

## Luminaire

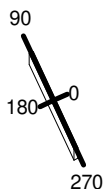
Code KB51108+BZ06104  
 Name Kata metron 2368 ref dir in 930 Dali rso + A.39 S\IC SHARP REFR KIT LOUVRES 2368 NRO

## Measurement

Code FTS2400473.  
 Name Kata metron 2368 ref dir in 930 Dali rso + A.39 S\IC SHARP REFR KIT LOUVRES 2368 NRO

|  |                   |                 |               |                             |               |                    |                    |
|--|-------------------|-----------------|---------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux   | 13582 lm          | Luminaire Power | 104.0 W       | Efficacy                    | 130.596 lm/W  | Efficiency         | 100.00%            |
| Source Flux  | 13582 lm          | Maximum value   | 768.74 cd/klm | Position                    | C=5.00 G=1.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire  |                   | Length          | 2368 mm       | Width                       | 100 mm        | Height             | 85 mm              |
| Rectangular Luminous Area  |                   | Length          | 2240 mm       | Width                       | 35 mm         | Height             | 0 mm               |
| Horizontal Luminous Area   |                   | 0.078400 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°           |               | 0.018967 m2        |                    |
| Coordinate system  |                   | CG              |               | Symmetry Type               |               | Double Symmetrical |                    |
| Date   |                   | 16-04-2024      |               | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance   |                   | 0.00            |               | Measurement Flux            |               | 13582 lm           |                    |
| LED Flux=16662lm LED Power=93W Eff=82% EfcLed=179lm/W EfcLum=131lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h |                   |                 |               |                             |               |                    |                    |
| C.I.E.   | 98 100 100 66 100 |                 |               | D DIN 5040                  |               | B61                |                    |
| F UTE  | --                |                 |               | B NBN                       |               | BZ 1               |                    |

