

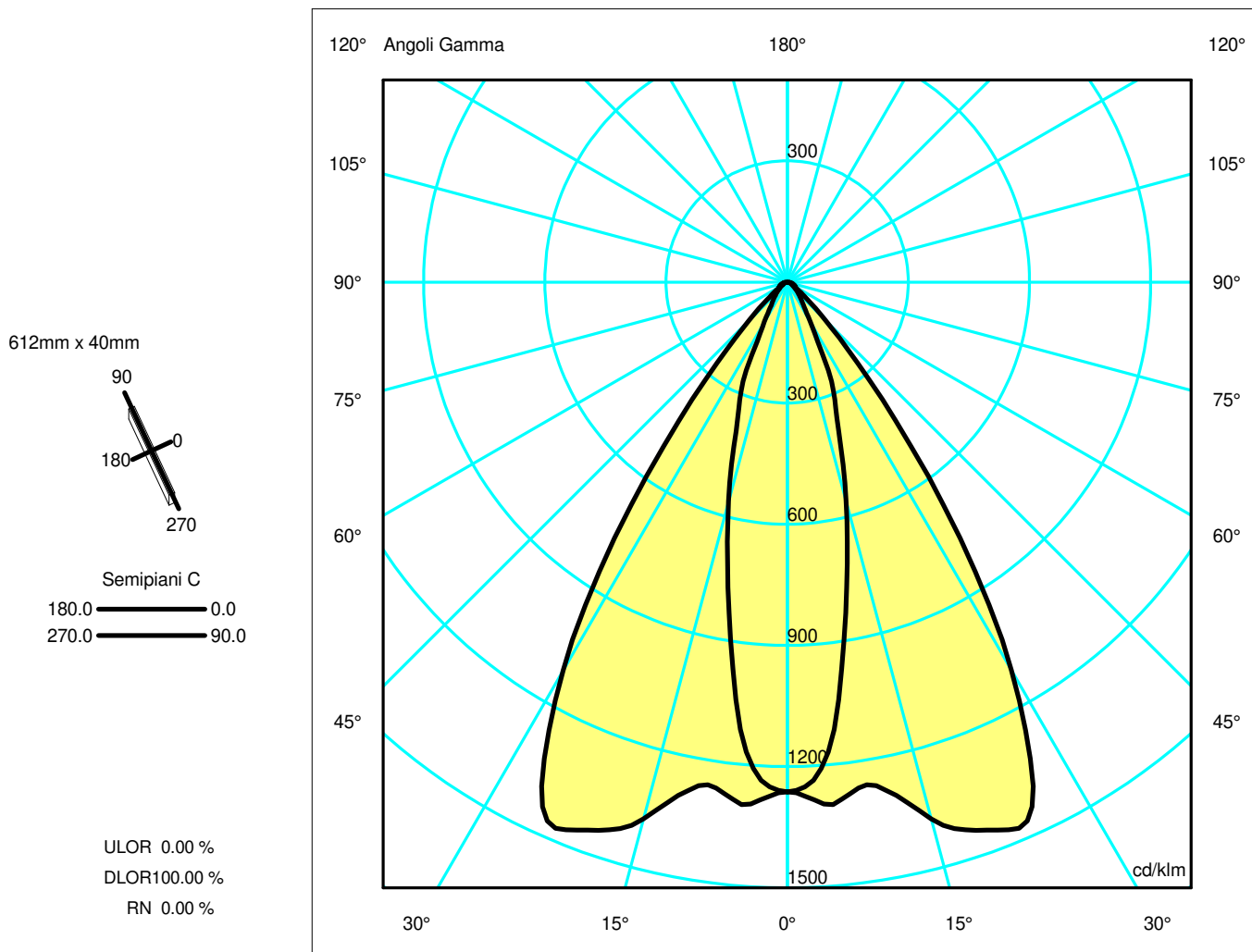
## Luminaire

Code AF87305+AF95201+AF0600  
 Name SHARP SMD.16X 44W 940 FL DIM SIL+ SCREEN 4X WHITE + GRAZER LENS

## Measurerm.

Code FTS1901470  
 Name SHARP SMD.16X 44W 940 FL DIM SIL+ SCREEN 4X WHITE + GRAZER LENS

|   |                  |                 |                |                             |                 |                    |                    |
|---|------------------|-----------------|----------------|-----------------------------|-----------------|--------------------|--------------------|
| Luminaire Flux  | 3180.74 lm       | Luminaire Power | 47.00 W        | Efficacy                    | 67.68 lm/W      | Efficiency         | 100.00%            |
| Lamps Flux  | 3180.74 lm       | Maximum value   | 1469.14 cd/klm | Position                    | C=90.00 G=23.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire   |                  | Length          | 612 mm         | Width                       | 40 mm           | Height             | 55 mm              |
| Rectangular Luminous Area   |                  | Length          | 592 mm         | Width                       | 37 mm           | Height             | 0 mm               |
| Horizontal Luminous Area  |                  | 0.021904 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°           |                 | 0.005299 m2        |                    |
| Coordinate system   |                  | CG              |                | Symmetry Type               |                 | Double Symmetrical |                    |
| Date  |                  | 18-07-2018      |                | Maximum Gamma Angle         |                 | 180                |                    |
| Measurement Distance  |                  | 0.00            |                | Measurement Flux            |                 | 3180.74 lm         |                    |
| LED Flux=4543.91lm LED Power=44W Eff=70% EfcLed=103lm/W EfcLum=68lm/W CCT=4000K Ra=90 SDCM=2 L90(20K)=118000h |                  |                 |                |                             |                 |                    |                    |
| C.I.E.  | 89 97 99 100 100 |                 |                | D DIN 5040                  | A60             |                    |                    |
| F UTE   | 1.00 A           |                 |                | B NBN                       | BZ 1            |                    |                    |



## Luminaire

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## Measurerm.

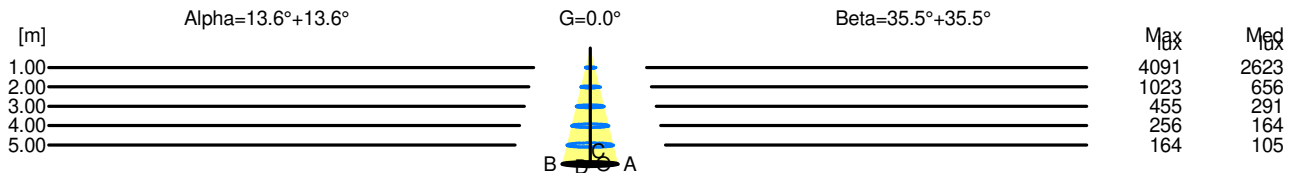
Code FTS1901470  
 Name SHARP SMD.16X 44W 940 FL DIM SIL+ SCREEN 4X WHITE + GRAZER LENS

|   |                  |                 |                |                             |                 |                    |                    |
