

Luminaire

Code KZ23104+AP90200
 Name kata metron pst pen 1x40 Dali 940 FL nr + Lens for Elliptical emission

Measurement

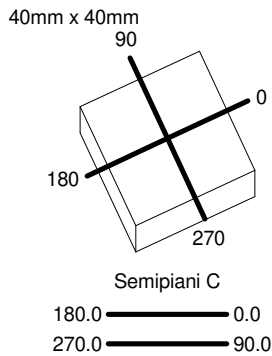
Code FTS2400425.
 Name kata metron pst pen 1x40 Dali 940 FL nr + Lens for Elliptical emission

| | | | | | | | |
|---|--------|---|----------------|---|---------------|---|--------------------|
| Luminaire Flux | 364 lm | Luminaire Power | 11.0 W | Efficacy | 33.091 lm/W | Efficiency | 100.00% |
| Source Flux | 364 lm | Maximum value | 3396.08 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |
| Rectangular Luminaire Round Luminous Area | | Length Diam. | 40 mm 33 mm | Width Height | 40 mm 0 mm | Height | 103 mm |
| Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90° | | 0.000855 m2 0.000000 m2 0.000000 m2 | | Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76° | | 0.000000 m2 0.000000 m2 0.000207 m2 | |
| Coordinate system Date Measurement Distance | | CG 21-06-2024 0.00 | | Symmetry Type Maximum Gamma Angle Measurement Flux | | Double Symmetrical 180 364 lm | |

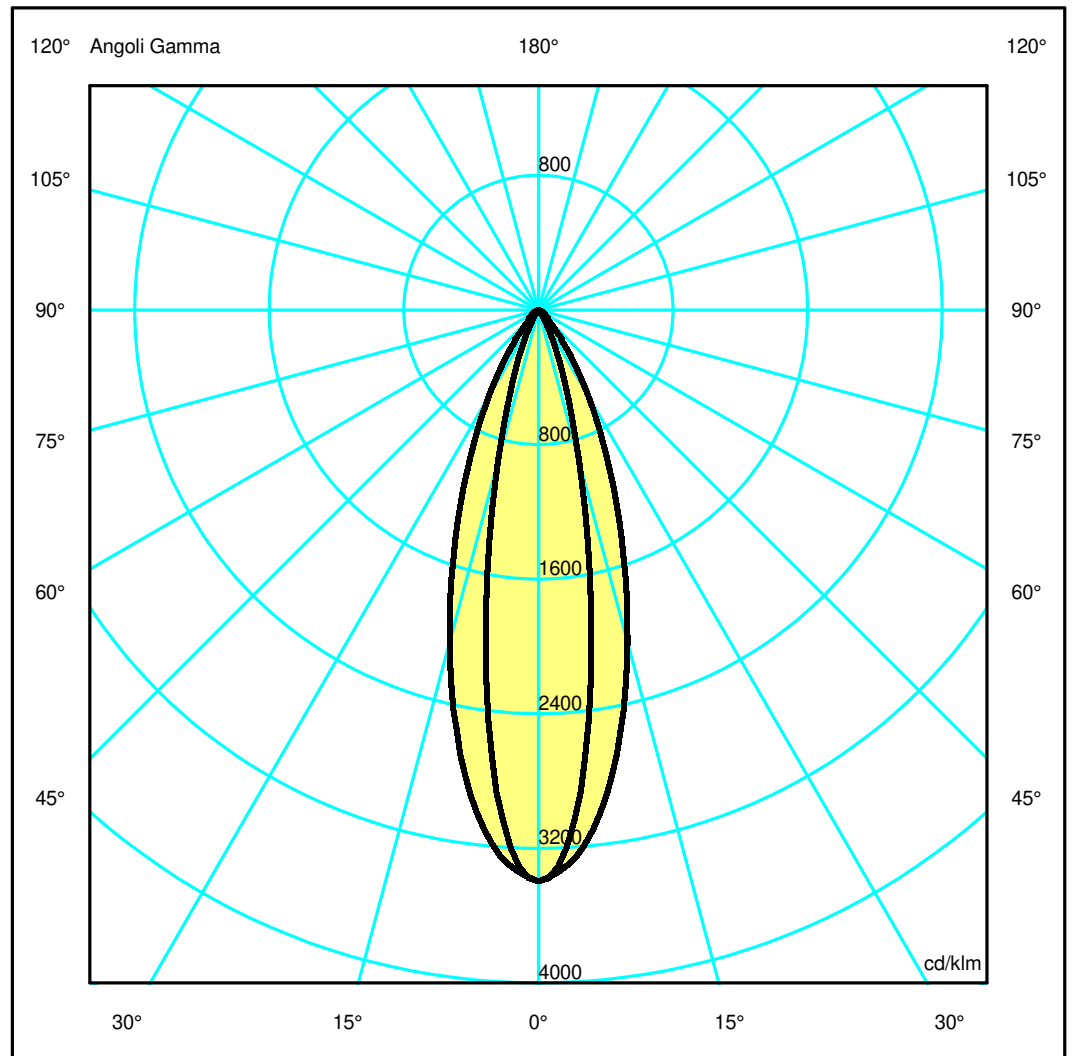
LED Flux=929lm LED Power=8W Eff=39% EfcLed=118lm/W EfcLum=33lm/W CCT=4000K Ra=90 R9=50 SDCM=2 L70(9k)=50000h

