

Luminaire

Code 2000010A_W
Name DISCOVERY SPACE 90x90 S TW - WARM

Measurem.

Code FTS2000456-B
Name DISCOVERY SPACE 90x90 S TW - WARM

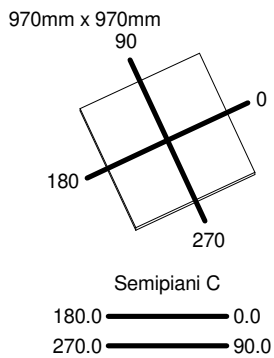
| | | | | | | | |
|----------------------------|---------|-------------------------|---------------|-----------------------------|---------------|-------------------------|--------------------|
| Luminaire Flux | 2579 lm | Luminaire Power | 44.0 W | Efficacy | 58.614 lm/W | Efficiency | 100.00% |
| Source Flux | 2579 lm | Maximum value | 155.79 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |
| Rectangular Luminaire | | Length | 970 mm | Width | 970 mm | Height | 17 mm |
| Rectangular Luminous Area | | Length | 900 mm | Width | 900 mm | Height | 10 mm |
| Horizontal Luminous Area | | 0.810000 m ² | | Emitting area on Plane 180° | | 0.009000 m ² | |
| Emitting area on Plane 0° | | 0.009000 m ² | | Emitting area on Plane 270° | | 0.009000 m ² | |
| Emitting area on Plane 90° | | 0.009000 m ² | | Glare area at 76° | | 0.204689 m ² | |
| Coordinate system | | CG | | Symmetry Type | | Double Symmetrical | |
| Date | | 14-10-2022 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 2579 lm | |

LED Flux=4527lm LED Power=37W Eff=57% EfcLed=122lm/W EfcLum=59lm/W CCT=2700K Ra=80 L70(6K)=60000h

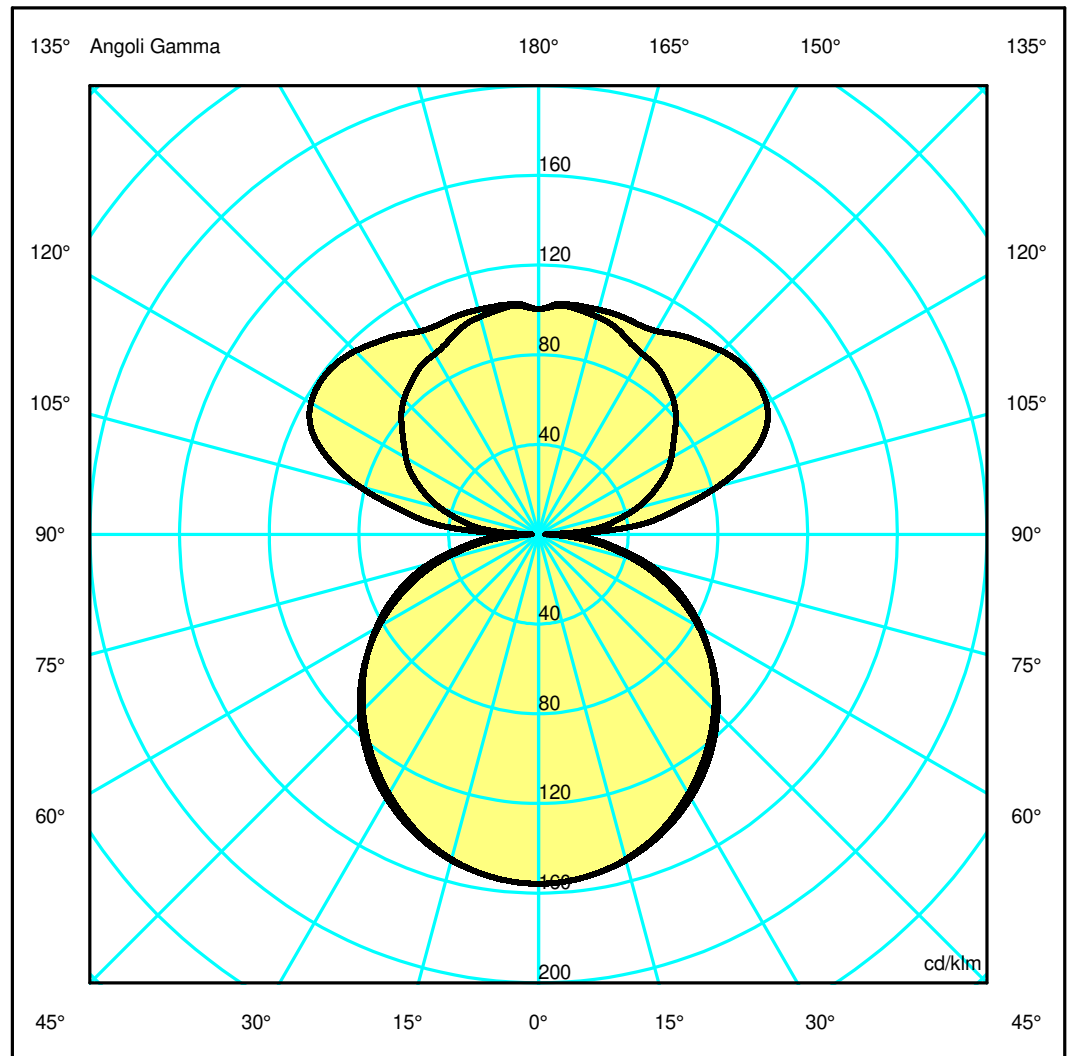
C.I.E. 42 73 92 51 100
F UTE 0.51 G + 0.49 T

