

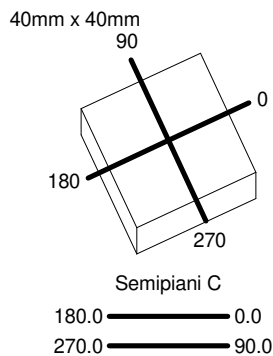
## Luminaire

Code KZ51004+AP90200  
 Name kata metron pst spt 2x40 Dali 930 SP nro + Lens for Elliptical emission

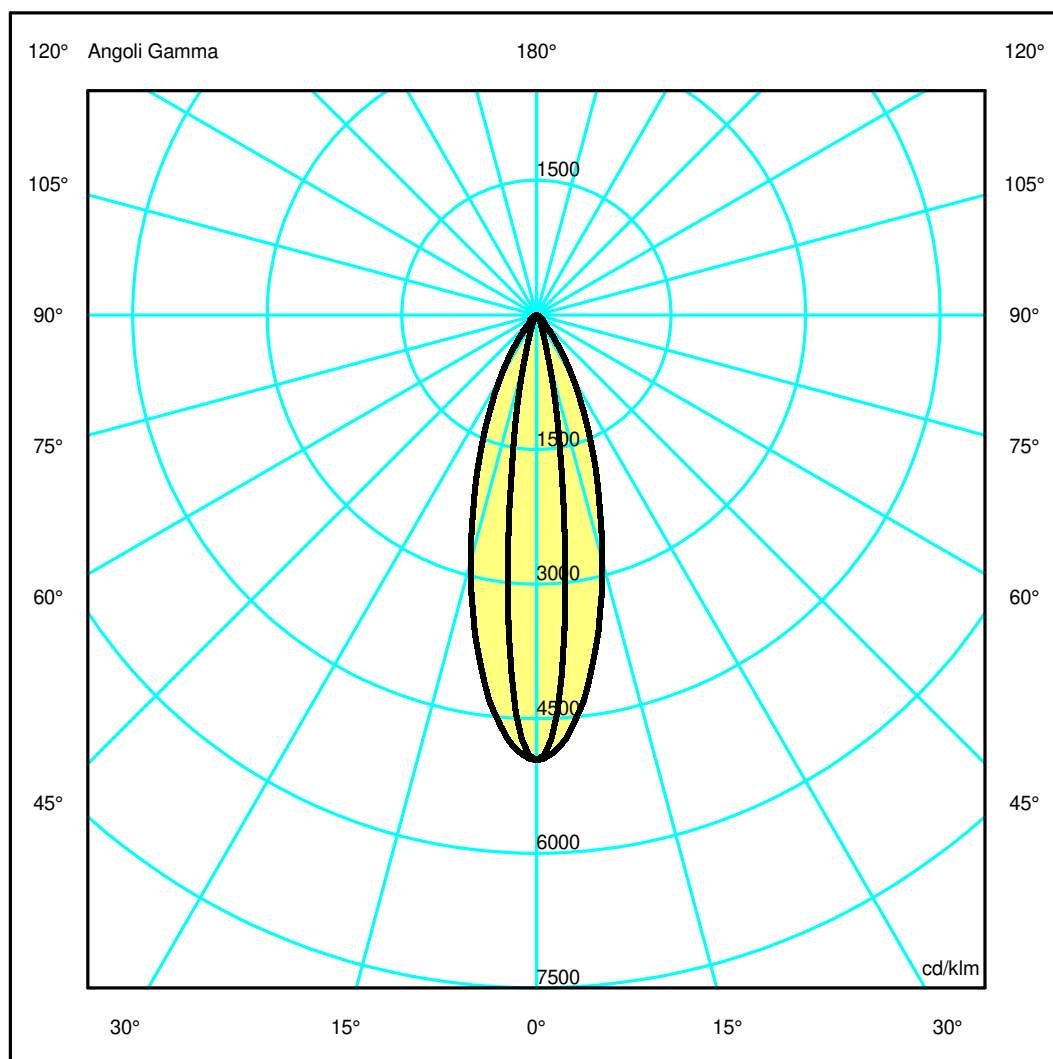
## Measurement

Code FTS2400448.  
 Name kata metron pst spt 2x40 Dali 930 SP nro + Lens for Elliptical emission

