

Luminaire

Code TC42104_AP91200

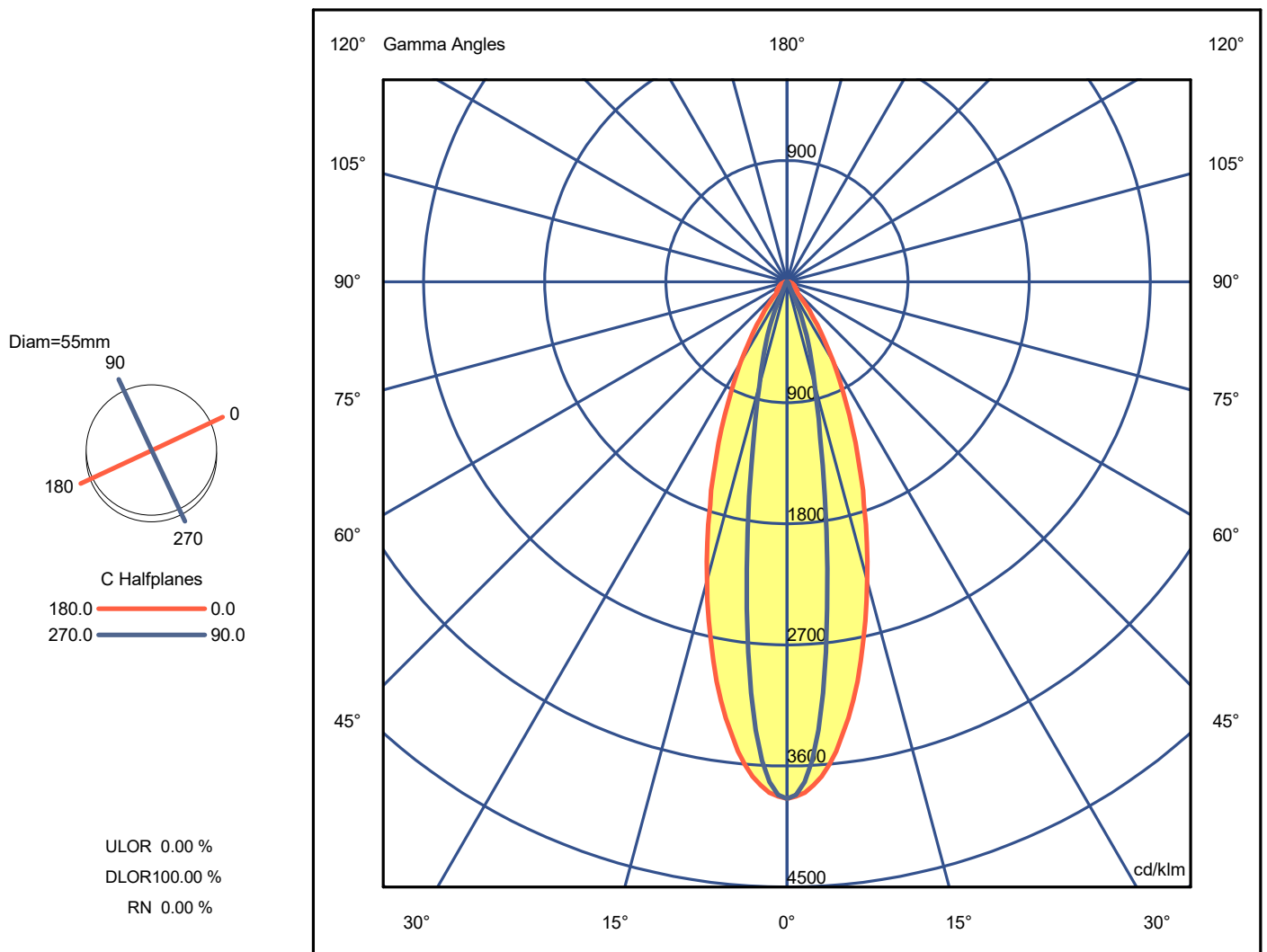
Name T. A. SYST GOPLE 80 PENDANT 23W 35K 90CRI S 16° BLACK 48VDC + Elliptical Lens

Measurem.

