

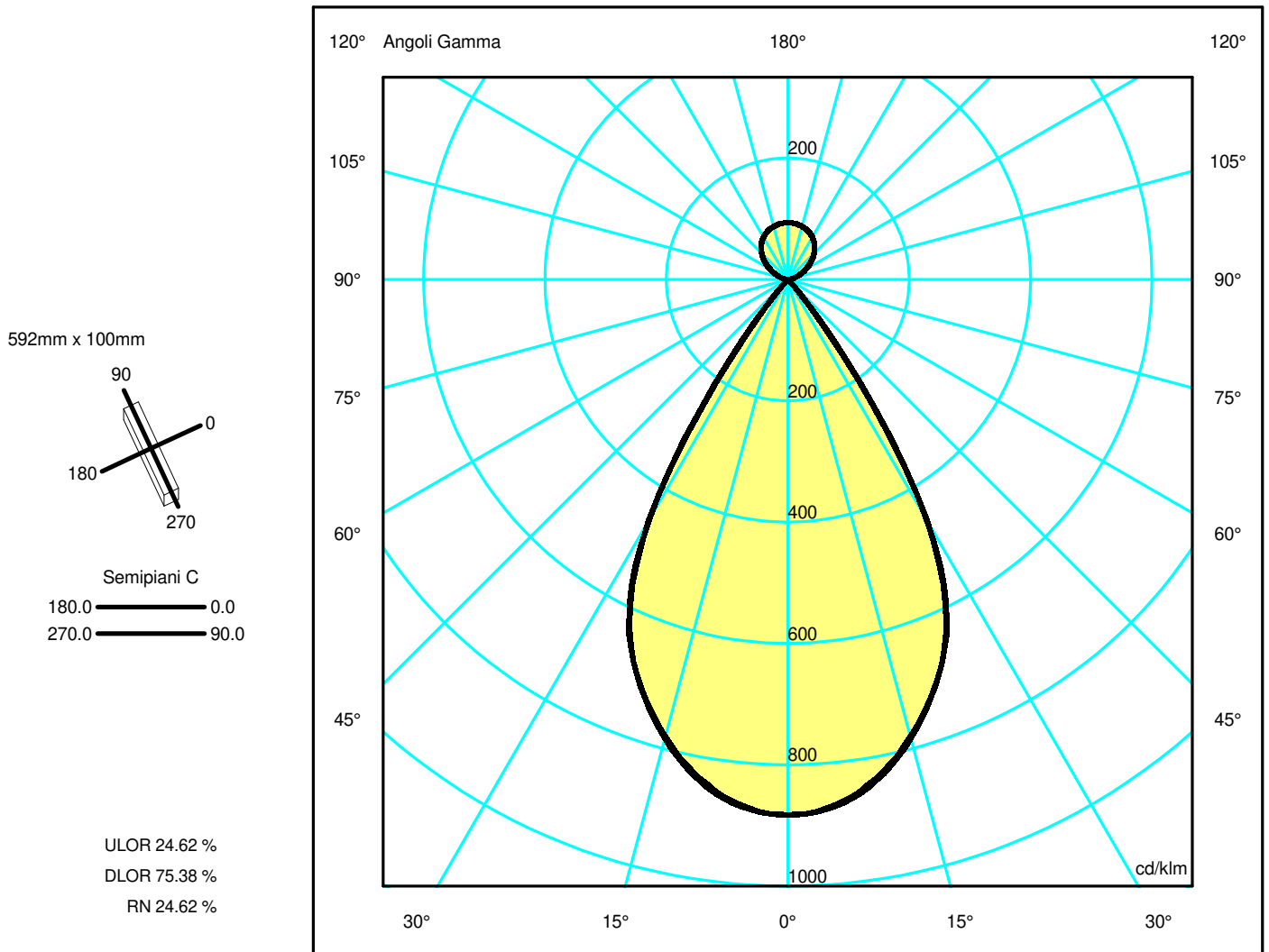
## Luminaire

Code KB33101+BZ07404  
 Name Kata metron 592 ref dir in 940 Dali bco + SHARP REFRACTIVE KIT LOUVRES 4 UNIT NRO

