

Luminaire

Code 1994030A
Name DISCOVERY VERTICAL 140 NRO

Measur.

Code FTS1802409
Name DISCOVERY VERTICAL 140 NRO

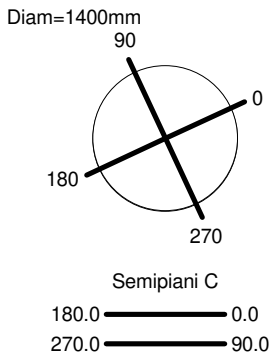
| | | | | | | | |
|----------------------------|---------|-----------------|-------------------------|-----------------------------|-----------------|--------------|-------------------------|
| Luminaire Flux | 6762 lm | Luminaire Power | 80.0 W | Efficacy | 84.524 lm/W | Efficiency | 100.00% |
| Source Flux | 6762 lm | Maximum value | 162.13 cd/klm | Position | C=0.00 G=180.00 | CG | Asymmetrical |
| Round Luminaire | | Diam. | 1400 mm | Height | 17 mm | | |
| Round Luminous Area | | Diam. | 1350 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | | 1.431388 m ² | Emitting area on Plane 180° | | | 0.000000 m ² |
| Emitting area on Plane 0° | | | 0.000000 m ² | Emitting area on Plane 270° | | | 0.000000 m ² |
| Emitting area on Plane 90° | | | 0.000000 m ² | Glare area at 76° | | | 0.346284 m ² |
| Coordinate system | | CG | | Symmetry Type | | Asymmetrical | |
| Date | | 03-12-2020 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 6762 lm | |

LED Flux=10325,14lm LED Power=71W Eff=65% EfcLed=145lm/W EfcLum=85lm/W CCT=3000K Ra=90 SDCM=3 L70(6K)=50000 h

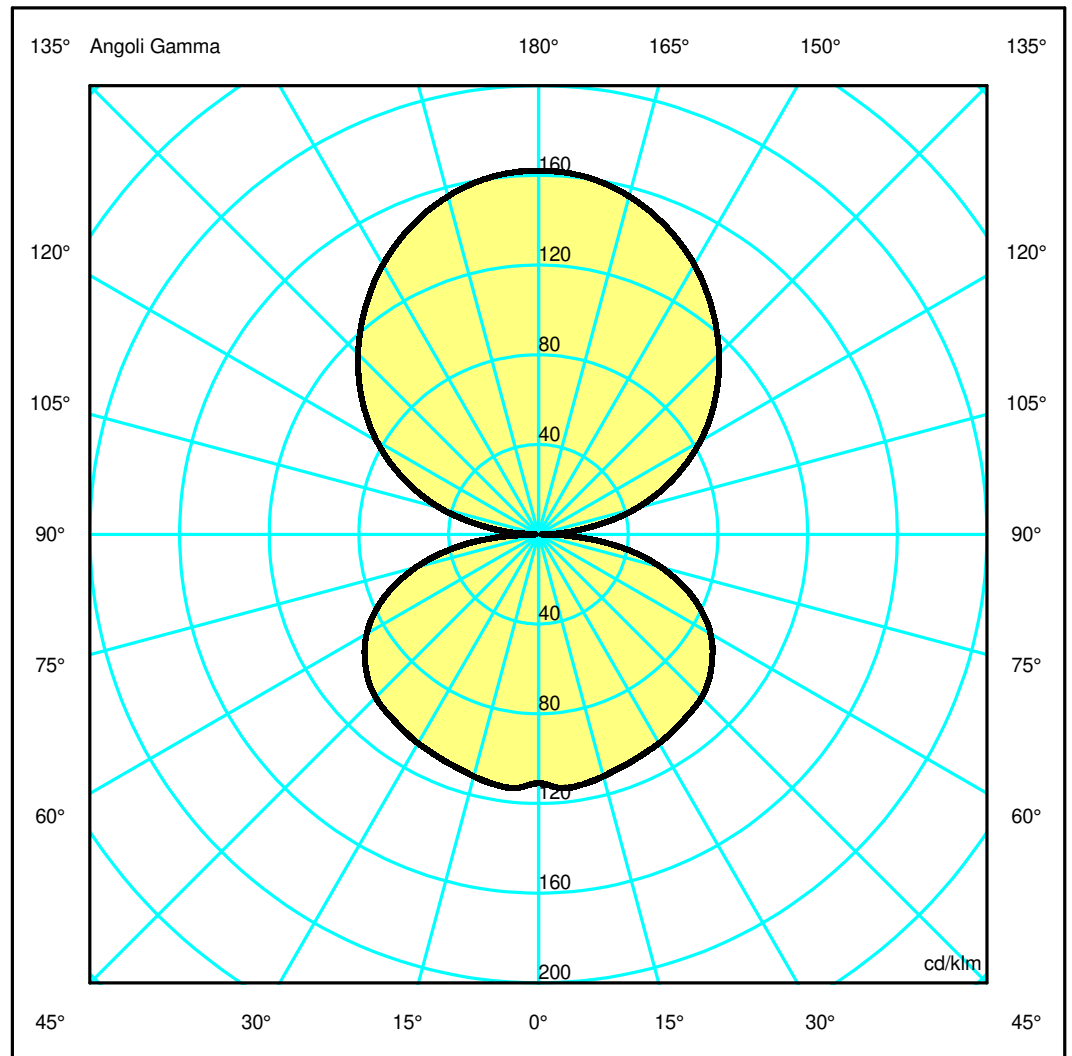
C.I.E. 35 67 91 48 100
F UTE 0.48 G + 0.52 T

