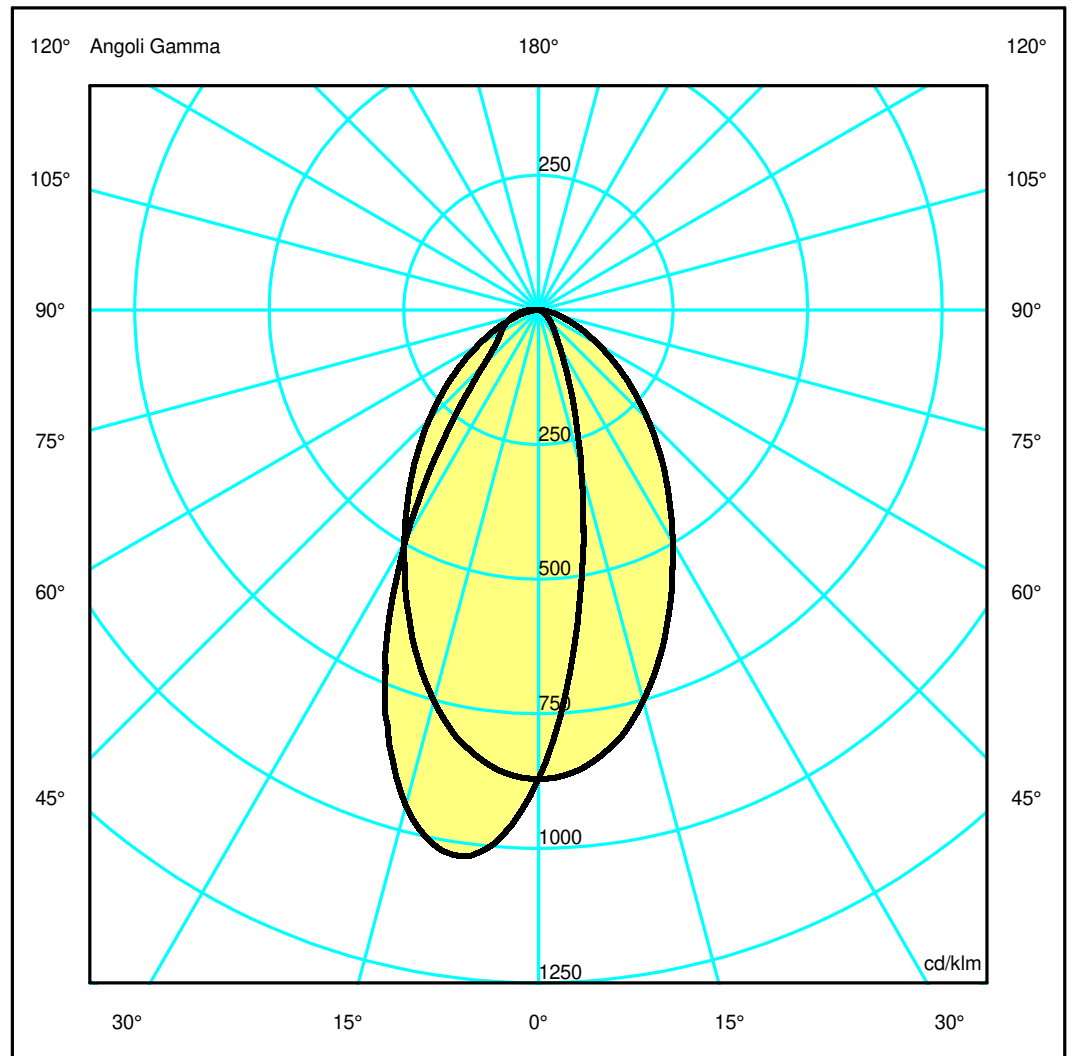
450mm x 45mm



Semipiani C

180.0 — 0.0  
270.0 — 90.0

ULOR 0.31 %  
DLOR 99.69 %  
RN 0.31 %



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## Measurerm.