C.I.E. 96 99 100 100 100
 F UTE 1.00 A

D DIN 5040
 B NBN
 A60
 BZ 1



ULOR 0.00 %
 DLOR 100.00 %
 RN 0.00 %



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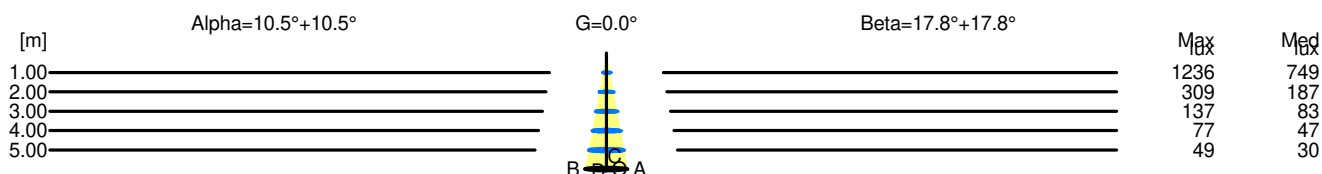
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| C.I.E. F UTE | 96 99 100 100 100 1.00 A | | | D DIN 5040 B NBN | A60 BZ 1 | | |

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 | 0.19 | 0.37 | 0.56 | 0.74 | 0.93 | OC | 0.32 | 0.64 | 0.96 | 1.28 | 1.60 |
| OB | 0.19 | 0.37 | 0.56 | 0.74 | 0.93 | OD | 0.32 | 0.64 | 0.96 | 1.28 | 1.60 |

| | | | | | | | | | | |
|----|---------------------------------|---------|--------|--------|--------|-------|-------|-------|------|------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 1236.17 | 1046.01 | 339.04 | 77.94 | 12.46 | 4.36 | 2.15 | 1.35 | 0.87 | 0.29 |
| OB | 1236.17 | 1046.01 | 339.04 | 77.94 | 12.46 | 4.36 | 2.15 | 1.35 | 0.87 | 0.29 |
| OC | 1236.17 | 1158.94 | 743.12 | 347.96 | 120.12 | 29.83 | 15.30 | 10.28 | 2.24 | 0.28 |
| OD | 1236.17 | 1158.94 | 743.12 | 347.96 | 120.12 | 29.83 | 15.30 | 10.28 | 2.24 | 0.28 |



| H[m] | D[m] | Max lux | Med lux | Alpha=10.5°+10.5° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.37 | 1236 | 749 | | |
| 2.00 | 0.74 | 309 | 187 | | |
| 3.00 | 1.11 | 137 | 83 | | |
| 4.00 | 1.48 | 77 | 47 | | |
| 5.00 | 1.85 | 49 | 30 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=17.8°+17.8° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.64 | 1236 | 749 | | |
| 2.00 | 1.28 | 309 | 187 | | |
| 3.00 | 1.93 | 137 | 83 | | |
| 4.00 | 2.57 | 77 | 47 | | |
| 5.00 | 3.21 | 49 | 30 | | |