|   |                             |   |                |   |               |   |                    |
|---|-----------------------------|---|----------------|---|---------------|---|--------------------|
| Luminaire Flux  | 376 lm                      | Luminaire Power                           | 9.5 W          | Efficacy  | 39.579 lm/W   | Efficiency                                | 100.00%            |
| Source Flux   | 376 lm                      | Maximum value                             | 4963.04 cd/klm | Position  | C=0.00 G=0.00 | CG  | Double Symmetrical |
| 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                        |               | Double Symmetrical<br>180<br>376 lm       |                    |
| LED Flux=698lm LED Power=8.4W Eff=54% EfcLed=83lm/W EfcLum=40lm/W CCT=3000K Ra=90 R9=50 SDCM=3 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   |   |                    |



ULOR 0.00 %  
 DLOR 100.00 %  
 RN 0.00 %



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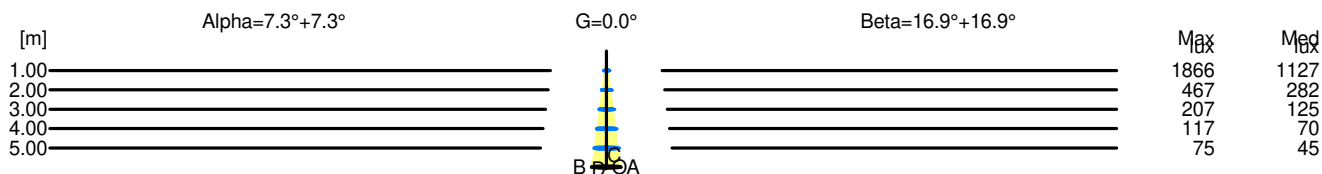
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| C.I.E.<br>F UTE   | 96 99 100 100 100<br>1.00 A |   |                | D DIN 5040<br>B NBN   | A60<br>BZ 1   |   |                    |

### 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   | 0.13 | 0.26 | 0.38 | 0.51 | 0.64 | OC   | 0.30 | 0.61 | 0.91 | 1.22 | 1.52 |
| OB   | 0.13 | 0.26 | 0.38 | 0.51 | 0.64 | OD   | 0.30 | 0.61 | 0.91 | 1.22 | 1.52 |

|    | Luminous Intensities [ cd/klm ] |         |         |        |        |       |       |       |      |      |
|----|---------------------------------|---------|---------|--------|--------|-------|-------|-------|------|------|
|    | 0                               | 5       | 15      | 25     | 35     | 45    | 55    | 65    | 75   | 85   |
| OA | 1866.10                         | 1334.48 | 203.29  | 41.33  | 12.01  | 3.67  | 1.57  | 0.98  | 0.61 | 0.29 |
| OB | 1866.10                         | 1334.48 | 203.29  | 41.33  | 12.01  | 3.67  | 1.57  | 0.98  | 0.61 | 0.29 |
| OC | 1866.10                         | 1728.82 | 1061.81 | 493.11 | 163.79 | 38.95 | 24.24 | 12.86 | 2.36 | 0.26 |
| OD | 1866.10                         | 1728.82 | 1061.81 | 493.11 | 163.79 | 38.95 | 24.24 | 12.86 | 2.36 | 0.26 |



| H[m] | D[m] | Max lux | Med lux | Alpha=7.3°+7.3° | G=0.0 |
|------|------|---------|---------|-----------------|-------|
| 1.00 | 0.26 | 1866    | 1127    |                 |       |
| 2.00 | 0.51 | 467     | 282     |                 |       |
| 3.00 | 0.77 | 207     | 125     |                 |       |
| 4.00 | 1.02 | 117     | 70      |                 |       |
| 5.00 | 1.28 | 75      | 45      |                 |       |

| H[m] | D[m] | Max lux | Med lux | Beta=16.9°+16.9° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.61 | 1866    | 1127    |                  |       |
| 2.00 | 1.22 | 467     | 282     |                  |       |
| 3.00 | 1.83 | 207     | 125     |                  |       |
| 4.00 | 2.43 | 117     | 70      |                  |       |
| 5.00 | 3.04 | 75      | 45      |                  |       |