

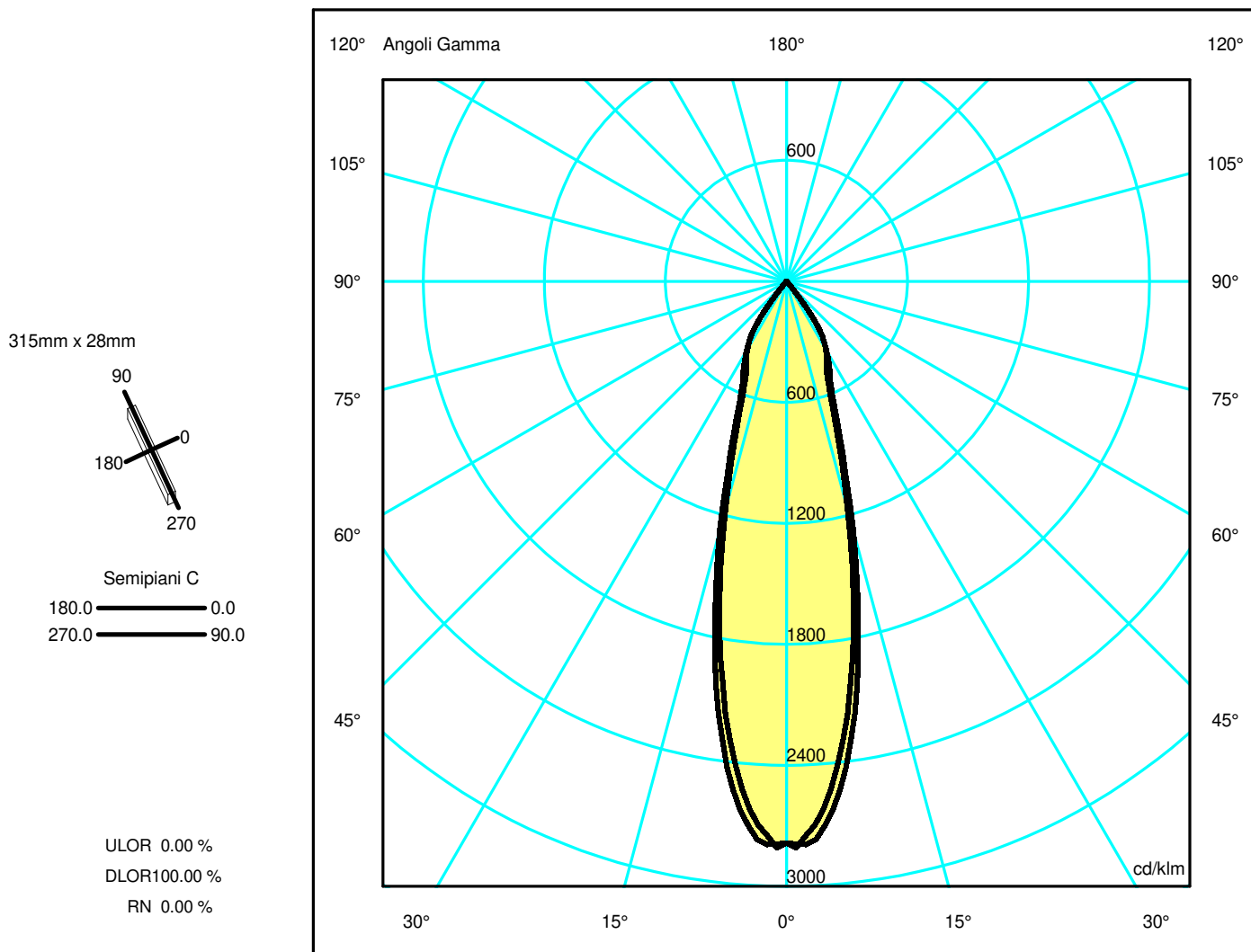
## Luminaire

Code FU62001APP  
 Name SHARPING 8 FUNIVIA 940 FL BCO

## Measurement

Code FTS2200027  
 Name SHARPING 8 FUNIVIA 940 FL BCO

|  |                    |                         |                |                             |                |                         |                    |
|--|--------------------|-------------------------|----------------|-----------------------------|----------------|-------------------------|--------------------|
| Luminaire Flux   | 1498 lm            | Luminaire Power         | 19.0 W         | Efficacy                    | 78.829 lm/W    | Efficiency              | 100.00%            |
| Source Flux  | 1498 lm            | Maximum value           | 2814.46 cd/klm | Position                    | C=20.00 G=1.00 | CG                      | Double Symmetrical |
| Rectangular Luminaire  |                    | Length                  | 315 mm         | Width                       | 28 mm          | Height                  | 20 mm              |
| Rectangular Luminous Area  |                    | Length                  | 160 mm         | Width                       | 20 mm          | Height                  | 0 mm               |
| Horizontal Luminous Area   |                    | 0.003200 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°           |                | 0.000774 m <sup>2</sup> |                    |
| Coordinate system  |                    | CG                      |                | Symmetry Type               |                | Double Symmetrical      |                    |
| Date   |                    | 15-02-2022              |                | Maximum Gamma Angle         |                | 180                     |                    |
| Measurement Distance   |                    | 0.00                    |                | Measurement Flux            |                | 1498 lm                 |                    |
| LED Flux=1840lm LED Power=16W Eff=81% EfcLed=116lm/W EfcLum=79lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(6K)=36000h |                    |                         |                |                             |                |                         |                    |
| C.I.E.   | 98 100 100 100 100 |                         |                | D DIN 5040                  | A60            |                         |                    |
| F UTE  | --                 |                         |                | B NBN                       | BZ 1           |                         |                    |