Code RDN180196

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| | | | | | | | |
|--|-------------------|-----------------|----------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux | 1035.16 lm | Luminaire Power | 24.00 W | Efficacy | 43.13 lm/W | Efficiency | 100.00% |
| Sources Flux | 1035.16 lm | Maximum value | 3842.70 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |
| Round Luminaire | | Diam. | 55 mm | Height | 130 mm | | |
| Round Luminous Area | | Diam. | 46 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | 0.001662 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° | | 0.000402 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Double Symmetrical | |
| Date | | 18-09-2023 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 1035.16 lm | |
| LED Flux=2468lm LED Power=22W Eff=42% EfcLed=114lm/W EfcLum=45lm/W CCT=3500K Ra=90 R9=50 SDCM=3 L70(6K)=50000h | | | | | | | |
| C.I.E. | 95 98 100 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | 1.00 A | | | B NBN | BZ 1 | | |



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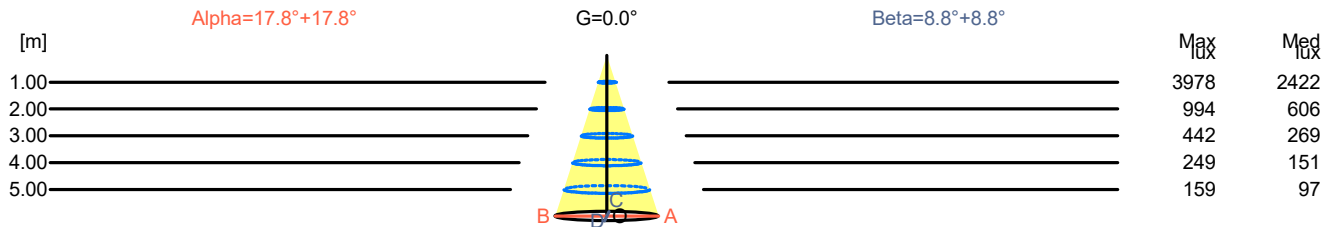
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|----------------|------------|-----------------|----------------|----------|---------------|-----------------------|---------|
| Luminaire Flux | 1035.16 lm | Luminaire Power | 24.00 W | Efficacy | 43.13 lm/W | Efficiency | 100.00% |
| Sources Flux | 1035.16 lm | Maximum value | 3842.70 cd/klm | Position | C=0.00 G=0.00 | CG Double Symmetrical | |

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 | 0.32 | 0.64 | 0.96 | 1.28 | 1.61 | OC | 0.16 | 0.31 | 0.47 | 0.62 | 0.78 |
| OB | 0.32 | 0.64 | 0.96 | 1.28 | 1.61 | OD | 0.16 | 0.31 | 0.47 | 0.62 | 0.78 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|---------|---------|---------|---------|--------|--------|-------|-------|-------|------|
| OA | 3977.83 | 3727.44 | 2381.13 | 1136.01 | 403.64 | 108.27 | 64.22 | 54.35 | 30.47 | 6.65 |
| OB | 3977.83 | 3727.44 | 2381.13 | 1136.01 | 403.64 | 108.27 | 64.22 | 54.35 | 30.47 | 6.65 |
| OC | 3977.83 | 3175.88 | 824.80 | 131.27 | 20.75 | 10.11 | 5.29 | 2.31 | 1.89 | 0.84 |
| OD | 3977.83 | 3175.88 | 824.80 | 131.27 | 20.75 | 10.11 | 5.29 | 2.31 | 1.89 | 0.84 |



| H[m] | D[m] | Max lux | Med lux | Alpha=17.8°+17.8° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.64 | 3978 | 2422 | | |
| 2.00 | 1.28 | 994 | 606 | | |
| 3.00 | 1.93 | 442 | 269 | | |
| 4.00 | 2.57 | 249 | 151 | | |
| 5.00 | 3.21 | 159 | 97 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=8.8°+8.8° | G=0.0 |
|------|------|---------|---------|----------------|-------|
| 1.00 | 0.31 | 3978 | 2422 | | |
| 2.00 | 0.62 | 994 | 606 | | |
| 3.00 | 0.93 | 442 | 269 | | |
| 4.00 | 1.24 | 249 | 151 | | |
| 5.00 | 1.55 | 159 | 97 | | |