

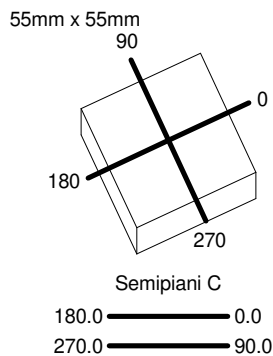
## Luminaire

Code KZ80004+AP91200  
 Name kata metron pst pnd 2x55 Dali 927 SP nro + Lens for Elliptical emission

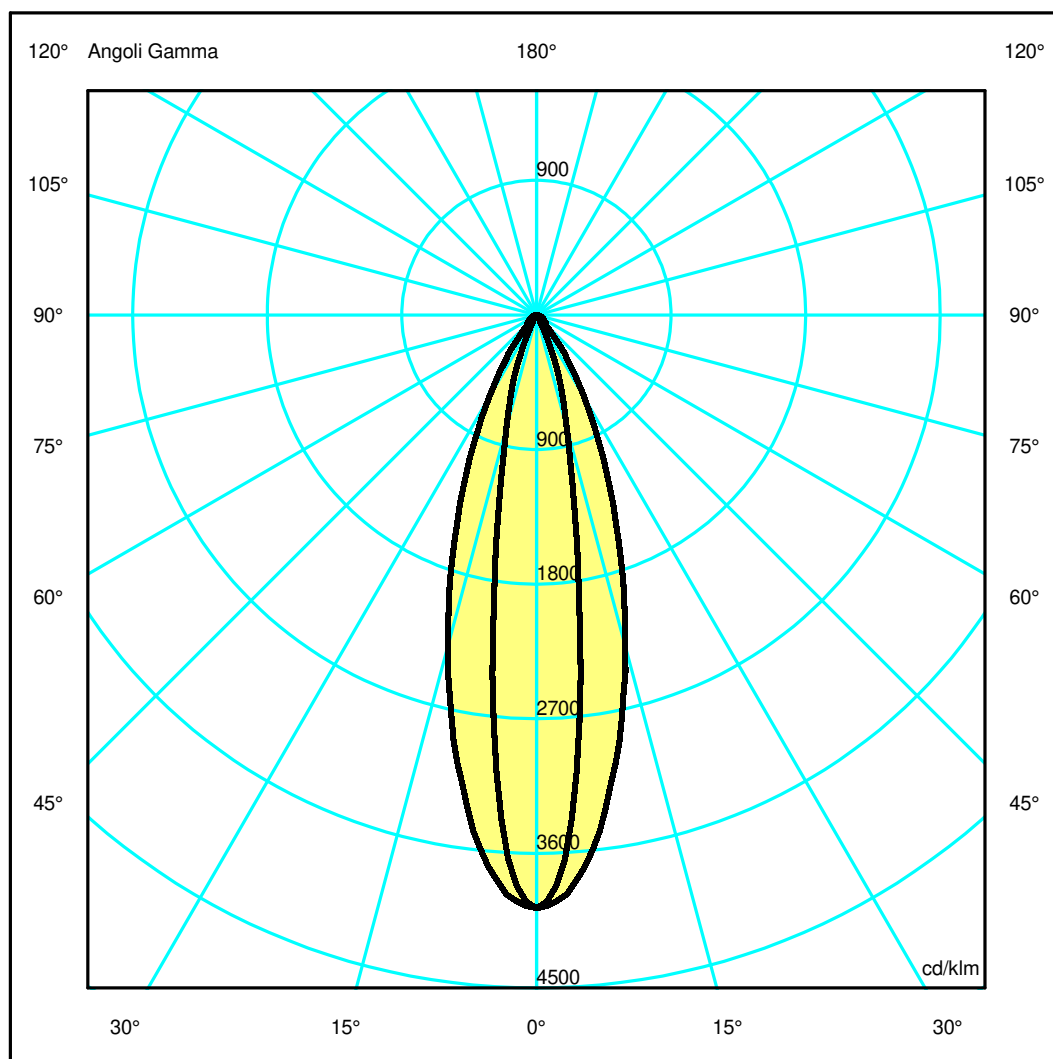
## Measurement

Code FTS2400364.  
 Name kata metron pst pnd 2x55 Dali 927 SP nro + Lens for Elliptical emission

