

## Luminaire

Code KZ60004+AP90300  
 Name kata metron pst pnd 2x40 Dali 927 SP nro + Soft Filter

## Measurement

Code FTS2400433.  
 Name kata metron pst pnd 2x40 Dali 927 SP nro + Soft Filter

|                                                                                                               |                                           |                                                                                 |                                           |               |               |            |                 |
|---------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------|---------------|---------------|------------|-----------------|
| Luminaire Flux                                                                                                | 452 lm                                    | Luminaire Power                                                                 | 9.5 W                                     | Efficacy      | 47.579 lm/W   | Efficiency | 100.00%         |
| Source Flux                                                                                                   | 452 lm                                    | Maximum value                                                                   | 5632.00 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<br>Emitting area on Plane 0°<br>Emitting area on Plane 90°                           | 0.000855 m2<br>0.000000 m2<br>0.000000 m2 | Emitting area on Plane 180°<br>Emitting area on Plane 270°<br>Glare area at 76° | 0.000000 m2<br>0.000000 m2<br>0.000207 m2 |               |               |            |                 |
| Coordinate system                                                                                             | CG                                        | Symmetry Type                                                                   | Rotosymmetrical                           |               |               |            |                 |
| Date                                                                                                          | 21-06-2024                                | Maximum Gamma Angle                                                             | 180                                       |               |               |            |                 |
| Measurement Distance                                                                                          | 0.00                                      | Measurement Flux                                                                | 452 lm                                    |               |               |            |                 |
| LED Flux=698lm LED Power=8.4W Eff=65% EfcLed=83lm/W EfcLum=48lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(9k)=50000h |                                           |                                                                                 |                                           |               |               |            |                 |
| C.I.E.                                                                                                        | 98 100 100 100 100                        | D DIN 5040                                                                      | A60                                       |               |               |            |                 |
| F UTE                                                                                                         | --                                        | B NBN                                                                           | BZ 1                                      |               |               |            |                 |

40mm x 40mm



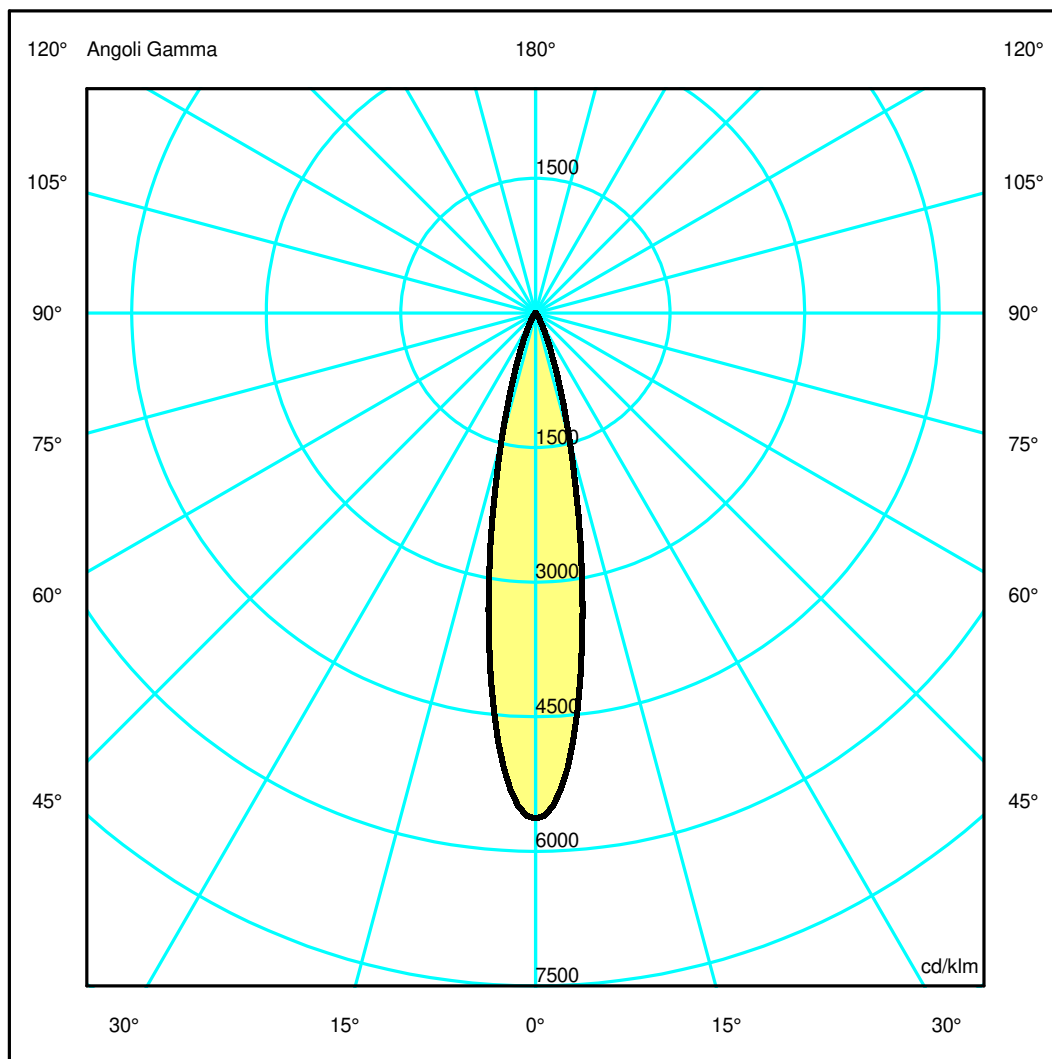
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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## Measurem.

