

Luminaire

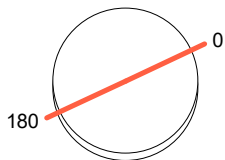
Code TC42104_AP91300
Name T. A. SYST GOPLE 80 PENDANT 23W 35K 90CRI S 16° BLACK 48VDC + Soft Filter

Measurement

Code RDN210509
Name T. A. SYST GOPLE 80 PENDANT 23W 35K 90CRI S 16° BLACK 48VDC + Soft Filter

| | | | | | | | |
|--|-------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux | 1246.19 lm | Luminaire Power | 24.00 W | Efficacy | 51.92 lm/W | Efficiency | 100.00% |
| Sources Flux | 1246.19 lm | Maximum value | 4480.84 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |
| 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 | | Rotosymmetrical | |
| Date | | 18-09-2023 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 1246.19 lm | |
| LED Flux=2468lm LED Power=22W Eff=50% EfcLed=114lm/W EfcLum=54lm/W CCT=3500K Ra=90 R9=50 SDCM=3 L70(6K)=50000h | | | | | | | |
| C.I.E. | 98 99 100 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | — | | | B NBN | BZ 1 | | |

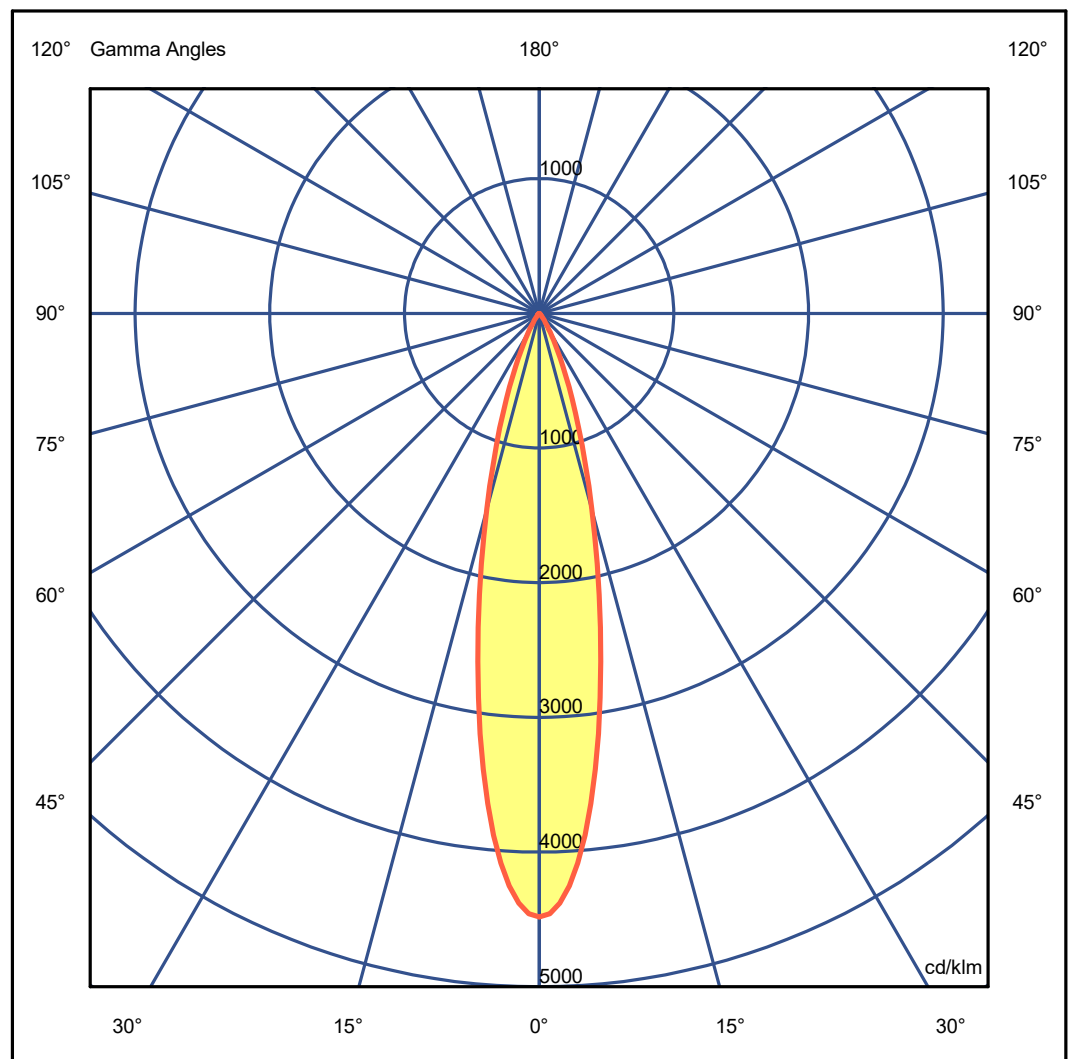
Diam=55mm



C Halfplanes

180.0 — 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Measurem.

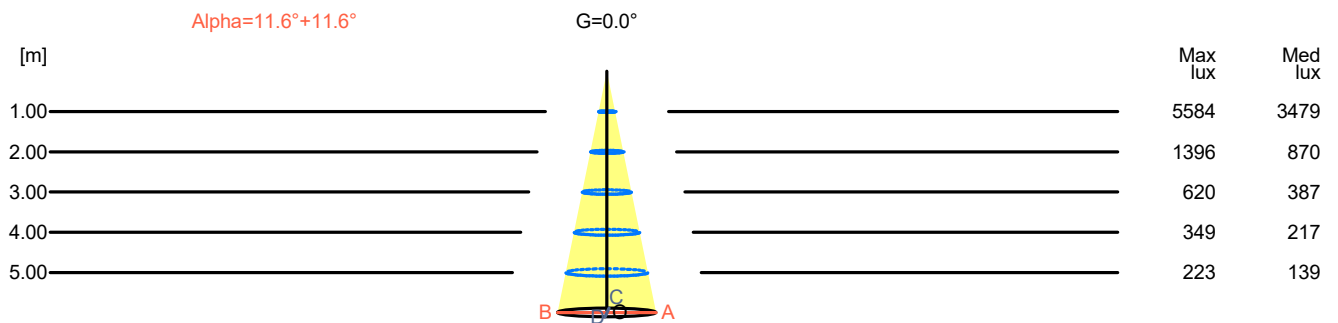
