

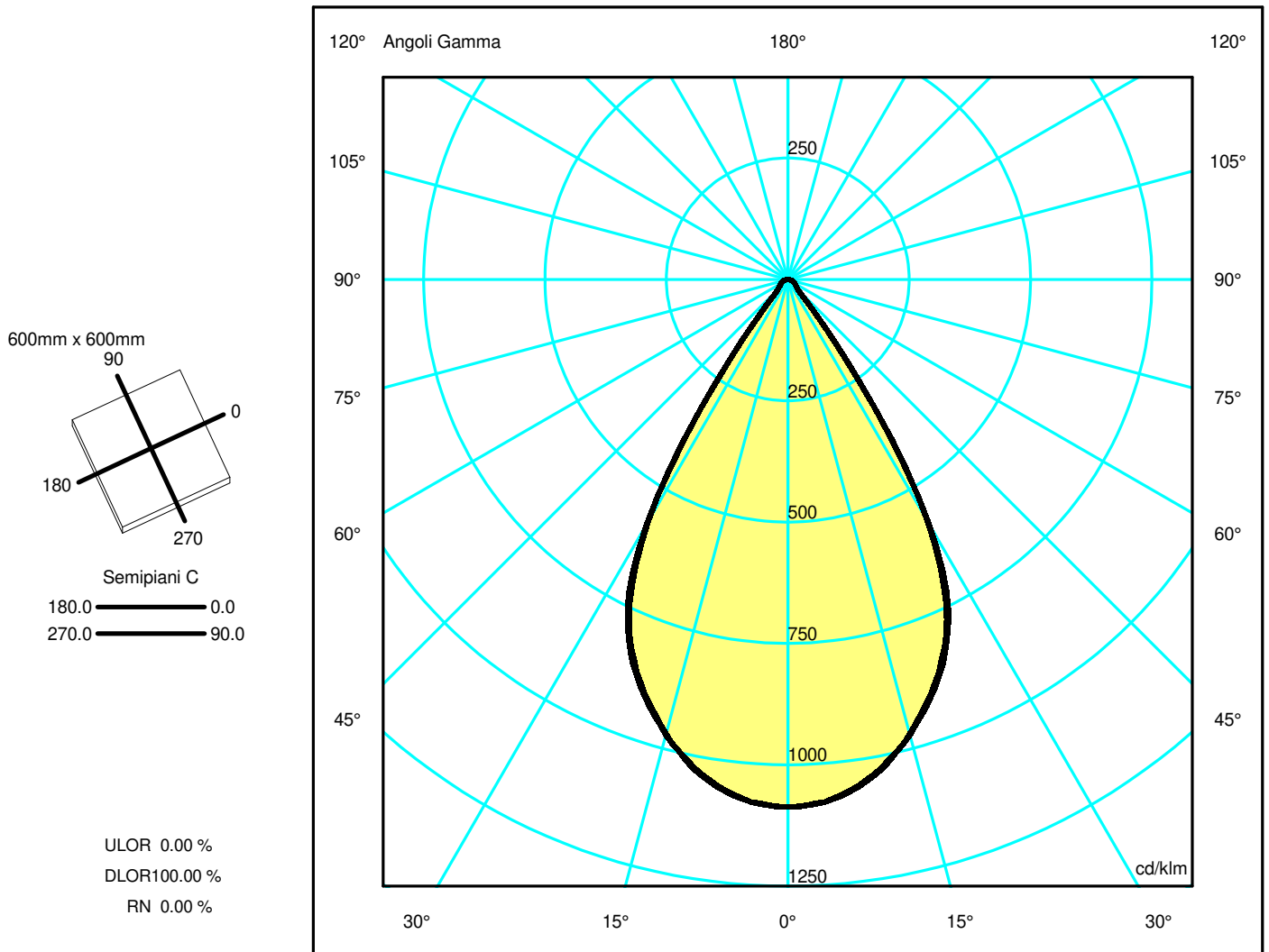
## Luminaire

Code CD103101IN0+BZ06301  
 Name A.39 SHARP REFR SMD WI 600X600 DALI BCO + A.39 SHARP REFR KIT LOUVRES BCO 600x600

## Measurement

Code FTS2200015-A  
 Name A.39 SHARP REFR SMD WI 600X600 DALI BCO + A.39 SHARP REFR KIT LOUVRES BCO 600x600

|                                                                                                                 |                  |                         |                |                             |                |                         |                    |
|-----------------------------------------------------------------------------------------------------------------|------------------|-------------------------|----------------|-----------------------------|----------------|-------------------------|--------------------|
| Luminaire Flux                                                                                                  | 3941 lm          | Luminaire Power         | 28.0 W         | Efficacy                    | 140.749 lm/W   | Efficiency              | 100.00%            |
| Source Flux                                                                                                     | 3941 lm          | Maximum value           | 1086.74 cd/klm | Position                    | C=30.00 G=1.00 | CG                      | Double Symmetrical |
| Rectangular Luminaire                                                                                           |                  | Length                  | 600 mm         | Width                       | 600 mm         | Height                  | 30 mm              |
| Rectangular Luminous Area                                                                                       |                  | Length                  | 280 mm         | Width                       | 105 mm         | Height                  | 0 mm               |
| Horizontal Luminous Area                                                                                        |                  | 0.029400 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°           |                | 0.007113 m <sup>2</sup> |                    |
| Coordinate system                                                                                               |                  | CG                      |                | Symmetry Type               |                | Double Symmetrical      |                    |
| Date                                                                                                            |                  | 01-12-2022              |                | Maximum Gamma Angle         |                | 180                     |                    |
| Measurement Distance                                                                                            |                  | 0.00                    |                | Measurement Flux            |                | 3941 lm                 |                    |
| LED Flux=4354lm LED Power=23W Eff=91% EfcLed=186lm/W EfcLum=141lm/W CCT=5000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h |                  |                         |                |                             |                |                         |                    |
| C.I.E.                                                                                                          | 93 97 99 100 100 |                         |                | D DIN 5040                  | A60            |                         |                    |
| F UTE                                                                                                           | 1.00 A           |                         |                | B NBN                       | BZ 1           |                         |                    |



## Luminaire

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## Measurerm.

