

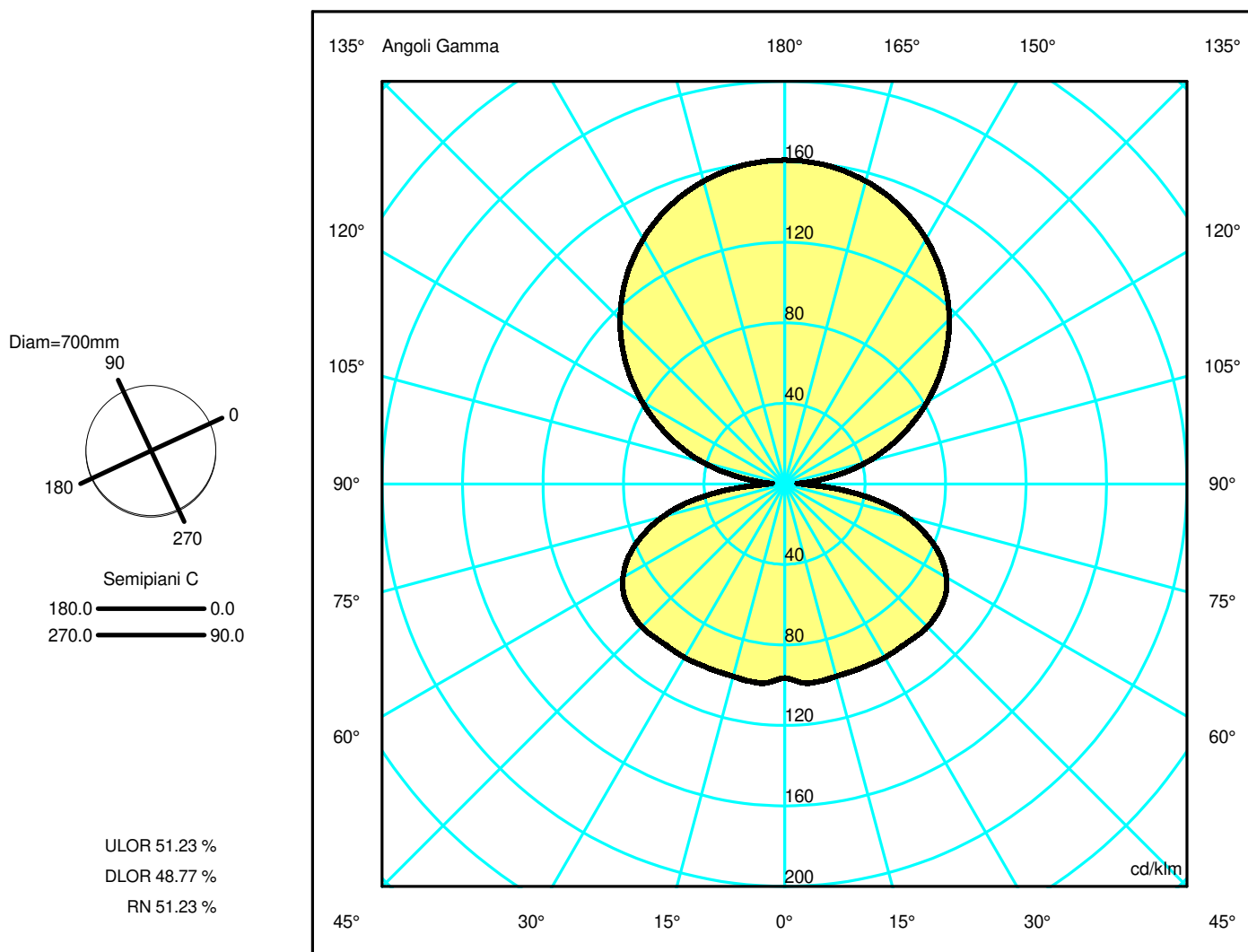
Luminaire

Code 1992230A_N
Name DISCOVERY VERTICAL 70 TW NRO - COLD

Measurerm.

