

Luminaire

Code 1994230A_W
Name DISCOVERY VERTICAL 140 TW NRO - WARM

Measurerm.

Code FTS2000432
Name DISCOVERY VERTICAL 140 TW NRO - WARM

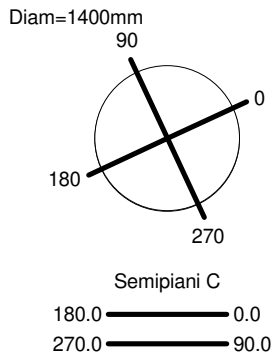
| | | | | | | | |
|----------------------------|---------|-----------------|---------------|-----------------------------|-----------------|--------------|--------------|
| Luminaire Flux | 5487 lm | Luminaire Power | 84.0 W | Efficacy | 65.323 lm/W | Efficiency | 100.00% |
| Source Flux | 5487 lm | Maximum value | 161.73 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 | | 11-11-2020 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 5487 lm | |

LED Flux=8928,77lm LED Power=71W Eff=61% EfcLed=126lm/W EfcLum=61lm/W CCT=2700K Ra=80 - L70(6K)=60000 h

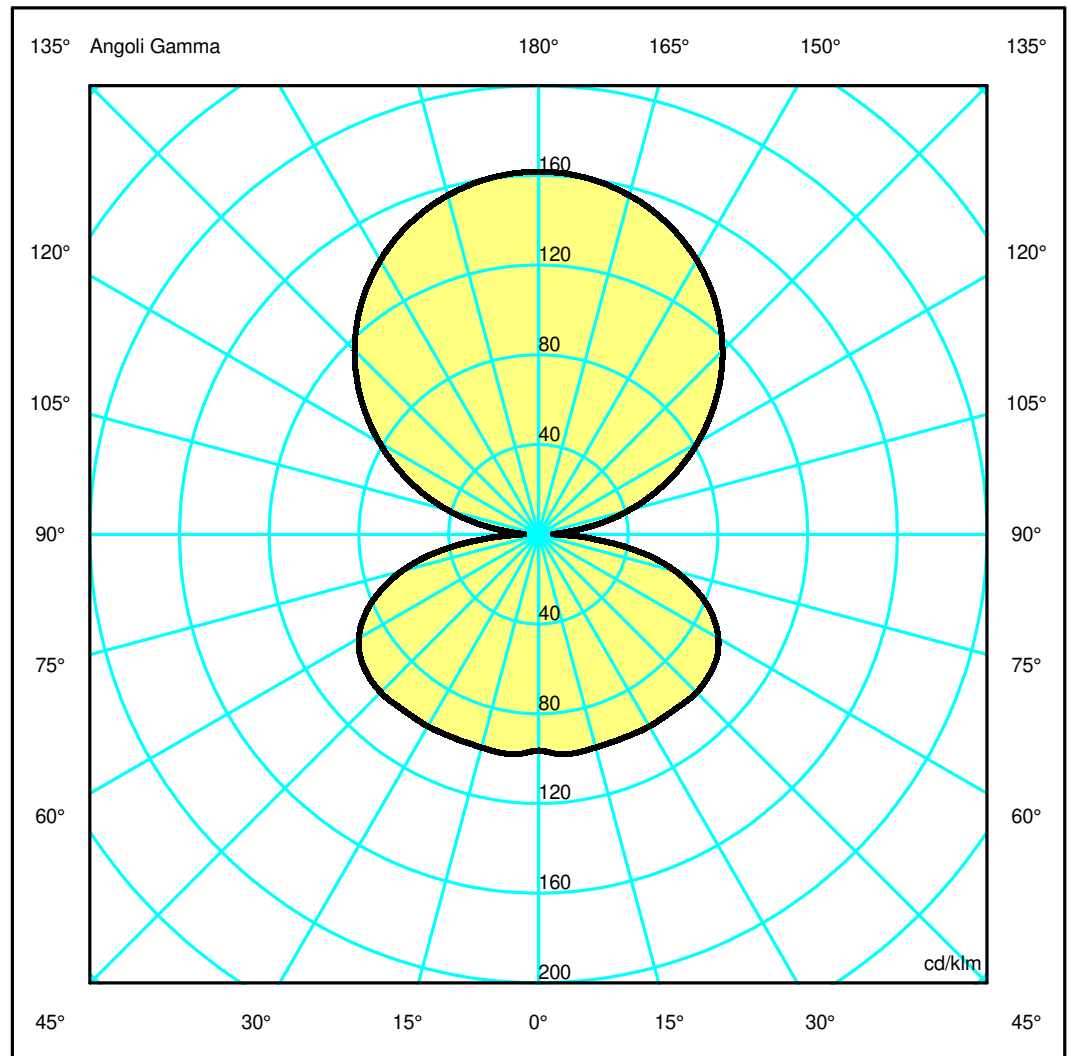
C.I.E. 32 63 89 49 100
F UTE 0.49 I + 0.51 T

