

## Luminaire

Code KA01102  
Name Kata metron 592 diff dir 930 Dali blu

## Measurement

Code FTS2400159.  
Name Kata metron 592 diff dir 930 Dali blu

|                            |         |                 |               |                             |                    |            |                    |
|----------------------------|---------|-----------------|---------------|-----------------------------|--------------------|------------|--------------------|
| Luminaire Flux             | 1542 lm | Luminaire Power | 12.0 W        | Efficacy                    | 128.500 lm/W       | Efficiency | 100.00%            |
| Source Flux                | 1542 lm | Maximum value   | 467.10 cd/klm | Position                    | C=5.00 G=1.00      | CG         | Double Symmetrical |
| Rectangular Luminaire      |         | Length          | 592 mm        | Width                       | 100 mm             | Height     | 50 mm              |
| Rectangular Luminous Area  |         | Length          | 592 mm        | Width                       | 40 mm              | Height     | 0 mm               |
| Horizontal Luminous Area   |         | 0.023680 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°           | 0.005729 m2        |            |                    |
| Coordinate system          |         | CG              |               | Symmetry Type               | Double Symmetrical |            |                    |
| Date                       |         | 15-04-2024      |               | Maximum Gamma Angle         | 180                |            |                    |
| Measurement Distance       |         | 0.00            |               | Measurement Flux            | 1542 lm            |            |                    |

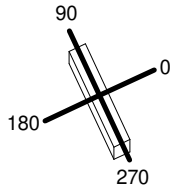
LED Flux=1894lm LED Power=10W Eff=81% EfcLed=188lm/W EfcLum=129lm/W CCT=3000K Ra=90 SDCM=3 L70(17k)=102000h