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Width at 50.00 % of Max Intensity

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 | 0.20 | 0.41 | 0.61 | 0.82 | 1.02 | OC | 0.20 | 0.41 | 0.61 | 0.82 | 1.02 |
| OB | 0.20 | 0.41 | 0.61 | 0.82 | 1.02 | OD | 0.20 | 0.41 | 0.61 | 0.82 | 1.02 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|--------------------------------|---------|---------|--------|-------|-------|------|------|------|------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 5584.00 | 4846.93 | 1872.91 | 460.60 | 87.02 | 18.65 | 7.05 | 5.17 | 3.33 | 0.91 |
| OB | 5584.00 | 4846.93 | 1872.91 | 460.60 | 87.02 | 18.65 | 7.05 | 5.17 | 3.33 | 0.91 |
| OC | 5584.00 | 4846.93 | 1872.91 | 460.60 | 87.02 | 18.65 | 7.05 | 5.17 | 3.33 | 0.91 |
| OD | 5584.00 | 4846.93 | 1872.91 | 460.60 | 87.02 | 18.65 | 7.05 | 5.17 | 3.33 | 0.91 |



| H[m] | D[m] | Max lux | Med lux | Alpha=11.6°+11.6° | G=0.0 | |
|------|------|---------|---------|-------------------|-------|--|
| 1.00 | 0.41 | 5584 | 3479 | | | |
| 2.00 | 0.82 | 1396 | 870 | | | |
| 3.00 | 1.23 | 620 | 387 | | | |
| 4.00 | 1.64 | 349 | 217 | | | |
| 5.00 | 2.04 | 223 | 139 | | | |