|  |   |   |   |               |               |            |                    |
|--|---|---|---|---------------|---------------|------------|--------------------|
| Luminaire Flux   | 1087 lm                                   | Luminaire Power   | 20.0 W                                    | Efficacy      | 54.350 lm/W   | Efficiency | 100.00%            |
| Source Flux  | 1087 lm                                   | Maximum value   | 3966.90 cd/klm                            | Position      | C=0.00 G=0.00 | CG         | Double Symmetrical |
| Rectangular Luminaire<br>Round Luminous Area   | Length<br>Diam.                           | 55 mm<br>48 mm  | Width<br>Height                           | 55 mm<br>0 mm | Height        | 130 mm     |                    |
| Horizontal Luminous Area<br>Emitting area on Plane 0°<br>Emitting area on Plane 90°                            | 0.001810 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>0.000438 m2 |               |               |            |                    |
| Coordinate system  | CG  | Symmetry Type   | Double Symmetrical                        |               |               |            |                    |
| Date   | 20-06-2024                                | Maximum Gamma Angle   | 180                                       |               |               |            |                    |
| Measurement Distance   | 0.00                                      | Measurement Flux  | 1087 lm                                   |               |               |            |                    |
| LED Flux=2404lm LED Power=18W Eff=45% EfcLed=137lm/W EfcLum=54lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(9k)=50000h |   |   |   |               |               |            |                    |
| C.I.E.   | 94 98 99 100 100                          | D DIN 5040  | A60                                       |               |               |            |                    |
| F UTE  | 1.00 A                                    | B NBN   | BZ 1                                      |               |               |            |                    |



ULOR 0.00 %  
 DLOR100.00 %  
 RN 0.00 %



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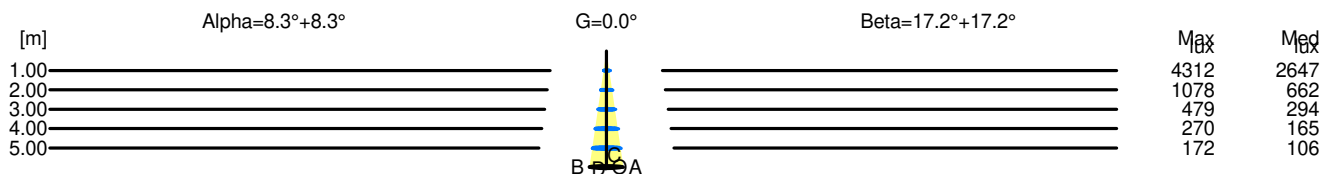
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| Rectangular Luminaire<br>Round Luminous Area   | Length<br>Diam.                           | 55 mm<br>48 mm  | Width<br>Height                           | 55 mm<br>0 mm | Height        | 130 mm     |                    |
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| Coordinate system<br>Date<br>Measurement Distance  | CG<br>20-06-2024<br>0.00                  | Symmetry Type<br>Maximum Gamma Angle<br>Measurement Flux                        | Double Symmetrical<br>180<br>1087 lm      |               |               |            |                    |
| LED Flux=2404lm LED Power=18W Eff=45% EfcLed=137lm/W EfcLum=54lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(9k)=50000h |   |   |   |               |               |            |                    |
| C.I.E.<br>F UTE  | 94 98 99 100 100<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   | 0.15 | 0.29 | 0.44 | 0.59 | 0.73 | OC   | 0.31 | 0.62 | 0.93 | 1.24 | 1.55 |
| OB   | 0.15 | 0.29 | 0.44 | 0.59 | 0.73 | OD   | 0.31 | 0.62 | 0.93 | 1.24 | 1.55 |

|    | Luminous Intensities [ cd/klm] |         |         |         |        |       |       |       |       |      |
|----|--------------------------------|---------|---------|---------|--------|-------|-------|-------|-------|------|
|    | 0                              | 5       | 15      | 25      | 35     | 45    | 55    | 65    | 75    | 85   |
| OA | 4312.02                        | 3340.68 | 842.64  | 152.65  | 26.07  | 13.83 | 7.90  | 5.52  | 4.45  | 1.29 |
| OB | 4312.02                        | 3340.68 | 842.64  | 152.65  | 26.07  | 13.83 | 7.90  | 5.52  | 4.45  | 1.29 |
| OC | 4312.02                        | 4023.67 | 2483.03 | 1149.95 | 374.27 | 95.05 | 67.69 | 43.46 | 28.86 | 7.96 |
| OD | 4312.02                        | 4023.67 | 2483.03 | 1149.95 | 374.27 | 95.05 | 67.69 | 43.46 | 28.86 | 7.96 |



| H[m] | D[m] | Max lux | Med lux | Alpha=8.3°+8.3° | G=0.0 |
|------|------|---------|---------|-----------------|-------|
| 1.00 | 0.29 | 4312    | 2647    |                 |       |
| 2.00 | 0.59 | 1078    | 662     |                 |       |
| 3.00 | 0.88 | 479     | 294     |                 |       |
| 4.00 | 1.17 | 270     | 165     |                 |       |
| 5.00 | 1.46 | 172     | 106     |                 |       |

| H[m] | D[m] | Max lux | Med lux | Beta=17.2°+17.2° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.62 | 4312    | 2647    |                  |       |
| 2.00 | 1.24 | 1078    | 662     |                  |       |
| 3.00 | 1.85 | 479     | 294     |                  |       |
| 4.00 | 2.47 | 270     | 165     |                  |       |
| 5.00 | 3.09 | 172     | 106     |                  |       |