C.I.E. 55 84 97 100 100  
F UTE 1.00 D

D DIN 5040  
B NBN

A40  
BZ 3 / 1 / BZ 4

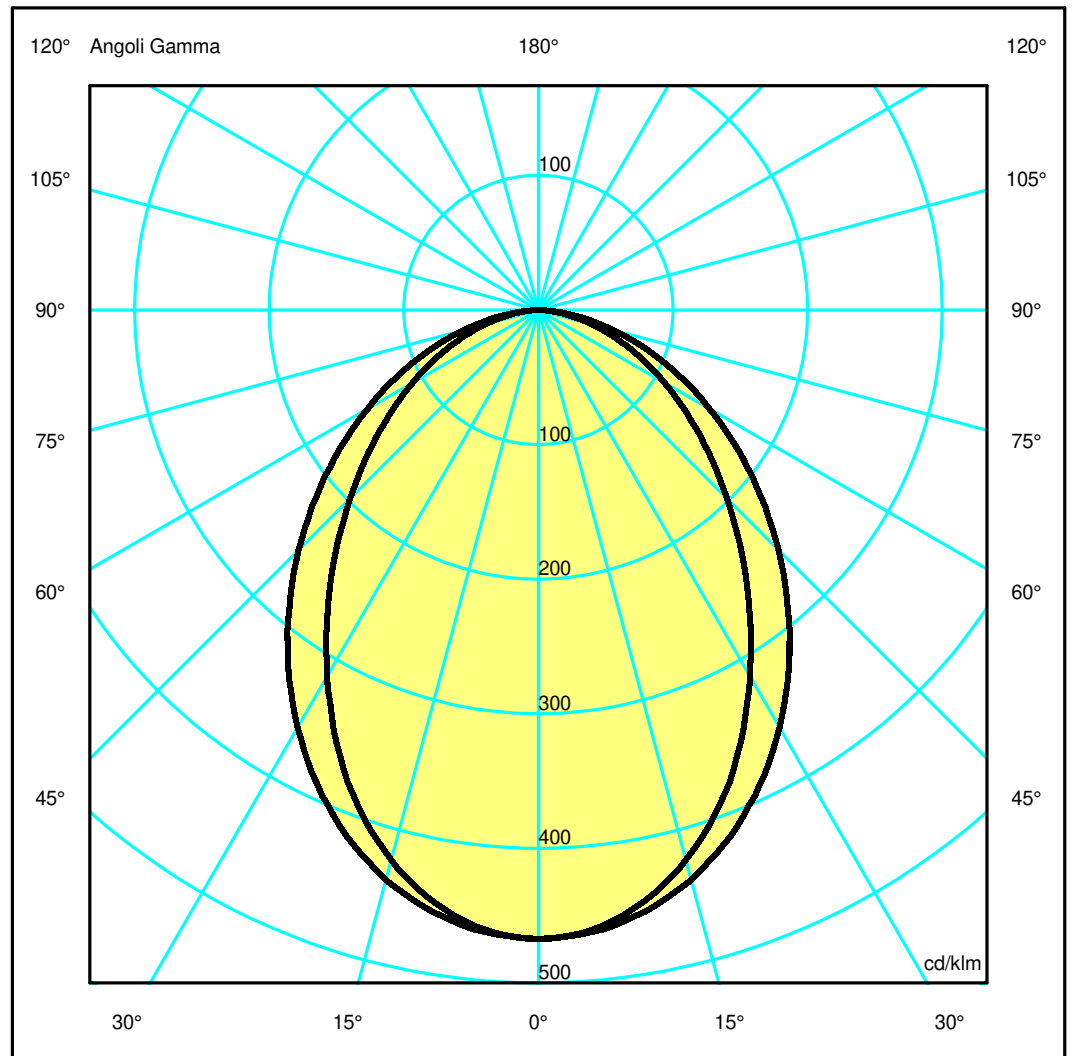
592mm x 100mm



Semipiani C

180.0 — 0.0  
270.0 — 90.0

ULOR 0.01 %  
DLOR 99.99 %  
RN 0.01 %



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## Measurment

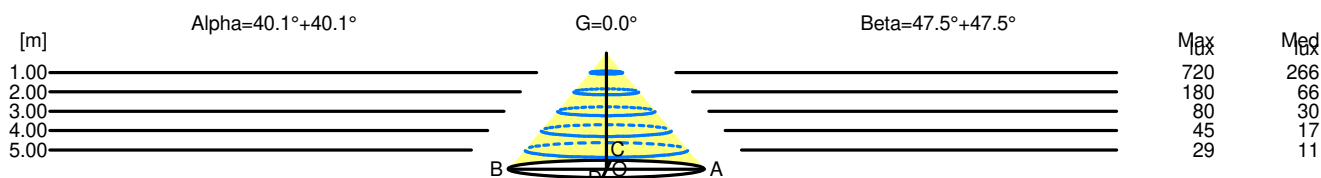
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Name Kata metron 592 diff dir 930 Dali blu

|   |                  |                 |               |                             |                 |                    |                    |
|---|------------------|-----------------|---------------|-----------------------------|-----------------|--------------------|--------------------|
| Luminaire Flux  | 1542 lm          | Luminaire Power | 12.0 W        | Efficacy                    | 128.500 lm/W    | Efficiency         | 100.00%            |
| Source Flux   | 1542 lm          | Maximum value   | 467.10 cd/klm | Position                    | C=5.00 G=1.00   | CG                 | Double Symmetrical |
| Rectangular Luminaire   |                  | Length          | 592 mm        | Width                       | 100 mm          | Height             | 50 mm              |
| Rectangular Luminous Area   |                  | Length          | 592 mm        | Width                       | 40 mm           | Height             | 0 mm               |
| Horizontal Luminous Area  |                  | 0.023680 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°           |                 | 0.005729 m2        |                    |
| Coordinate system   |                  | CG              |               | Symmetry Type               |                 | Double Symmetrical |                    |
| Date  |                  | 15-04-2024      |               | Maximum Gamma Angle         |                 | 180                |                    |
| Measurement Distance  |                  | 0.00            |               | Measurement Flux            |                 | 1542 lm            |                    |
| LED Flux=1894lm LED Power=10W Eff=81% EfcLed=188lm/W EfcLum=129lm/W CCT=3000K Ra=90 SDCM=3 L70(17k)=102000h |                  |                 |               |                             |                 |                    |                    |
| C.I.E.  | 55 84 97 100 100 |                 |               | D DIN 5040                  | A40             |                    |                    |
| F UTE   | 1.00 D           |                 |               | B NBN                       | BZ 3 / 1 / BZ 4 |                    |                    |

### 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   | 0.84 | 1.69 | 2.53 | 3.37 | 4.22 | OC   | 1.09 | 2.18 | 3.28 | 4.37 | 5.46 |
| OB   | 0.84 | 1.69 | 2.53 | 3.37 | 4.22 | OD   | 1.09 | 2.18 | 3.28 | 4.37 | 5.46 |

|    | Luminous Intensities [ cd/klm] |        |        |        |        |        |        |        |       |       |
|----|--------------------------------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
|    | 0                              | 5      | 15     | 25     | 35     | 45     | 55     | 65     | 75    | 85    |
| OA | 720.25                         | 712.18 | 652.06 | 547.70 | 421.48 | 305.53 | 208.01 | 128.69 | 63.26 | 14.45 |
| OB | 720.25                         | 712.18 | 652.06 | 547.70 | 421.48 | 305.53 | 208.01 | 128.69 | 63.26 | 14.45 |
| OC | 720.25                         | 714.79 | 675.97 | 599.52 | 500.23 | 388.78 | 278.92 | 177.45 | 89.30 | 20.36 |
| OD | 720.25                         | 714.79 | 675.97 | 599.52 | 500.23 | 388.78 | 278.92 | 177.45 | 89.30 | 20.36 |



| H[m] | D[m] | Max lux | Med lux | Alpha=40.1°+40.1° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.69 | 720     | 266     |                   |       |
| 2.00 | 3.37 | 180     | 66      |                   |       |
| 3.00 | 5.06 | 80      | 30      |                   |       |
| 4.00 | 6.75 | 45      | 17      |                   |       |
| 5.00 | 8.43 | 29      | 11      |                   |       |

| H[m] | D[m]  | Max lux | Med lux | Beta=47.5°+47.5° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 2.18  | 720     | 266     |                  |       |
| 2.00 | 4.37  | 180     | 66      |                  |       |
| 3.00 | 6.55  | 80      | 30      |                  |       |
| 4.00 | 8.74  | 45      | 17      |                  |       |
| 5.00 | 10.92 | 29      | 11      |                  |       |