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| 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°           |                 | 0.005299 m2        |                    |
| Coordinate system   |                  | CG              |                | Symmetry Type               |                 | Double Symmetrical |                    |
| Date  |                  | 18-07-2018      |                | Maximum Gamma Angle         |                 | 180                |                    |
| Measurement Distance  |                  | 0.00            |                | Measurement Flux            |                 | 3180.74 lm         |                    |
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| C.I.E.  | 89 97 99 100 100 |                 |                | D DIN 5040                  | A60             |                    |                    |
| F UTE   | 1.00 A           |                 |                | 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 | 0.48 | 0.72 | 0.96 | 1.21 | OC   | 0.71 | 1.43 | 2.14 | 2.86 | 3.57 |
| OB   | 0.24 | 0.48 | 0.72 | 0.96 | 1.21 | OD   | 0.71 | 1.43 | 2.14 | 2.86 | 3.57 |

|    | Luminous Intensities [ cd/klm] |         |         |         |         |        |       |       |       |       |
|----|--------------------------------|---------|---------|---------|---------|--------|-------|-------|-------|-------|
|    | 0                              | 5       | 15      | 25      | 35      | 45     | 55    | 65    | 75    | 85    |
| OA | 4015.54                        | 3715.46 | 1786.06 | 765.33  | 219.28  | 115.36 | 57.91 | 37.24 | 20.77 | 6.10  |
| OB | 4015.54                        | 3715.46 | 1786.06 | 765.33  | 219.28  | 115.36 | 57.91 | 37.24 | 20.77 | 6.10  |
| OC | 4015.54                        | 4130.87 | 4375.65 | 4559.85 | 2140.72 | 422.75 | 93.99 | 63.81 | 38.57 | 11.49 |
| OD | 4015.54                        | 4130.87 | 4375.65 | 4559.85 | 2140.72 | 422.75 | 93.99 | 63.81 | 38.57 | 11.49 |



| H[m] | D[m] | Max lux | Med lux | Alpha=13.6°+13.6° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.48 | 4091    | 2623    |                   |       |
| 2.00 | 0.96 | 1023    | 656     |                   |       |
| 3.00 | 1.45 | 455     | 291     |                   |       |
| 4.00 | 1.93 | 256     | 164     |                   |       |
| 5.00 | 2.41 | 164     | 105     |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=35.5°+35.5° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 1.43 | 4091    | 2623    |                  |       |
| 2.00 | 2.86 | 1023    | 656     |                  |       |
| 3.00 | 4.28 | 455     | 291     |                  |       |
| 4.00 | 5.71 | 256     | 164     |                  |       |
| 5.00 | 7.14 | 164     | 105     |                  |       |