Code FTS2000385
Name DISCOVERY VERTICAL 70 TW NRO - COLD

| | | | | | | | |
|---|-----------------|-----------------|---------------|-----------------------------|-----------------|--------------|--------------|
| Luminaire Flux | 3343 lm | Luminaire Power | 50.0 W | Efficacy | 66.860 lm/W | Efficiency | 100.00% |
| Source Flux | 3343 lm | Maximum value | 160.92 cd/klm | Position | C=0.00 G=180.00 | CG | Asymmetrical |
| Round Luminaire | | Diam. | 700 mm | Height | 17 mm | | |
| Round Luminous Area | | Diam. | 635 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | | 0.316692 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° | | | 0.076615 m2 |
| Coordinate system | | CG | | Symmetry Type | | Asymmetrical | |
| Date | | 11-11-2020 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 3343 lm | |
| LED Flux=5529,72lm LED Power=42W Eff=60% EfcLed=132lm/W EfcLum=67lm/W CCT=6500K Ra=80 - L70(6K)=60000 h | | | | | | | |
| C.I.E. | 32 64 89 49 100 | | | D DIN 5040 | C22 | | |
| F UTE | 0.49 I + 0.51 T | | | B NBN | BZ 6 | | |



Luminaire

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Name DISCOVERY VERTICAL 70 TW NRO - COLD

Measurment.

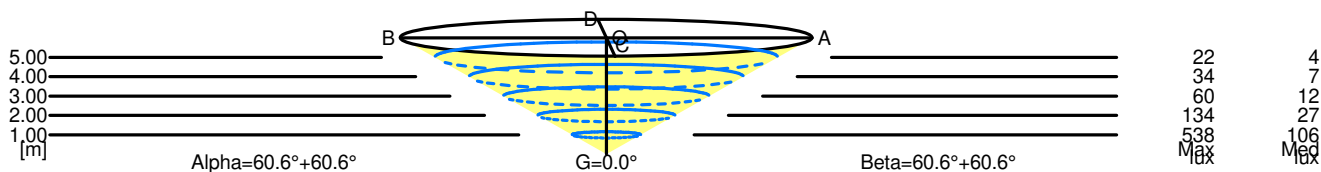
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Width at 50.00 % of Max Intensity

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 | 1.77 | 3.55 | 5.32 | 7.09 | 8.86 | OC | 1.77 | 3.55 | 5.32 | 7.09 | 8.86 |
| OB | 1.77 | 3.55 | 5.32 | 7.09 | 8.86 | OD | 1.77 | 3.55 | 5.32 | 7.09 | 8.86 |

| | | | | | | | | | | |
|----|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 537.94 | 536.02 | 520.67 | 490.56 | 445.64 | 386.62 | 314.26 | 231.28 | 141.75 | 43.48 |
| OB | 537.94 | 536.02 | 520.67 | 490.56 | 445.64 | 386.62 | 314.26 | 231.28 | 141.75 | 43.48 |
| OC | 537.94 | 536.02 | 520.67 | 490.56 | 445.64 | 386.62 | 314.26 | 231.28 | 141.75 | 43.48 |
| OD | 537.94 | 536.02 | 520.67 | 490.56 | 445.64 | 386.62 | 314.26 | 231.28 | 141.75 | 43.48 |



| | | | | |
|------|-------|---------|---------|-------------------------|
| 5.00 | 17.73 | 22 | 4 | |
| 4.00 | 14.18 | 34 | 7 | |
| 3.00 | 10.64 | 60 | 12 | |
| 2.00 | 7.09 | 134 | 27 | |
| 1.00 | 3.55 | 538 | 106 | |
| H[m] | D[m] | Max lux | Med lux | Alpha=60.6°+60.6° G=0.0 |

| | | | | |
|------|-------|---------|---------|------------------------|
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| 4.00 | 14.18 | 34 | 7 | |
| 3.00 | 10.64 | 60 | 12 | |
| 2.00 | 7.09 | 134 | 27 | |
| 1.00 | 3.55 | 538 | 106 | |
| H[m] | D[m] | Max lux | Med lux | Beta=60.6°+60.6° G=0.0 |