## Measurement

Code FTS2400477.  
 Name Kata metron 592 ref dir in 940 Dali bco + SHARP REFRACTIVE KIT LOUVRES 4 UNIT NRO

|   |                   |                 |               |                             |               |                    |                    |
|---|-------------------|-----------------|---------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux  | 3156 lm           | Luminaire Power | 25.0 W        | Efficacy                    | 126.240 lm/W  | Efficiency         | 100.00%            |
| Source Flux   | 3156 lm           | Maximum value   | 882.34 cd/klm | Position                    | C=5.00 G=1.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire   |                   | Length          | 592 mm        | Width                       | 100 mm        | Height             | 85 mm              |
| Rectangular Luminous Area   |                   | Length          | 560 mm        | Width                       | 35 mm         | Height             | 0 mm               |
| Horizontal Luminous Area  |                   | 0.019600 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°           |               | 0.004742 m2        |                    |
| Coordinate system   |                   | CG              |               | Symmetry Type               |               | Double Symmetrical |                    |
| Date  |                   | 16-04-2024      |               | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance  |                   | 0.00            |               | Measurement Flux            |               | 3156 lm            |                    |
| LED Flux=3886lm LED Power=21W Eff=81% EfcLed=187lm/W EfcLum=126lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h |                   |                 |               |                             |               |                    |                    |
| C.I.E.  | 98 100 100 75 100 |                 |               | D DIN 5040                  | B61           |                    |                    |
| F UTE   | --                |                 |               | B NBN                       | BZ 1          |                    |                    |



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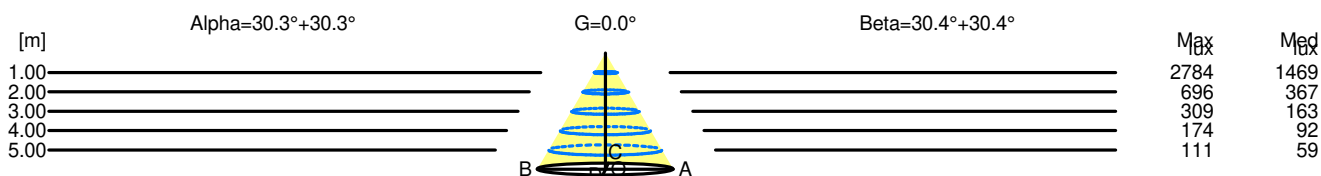
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|   |         |                 |               |                             |               |                    |                    |
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| Emitting area on Plane 90°  |         | 0.000000 m2     |               | Glare area at 76°           |               | 0.004742 m2        |                    |
| Coordinate system   |         | CG              |               | Symmetry Type               |               | Double Symmetrical |                    |
| Date  |         | 16-04-2024      |               | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance  |         | 0.00            |               | Measurement Flux            |               | 3156 lm            |                    |
| LED Flux=3886lm LED Power=21W Eff=81% EfcLed=187lm/W EfcLum=126lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h |         |                 |               |                             |               |                    |                    |
| C.I.E.  | 98      | 100             | 100           | 75                          | 100           | D DIN 5040         | B61                |
| 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   | 0.59 | 1.17 | 1.76 | 2.34 | 2.93 | OC   | 0.59 | 1.17 | 1.76 | 2.35 | 2.93 |
| OB   | 0.59 | 1.17 | 1.76 | 2.34 | 2.93 | OD   | 0.59 | 1.17 | 1.76 | 2.35 | 2.93 |

|    | Luminous Intensities [ cd/klm ] |         |         |         |        |       |      |      |      |      |
|----|---------------------------------|---------|---------|---------|--------|-------|------|------|------|------|
|    | 0                               | 5       | 15      | 25      | 35     | 45    | 55   | 65   | 75   | 85   |
| OA | 2784.32                         | 2746.00 | 2461.55 | 1954.22 | 630.00 | 19.77 | 4.02 | 0.92 | 0.61 | 0.48 |
| OB | 2784.32                         | 2746.00 | 2461.55 | 1954.22 | 630.00 | 19.77 | 4.02 | 0.92 | 0.61 | 0.48 |
| OC | 2784.32                         | 2752.89 | 2471.24 | 1947.68 | 667.73 | 20.87 | 4.52 | 1.00 | 0.64 | 0.50 |
| OD | 2784.32                         | 2752.89 | 2471.24 | 1947.68 | 667.73 | 20.87 | 4.52 | 1.00 | 0.64 | 0.50 |



| H[m] | D[m] | Max lux | Med lux | Alpha=30.3°+30.3° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.17 | 2784    | 1469    |                   |       |
| 2.00 | 2.34 | 696     | 367     |                   |       |
| 3.00 | 3.51 | 309     | 163     |                   |       |
| 4.00 | 4.68 | 174     | 92      |                   |       |
| 5.00 | 5.85 | 111     | 59      |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=30.4°+30.4° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 1.17 | 2784    | 1469    |                  |       |
| 2.00 | 2.35 | 696     | 367     |                  |       |
| 3.00 | 3.52 | 309     | 163     |                  |       |
| 4.00 | 4.69 | 174     | 92      |                  |       |
| 5.00 | 5.86 | 111     | 59      |                  |       |