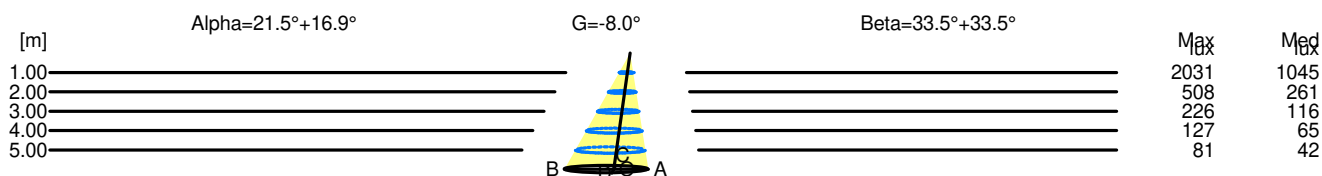
Code FTS2000145-A  
Name SHARP RCS.TRIM.12X 32W 927 WW BCO/BCO

|  |                  |                 |                |                             |                 |                      |                      |
|--|------------------|-----------------|----------------|-----------------------------|-----------------|----------------------|----------------------|
| Luminaire Flux   | 2018 lm          | Luminaire Power | 33.0 W         | Efficacy                    | 61.148 lm/W     | Efficiency           | 100.00%              |
| Source Flux  | 2018 lm          | Maximum value   | 1037.05 cd/klm | Position                    | C=170.00 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            |                 | 2018 lm              |                      |
| LED Flux=3118lm LED Power=33W Eff=65% EfcLed=94lm/W EfcLum=61lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=272160h |                  |                 |                |                             |                 |                      |                      |
| C.I.E.   | 70 90 97 100 100 |                 |                | D DIN 5040                  | A50             |                      |                      |
| F UTE  | 1.00 C           |                 |                | B NBN                       | 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   | 0.30 | 0.59 | 0.89 | 1.19 | 1.49 | OC   | 0.67 | 1.34 | 2.00 | 2.67 | 3.34 |
| OB   | 0.42 | 0.85 | 1.27 | 1.70 | 2.12 | OD   | 0.67 | 1.34 | 2.00 | 2.67 | 3.34 |

|    | Luminous Intensities [ cd/klm] |         |         |         |        |        |        |        |        |       |
|----|--------------------------------|---------|---------|---------|--------|--------|--------|--------|--------|-------|
|    | 0                              | 5       | 15      | 25      | 35     | 45     | 55     | 65     | 75     | 85    |
| OA | 1757.84                        | 1358.12 | 617.04  | 240.70  | 111.34 | 65.32  | 34.82  | 15.81  | 2.75   | 1.51  |
| OB | 1757.84                        | 2014.40 | 1922.30 | 1342.02 | 677.97 | 291.03 | 182.28 | 143.32 | 103.83 | 57.02 |
| OC | 1757.84                        | 1729.96 | 1515.98 | 1177.88 | 851.27 | 579.12 | 352.34 | 184.80 | 80.69  | 18.24 |
| OD | 1757.84                        | 1729.96 | 1515.98 | 1177.88 | 851.27 | 579.12 | 352.34 | 184.80 | 80.69  | 18.24 |



| H[m] | D[m] | Max lux | Med lux | Alpha=21.5°+16.9° | G=-8.0 |
|------|------|---------|---------|-------------------|--------|
| 1.00 | 0.72 | 2031    | 1045    |                   |        |
| 2.00 | 1.44 | 508     | 261     |                   |        |
| 3.00 | 2.17 | 226     | 116     |                   |        |
| 4.00 | 2.89 | 127     | 65      |                   |        |
| 5.00 | 3.61 | 81      | 42      |                   |        |

| H[m] | D[m] | Max lux | Med lux | Beta=33.5°+33.5° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 1.34 | 2031    | 1045    |                  |       |
| 2.00 | 2.67 | 508     | 261     |                  |       |
| 3.00 | 4.01 | 226     | 116     |                  |       |
| 4.00 | 5.35 | 127     | 65      |                  |       |
| 5.00 | 6.68 | 81      | 42      |                  |       |