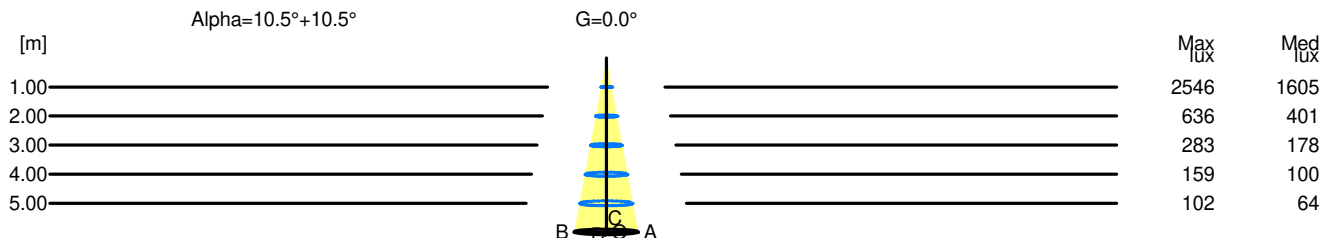
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|                                                                                                               |                                           |                                                                                 |                                           |               |               |            |                 |
|---------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------|---------------|---------------|------------|-----------------|
| Luminaire Flux                                                                                                | 452 lm                                    | Luminaire Power                                                                 | 9.5 W                                     | Efficacy      | 47.579 lm/W   | Efficiency | 100.00%         |
| Source Flux                                                                                                   | 452 lm                                    | Maximum value                                                                   | 5632.00 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<br>Emitting area on Plane 0°<br>Emitting area on Plane 90°                           | 0.000855 m2<br>0.000000 m2<br>0.000000 m2 | Emitting area on Plane 180°<br>Emitting area on Plane 270°<br>Glare area at 76° | 0.000000 m2<br>0.000000 m2<br>0.000207 m2 |               |               |            |                 |
| Coordinate system<br>Date<br>Measurement Distance                                                             | CG<br>21-06-2024<br>0.00                  | Symmetry Type<br>Maximum Gamma Angle<br>Measurement Flux                        | Rotosymmetrical<br>180<br>452 lm          |               |               |            |                 |
| LED Flux=698lm LED Power=8.4W Eff=65% EfcLed=83lm/W EfcLum=48lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(9k)=50000h |                                           |                                                                                 |                                           |               |               |            |                 |
| C.I.E.<br>F UTE                                                                                               | 98 100 100 100 100<br>--                  | 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   | 0.18 | 0.37 | 0.55 | 0.74 | 0.92 | OC   | 0.18 | 0.37 | 0.55 | 0.74 | 0.92 |
| OB   | 0.18 | 0.37 | 0.55 | 0.74 | 0.92 | OD   | 0.18 | 0.37 | 0.55 | 0.74 | 0.92 |

|    | Luminous Intensities [ cd/klm ] |         |        |        |       |      |      |      |      |      |
|----|---------------------------------|---------|--------|--------|-------|------|------|------|------|------|
|    | 0                               | 5       | 15     | 25     | 35    | 45   | 55   | 65   | 75   | 85   |
| OA | 2545.66                         | 2167.45 | 659.86 | 119.49 | 24.56 | 6.59 | 2.34 | 1.28 | 0.63 | 0.24 |
| OB | 2545.66                         | 2167.45 | 659.86 | 119.49 | 24.56 | 6.59 | 2.34 | 1.28 | 0.63 | 0.24 |
| OC | 2545.66                         | 2167.45 | 659.86 | 119.49 | 24.56 | 6.59 | 2.34 | 1.28 | 0.63 | 0.24 |
| OD | 2545.66                         | 2167.45 | 659.86 | 119.49 | 24.56 | 6.59 | 2.34 | 1.28 | 0.63 | 0.24 |



| H[m] | D[m] | Max lux | Med lux | Alpha=10.5°+10.5° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.37 | 2546    | 1605    |                   |       |
| 2.00 | 0.74 | 636     | 401     |                   |       |
| 3.00 | 1.11 | 283     | 178     |                   |       |
| 4.00 | 1.48 | 159     | 100     |                   |       |
| 5.00 | 1.85 | 102     | 64      |                   |       |