D DIN 5040
B NBN

C22
BZ 6



ULOR 51.51 %
DLOR 48.49 %
RN 51.51 %



Luminaire

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Measurment

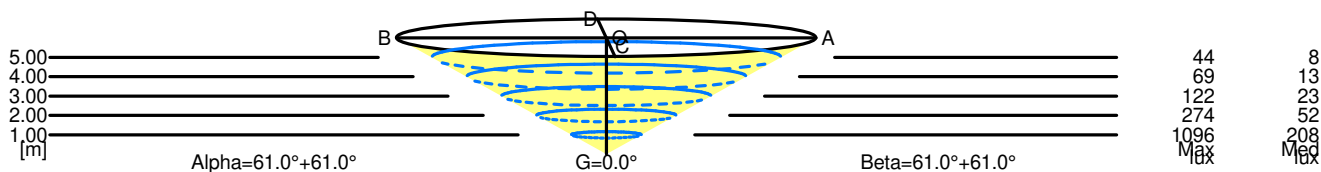
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| | | | | | | | |
|---|-----------------|-----------------|---------------|-----------------------------|-----------------|--------------|--------------|
| Luminaire Flux | 6762 lm | Luminaire Power | 80.0 W | Efficacy | 84.524 lm/W | Efficiency | 100.00% |
| Source Flux | 6762 lm | Maximum value | 162.13 cd/klm | Position | C=0.00 G=180.00 | CG | Asymmetrical |
| Round Luminaire | | Diam. | 1400 mm | Height | 17 mm | | |
| Round Luminous Area | | Diam. | 1350 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | | 1.431388 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° | | | 0.346284 m2 |
| Coordinate system | | CG | | Symmetry Type | | Asymmetrical | |
| Date | | 03-12-2020 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 6762 lm | |
| LED Flux=10325,14lm LED Power=71W Eff=65% EfcLed=145lm/W EfcLum=85lm/W CCT=3000K Ra=90 SDCM=3 L70(6K)=50000 h | | | | | | | |
| C.I.E. | 35 67 91 48 100 | | | D DIN 5040 | C22 | | |
| F UTE | 0.48 G + 0.52 T | | | B NBN | BZ 6 | | |

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 | 1.80 | 3.61 | 5.41 | 7.22 | 9.02 | OC | 1.80 | 3.61 | 5.41 | 7.22 | 9.02 |
| OB | 1.80 | 3.61 | 5.41 | 7.22 | 9.02 | OD | 1.80 | 3.61 | 5.41 | 7.22 | 9.02 |

| | | | | | | | | | | |
|----|---------------------------------|---------|---------|--------|--------|--------|--------|--------|--------|-------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 1096.28 | 1092.70 | 1055.13 | 984.23 | 886.89 | 769.59 | 636.70 | 483.51 | 308.05 | 98.81 |
| OB | 1096.28 | 1092.70 | 1055.13 | 984.23 | 886.89 | 769.59 | 636.70 | 483.51 | 308.05 | 98.81 |
| OC | 1096.28 | 1092.70 | 1055.13 | 984.23 | 886.89 | 769.59 | 636.70 | 483.51 | 308.05 | 98.81 |
| OD | 1096.28 | 1092.70 | 1055.13 | 984.23 | 886.89 | 769.59 | 636.70 | 483.51 | 308.05 | 98.81 |



| | | | | |
|------|-------|---------|---------|-------------------------|
| 5.00 | 18.05 | 44 | 8 | |
| 4.00 | 14.44 | 69 | 13 | |
| 3.00 | 10.83 | 122 | 23 | |
| 2.00 | 7.22 | 274 | 52 | |
| 1.00 | 3.61 | 1096 | 208 | |
| H[m] | D[m] | Max lux | Med lux | Alpha=61.0°+61.0° G=0.0 |

| | | | | |
|------|-------|---------|---------|------------------------|
| 5.00 | 18.04 | 44 | 8 | |
| 4.00 | 14.43 | 69 | 13 | |
| 3.00 | 10.83 | 122 | 23 | |
| 2.00 | 7.22 | 274 | 52 | |
| 1.00 | 3.61 | 1096 | 208 | |
| H[m] | D[m] | Max lux | Med lux | Beta=61.0°+61.0° G=0.0 |