

## Luminaire

Code KZ53204+AP90300  
Name kata metron pst spt 2x40 Dali 940 WF nro + Soft Filter

## Measurem.

Code FTS2400459  
Name kata metron pst spt 2x40 Dali 940 WF nro + Soft Filter

|  |                   |                 |                |                             |               |                 |                 |
|--|-------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux   | 430 lm            | Luminaire Power | 9.5 W          | Efficacy                    | 45.263 lm/W   | Efficiency      | 100.00%         |
| Source Flux  | 430 lm            | Maximum value   | 3008.02 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Rectangular Luminaire<br>Round Luminous Area   |                   | Length<br>Diam. | 40 mm<br>33 mm | Width<br>Height             | 40 mm<br>0 mm | Height          | 103 mm          |
| Horizontal Luminous Area   |                   | 0.000855 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°           |               | 0.000207 m2     |                 |
| Coordinate system  |                   | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date   |                   | 21-06-2024      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance   |                   | 0.00            |                | Measurement Flux            |               | 430 lm          |                 |
| LED Flux=929lm LED Power=8W Eff=46% EfcLed=118lm/W EfcLum=45lm/W CCT=4000K Ra=90 R9=50 SDCM=2 L70(9k)=50000h |                   |                 |                |                             |               |                 |                 |
| C.I.E.   | 96 99 100 100 100 |                 |                | D DIN 5040                  | A60           |                 |                 |
| F UTE  | 1.00 A            |                 |                | B NBN                       | BZ 1          |                 |                 |

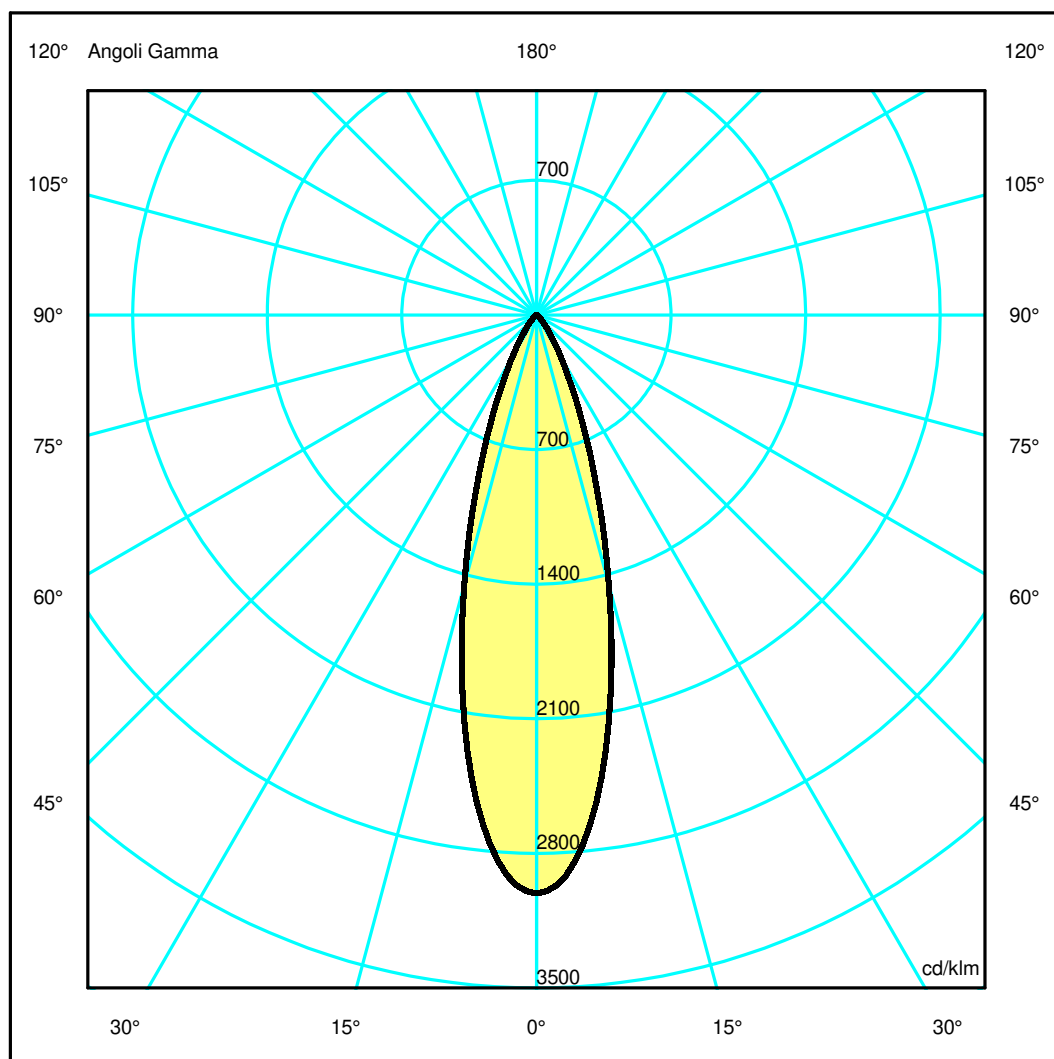
40mm x 40mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