D DIN 5040
B NBN

C22
BZ 6



ULOR 51.32 %
DLOR 48.68 %
RN 51.32 %



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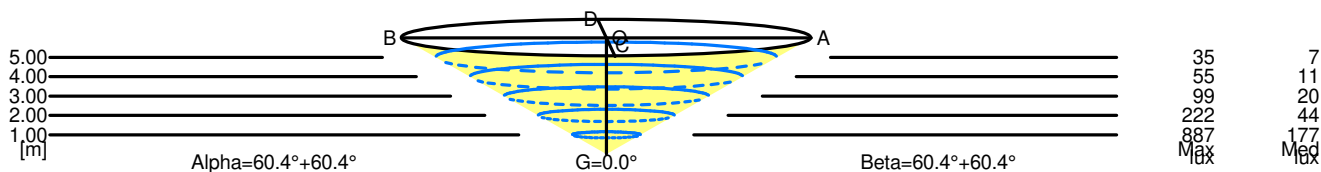
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|---|-----------------|-----------------|---------------|-----------------------------|-----------------|------------|--------------|
| Luminaire Flux | 5487 lm | Luminaire Power | 84.0 W | Efficacy | 65.323 lm/W | Efficiency | 100.00% |
| Source Flux | 5487 lm | Maximum value | 161.73 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 | | 11-11-2020 | | Maximum Gamma Angle | | | 180 |
| Measurement Distance | | 0.00 | | Measurement Flux | | | 5487 lm |
| LED Flux=8928,77lm LED Power=71W Eff=61% EfcLed=126lm/W EfcLum=61lm/W CCT=2700K Ra=80 - L70(6K)=60000 h | | | | | | | |
| C.I.E. | 32 63 89 49 100 | | | D DIN 5040 | C22 | | |
| F UTE | 0.49 I + 0.51 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 | 1.76 | 3.53 | 5.29 | 7.05 | 8.81 | OC | 1.76 | 3.53 | 5.29 | 7.05 | 8.81 |
| OB | 1.76 | 3.53 | 5.29 | 7.05 | 8.81 | OD | 1.76 | 3.53 | 5.29 | 7.05 | 8.81 |

| | | | | | | | | | | |
|----|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 887.42 | 884.01 | 858.49 | 808.50 | 734.14 | 636.39 | 516.44 | 379.76 | 231.19 | 70.77 |
| OB | 887.42 | 884.01 | 858.49 | 808.50 | 734.14 | 636.39 | 516.44 | 379.76 | 231.19 | 70.77 |
| OC | 887.42 | 884.01 | 858.49 | 808.50 | 734.14 | 636.39 | 516.44 | 379.76 | 231.19 | 70.77 |
| OD | 887.42 | 884.01 | 858.49 | 808.50 | 734.14 | 636.39 | 516.44 | 379.76 | 231.19 | 70.77 |



| | | | | |
|------|-------|---------|---------|-------------------------|
| 5.00 | 17.63 | 35 | 7 | |
| 4.00 | 14.10 | 55 | 11 | |
| 3.00 | 10.58 | 99 | 20 | |
| 2.00 | 7.05 | 222 | 44 | |
| 1.00 | 3.53 | 887 | 177 | |
| H[m] | D[m] | Max lux | Med lux | Alpha=60.4°+60.4° G=0.0 |

| | | | | |
|------|-------|---------|---------|------------------------|
| 5.00 | 17.63 | 35 | 7 | |
| 4.00 | 14.10 | 55 | 11 | |
| 3.00 | 10.58 | 99 | 20 | |
| 2.00 | 7.05 | 222 | 44 | |
| 1.00 | 3.53 | 887 | 177 | |
| H[m] | D[m] | Max lux | Med lux | Beta=60.4°+60.4° G=0.0 |