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## Measurment

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|                            |         |                 |                |                             |                |                    |                    |
|----------------------------|---------|-----------------|----------------|-----------------------------|----------------|--------------------|--------------------|
| Luminaire Flux             | 1498 lm | Luminaire Power | 19.0 W         | Efficacy                    | 78.829 lm/W    | Efficiency         | 100.00%            |
| Source Flux                | 1498 lm | Maximum value   | 2814.46 cd/klm | Position                    | C=20.00 G=1.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire      |         | Length          | 315 mm         | Width                       | 28 mm          | Height             | 20 mm              |
| Rectangular Luminous Area  |         | Length          | 160 mm         | Width                       | 20 mm          | Height             | 0 mm               |
| Horizontal Luminous Area   |         | 0.003200 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°           |                | 0.000774 m2        |                    |
| Coordinate system          |         | CG              |                | Symmetry Type               |                | Double Symmetrical |                    |
| Date                       |         | 15-02-2022      |                | Maximum Gamma Angle         |                | 180                |                    |
| Measurement Distance       |         | 0.00            |                | Measurement Flux            |                | 1498 lm            |                    |

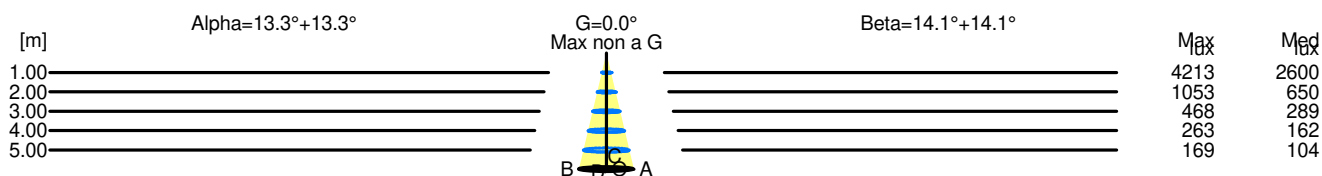
LED Flux=1840lm LED Power=16W Eff=81% EfcLed=116lm/W EfcLum=79lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(6K)=36000h

|        |    |     |     |     |     |            |      |
|--------|----|-----|-----|-----|-----|------------|------|
| 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   | 0.24 | 0.47 | 0.71 | 0.95 | 1.18 | OC   | 0.25 | 0.50 | 0.75 | 1.00 | 1.25 |
| OB   | 0.24 | 0.47 | 0.71 | 0.95 | 1.18 | OD   | 0.25 | 0.50 | 0.75 | 1.00 | 1.25 |

|    | Luminous Intensities [ cd/klm ] |         |         |        |        |       |      |      |      |      |
|----|---------------------------------|---------|---------|--------|--------|-------|------|------|------|------|
|    | 0                               | 5       | 15      | 25     | 35     | 45    | 55   | 65   | 75   | 85   |
| OA | 4169.98                         | 3785.33 | 1753.63 | 701.85 | 398.05 | 9.98  | 3.46 | 0.99 | 0.00 | 0.00 |
| OB | 4169.98                         | 3785.33 | 1753.63 | 701.85 | 398.05 | 9.98  | 3.46 | 0.99 | 0.00 | 0.00 |
| OC | 4169.98                         | 3940.40 | 1912.55 | 758.80 | 393.20 | 14.55 | 4.00 | 0.95 | 0.00 | 0.00 |
| OD | 4169.98                         | 3940.40 | 1912.55 | 758.80 | 393.20 | 14.55 | 4.00 | 0.95 | 0.00 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=13.3°+13.3° | G=0.0<br>Max non a G |
|------|------|---------|---------|-------------------|----------------------|
| 1.00 | 0.47 | 4213    | 2600    |                   |                      |
| 2.00 | 0.95 | 1053    | 650     |                   |                      |
| 3.00 | 1.42 | 468     | 289     |                   |                      |
| 4.00 | 1.89 | 263     | 162     |                   |                      |
| 5.00 | 2.37 | 169     | 104     |                   |                      |

| H[m] | D[m] | Max lux | Med lux | Beta=14.1°+14.1° | G=0.0<br>Max non a G |
|------|------|---------|---------|------------------|----------------------|
| 1.00 | 0.50 | 4213    | 2600    |                  |                      |
| 2.00 | 1.00 | 1053    | 650     |                  |                      |
| 3.00 | 1.50 | 468     | 289     |                  |                      |
| 4.00 | 2.01 | 263     | 162     |                  |                      |
| 5.00 | 2.51 | 169     | 104     |                  |                      |