Code FTS2200015-A  
 Name A.39 SHARP REFR SMD WI 600X600 DALI BCO + A.39 SHARP REFR KIT LOUVRES BCO 600x600

|                            |         |                 |                |                             |                |                    |                    |
|----------------------------|---------|-----------------|----------------|-----------------------------|----------------|--------------------|--------------------|
| Luminaire Flux             | 3941 lm | Luminaire Power | 28.0 W         | Efficacy                    | 140.749 lm/W   | Efficiency         | 100.00%            |
| Source Flux                | 3941 lm | Maximum value   | 1086.74 cd/klm | Position                    | C=30.00 G=1.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire      |         | Length          | 600 mm         | Width                       | 600 mm         | Height             | 30 mm              |
| Rectangular Luminous Area  |         | Length          | 280 mm         | Width                       | 105 mm         | Height             | 0 mm               |
| Horizontal Luminous Area   |         | 0.029400 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°           |                | 0.007113 m2        |                    |
| Coordinate system          |         | CG              |                | Symmetry Type               |                | Double Symmetrical |                    |
| Date                       |         | 01-12-2022      |                | Maximum Gamma Angle         |                | 180                |                    |
| Measurement Distance       |         | 0.00            |                | Measurement Flux            |                | 3941 lm            |                    |

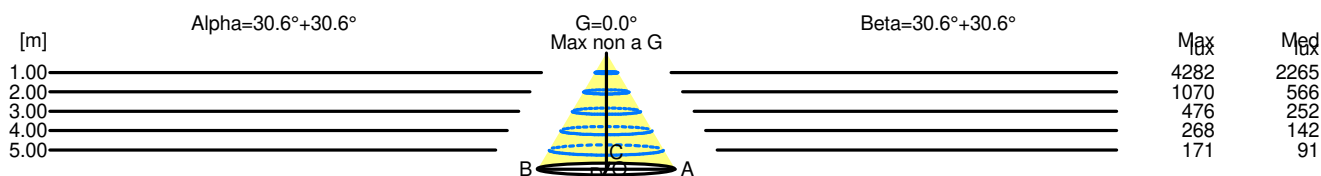
LED Flux=4354lm LED Power=23W Eff=91% EfcLed=186lm/W EfcLum=141lm/W CCT=5000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h

|        |                  |            |      |
|--------|------------------|------------|------|
| C.I.E. | 93 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   | 0.59 | 1.18 | 1.78 | 2.37 | 2.96 | OC   | 0.59 | 1.18 | 1.77 | 2.36 | 2.95 |
| OB   | 0.59 | 1.18 | 1.78 | 2.37 | 2.96 | OD   | 0.59 | 1.18 | 1.77 | 2.36 | 2.95 |

|    |                                |         |         |         |         |        |       |       |       |      |
|----|--------------------------------|---------|---------|---------|---------|--------|-------|-------|-------|------|
|    | Luminous Intensities [ cd/klm] |         |         |         |         |        |       |       |       |      |
|    | 0                              | 5       | 15      | 25      | 35      | 45     | 55    | 65    | 75    | 85   |
| OA | 4280.62                        | 4229.25 | 3830.14 | 3083.58 | 997.45  | 115.39 | 74.30 | 54.34 | 32.42 | 9.75 |
| OB | 4280.62                        | 4229.25 | 3830.14 | 3083.58 | 997.45  | 115.39 | 74.30 | 54.34 | 32.42 | 9.75 |
| OC | 4280.62                        | 4233.00 | 3818.67 | 3049.01 | 1020.83 | 115.87 | 74.78 | 54.37 | 32.21 | 9.92 |
| OD | 4280.62                        | 4233.00 | 3818.67 | 3049.01 | 1020.83 | 115.87 | 74.78 | 54.37 | 32.21 | 9.92 |



| H[m] | D[m] | Max lux | Med lux | Alpha=30.6°+30.6° | G=0.0<br>Max non a G |
|------|------|---------|---------|-------------------|----------------------|
| 1.00 | 1.18 | 4282    | 2265    |                   |                      |
| 2.00 | 2.37 | 1070    | 566     |                   |                      |
| 3.00 | 3.55 | 476     | 252     |                   |                      |
| 4.00 | 4.74 | 268     | 142     |                   |                      |
| 5.00 | 5.92 | 171     | 91      |                   |                      |

| H[m] | D[m] | Max lux | Med lux | Beta=30.6°+30.6° | G=0.0<br>Max non a G |
|------|------|---------|---------|------------------|----------------------|
| 1.00 | 1.18 | 4282    | 2265    |                  |                      |
| 2.00 | 2.36 | 1070    | 566     |                  |                      |
| 3.00 | 3.55 | 476     | 252     |                  |                      |
| 4.00 | 4.73 | 268     | 142     |                  |                      |
| 5.00 | 5.91 | 171     | 91      |                  |                      |