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## Measurement

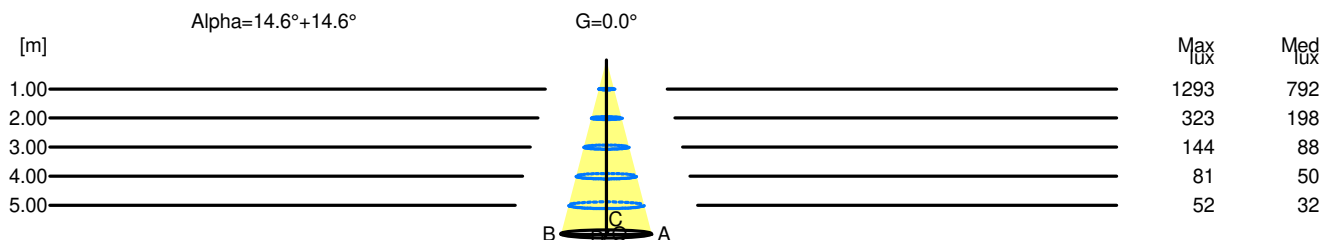
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| Source Flux  | 430 lm                      | Maximum value   | 3008.02 cd/klm | Position                    | C=0.00 G=0.00 | CG Rotosymmetrical |         |
| Rectangular Luminaire<br>Round Luminous Area   |                             | Length<br>Diam. | 40 mm<br>33 mm | Width<br>Height             | 40 mm<br>0 mm | Height             | 103 mm  |
| Horizontal Luminous Area   |                             | 0.000855 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°           |               | 0.000207 m2        |         |
| Coordinate system  |                             | CG              |                | Symmetry Type               |               | Rotosymmetrical    |         |
| Date   |                             | 21-06-2024      |                | Maximum Gamma Angle         |               | 180                |         |
| Measurement Distance   |                             | 0.00            |                | Measurement Flux            |               | 430 lm             |         |
| LED Flux=929lm LED Power=8W Eff=46% EfcLed=118lm/W EfcLum=45lm/W CCT=4000K Ra=90 R9=50 SDCM=2 L70(9k)=50000h |                             |                 |                |                             |               |                    |         |
| C.I.E.<br>F UTE  | 96 99 100 100 100<br>1.00 A |                 |                | D DIN 5040<br>B NBN         | A60<br>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   | 0.26 | 0.52 | 0.78 | 1.04 | 1.31 | OC   | 0.26 | 0.52 | 0.78 | 1.04 | 1.31 |
| OB   | 0.26 | 0.52 | 0.78 | 1.04 | 1.31 | OD   | 0.26 | 0.52 | 0.78 | 1.04 | 1.31 |

|    | Luminous Intensities [ cd/klm] |         |        |        |       |       |      |      |      |      |
|----|--------------------------------|---------|--------|--------|-------|-------|------|------|------|------|
|    | 0                              | 5       | 15     | 25     | 35    | 45    | 55   | 65   | 75   | 85   |
| OA | 1293.45                        | 1188.64 | 625.26 | 206.35 | 56.04 | 15.01 | 4.45 | 1.90 | 0.83 | 0.09 |
| OB | 1293.45                        | 1188.64 | 625.26 | 206.35 | 56.04 | 15.01 | 4.45 | 1.90 | 0.83 | 0.09 |
| OC | 1293.45                        | 1188.64 | 625.26 | 206.35 | 56.04 | 15.01 | 4.45 | 1.90 | 0.83 | 0.09 |
| OD | 1293.45                        | 1188.64 | 625.26 | 206.35 | 56.04 | 15.01 | 4.45 | 1.90 | 0.83 | 0.09 |



| H[m] | D[m] | Max lux | Med lux | Alpha=14.6°+14.6° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.52 | 1293    | 792     |                   |       |
| 2.00 | 1.04 | 323     | 198     |                   |       |
| 3.00 | 1.57 | 144     | 88      |                   |       |
| 4.00 | 2.09 | 81      | 50      |                   |       |
| 5.00 | 2.61 | 52      | 32      |                   |       |