2368mm x 100mm



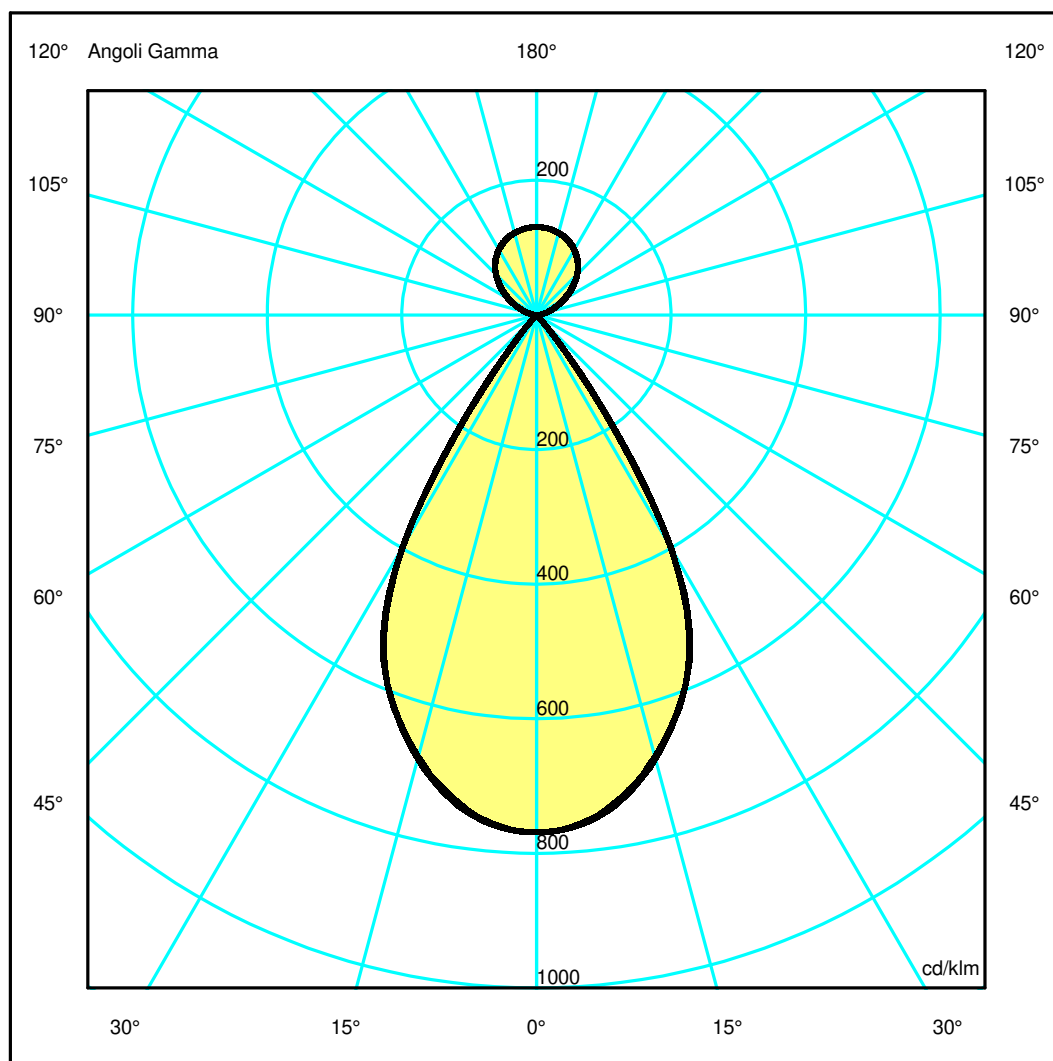
Semipiani C

180.0 — 0.0  
 270.0 — 90.0

ULOR 34.32 %

DLOR 65.68 %

RN 34.32 %



## Luminaire

Code KB51108+BZ06104  
 Name Kata metron 2368 ref dir in 930 Dali rso + A.39 S\IC SHARP REFR KIT LOUVRES 2368 NRO

## Measurement

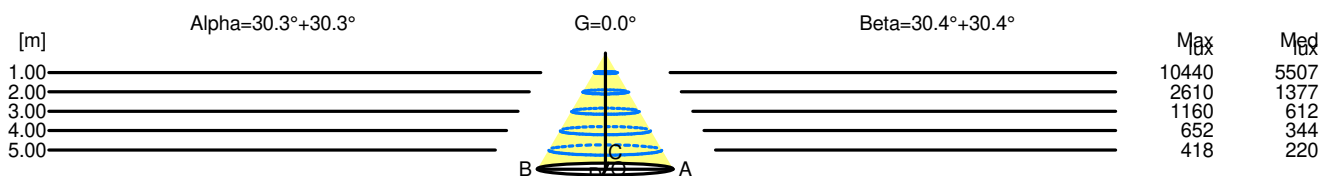
Code FTS2400473.  
 Name Kata metron 2368 ref dir in 930 Dali rso + A.39 S\IC SHARP REFR KIT LOUVRES 2368 NRO

|  |                   |                 |               |                             |                    |            |                    |
|--|-------------------|-----------------|---------------|-----------------------------|--------------------|------------|--------------------|
| Luminaire Flux   | 13582 lm          | Luminaire Power | 104.0 W       | Efficacy                    | 130.596 lm/W       | Efficiency | 100.00%            |
| Source Flux  | 13582 lm          | Maximum value   | 768.74 cd/klm | Position                    | C=5.00 G=1.00      | CG         | Double Symmetrical |
| Rectangular Luminaire  |                   | Length          | 2368 mm       | Width                       | 100 mm             | Height     | 85 mm              |
| Rectangular Luminous Area  |                   | Length          | 2240 mm       | Width                       | 35 mm              | Height     | 0 mm               |
| Horizontal Luminous Area   |                   | 0.078400 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°           | 0.018967 m2        |            |                    |
| Coordinate system  |                   | CG              |               | Symmetry Type               | Double Symmetrical |            |                    |
| Date   |                   | 16-04-2024      |               | Maximum Gamma Angle         | 180                |            |                    |
| Measurement Distance   |                   | 0.00            |               | Measurement Flux            | 13582 lm           |            |                    |
| LED Flux=16662lm LED Power=93W Eff=82% EfcLed=179lm/W EfcLum=131lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h |                   |                 |               |                             |                    |            |                    |
| C.I.E.   | 98 100 100 66 100 |                 |               | 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 | 10439.73                       | 10296.04 | 9229.50 | 7327.29 | 2362.16 | 74.13 | 15.09 | 3.43 | 2.29 | 1.80 |
| OB | 10439.73                       | 10296.04 | 9229.50 | 7327.29 | 2362.16 | 74.13 | 15.09 | 3.43 | 2.29 | 1.80 |
| OC | 10439.73                       | 10321.90 | 9265.84 | 7302.79 | 2503.62 | 78.24 | 16.94 | 3.75 | 2.40 | 1.88 |
| OD | 10439.73                       | 10321.90 | 9265.84 | 7302.79 | 2503.62 | 78.24 | 16.94 | 3.75 | 2.40 | 1.88 |



| H[m] | D[m] | Max lux | Med lux | Alpha=30.3°+30.3° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.17 | 10440   | 5507    |                   |       |
| 2.00 | 2.34 | 2610    | 1377    |                   |       |
| 3.00 | 3.51 | 1160    | 612     |                   |       |
| 4.00 | 4.68 | 652     | 344     |                   |       |
| 5.00 | 5.85 | 418     | 220     |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=30.4°+30.4° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 1.17 | 10440   | 5507    |                  |       |
| 2.00 | 2.35 | 2610    | 1377    |                  |       |
| 3.00 | 3.52 | 1160    | 612     |                  |       |
| 4.00 | 4.69 | 652     | 344     |                  |       |
| 5.00 | 5.86 | 418     | 220     |                  |       |