D DIN 5040
B NBN

C31
BZ 5



ULOR 48.85 %
DLOR 51.15 %
RN 48.85 %



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Measurment.

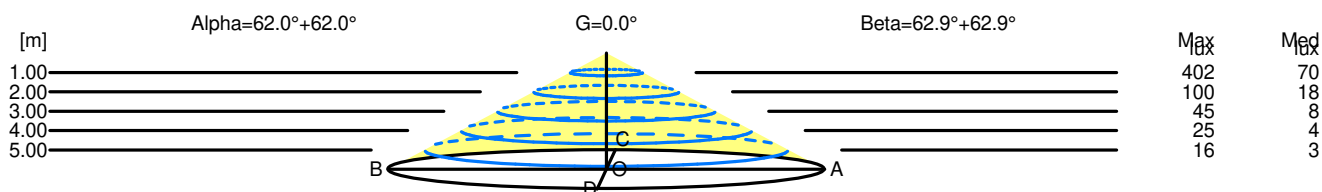
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Name DISCOVERY SPACE 90x90 S TW - WARM

| | | | | | | | |
|---|-----------------|-----------------|---------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux | 2579 lm | Luminaire Power | 44.0 W | Efficacy | 58.614 lm/W | Efficiency | 100.00% |
| Source Flux | 2579 lm | Maximum value | 155.79 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |
| Rectangular Luminaire | | Length | 970 mm | Width | 970 mm | Height | 17 mm |
| Rectangular Luminous Area | | Length | 900 mm | Width | 900 mm | Height | 10 mm |
| Horizontal Luminous Area | | 0.810000 m2 | | Emitting area on Plane 180° | | 0.009000 m2 | |
| Emitting area on Plane 0° | | 0.009000 m2 | | Emitting area on Plane 270° | | 0.009000 m2 | |
| Emitting area on Plane 90° | | 0.009000 m2 | | Glare area at 76° | | 0.204689 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Double Symmetrical | |
| Date | | 14-10-2022 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 2579 lm | |
| LED Flux=4527lm LED Power=37W Eff=57% EfcLed=122lm/W EfcLum=59lm/W CCT=2700K Ra=80 L70(6K)=60000h | | | | | | | |
| C.I.E. | 42 73 92 51 100 | | | D DIN 5040 | C31 | | |
| F UTE | 0.51 G + 0.49 T | | | B NBN | BZ 5 | | |

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 | 1.88 | 3.76 | 5.63 | 7.51 | 9.39 | OC | 1.95 | 3.91 | 5.86 | 7.81 | 9.76 |
| OB | 1.88 | 3.76 | 5.63 | 7.51 | 9.39 | OD | 1.95 | 3.91 | 5.86 | 7.81 | 9.76 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 401.79 | 399.88 | 387.76 | 364.96 | 332.45 | 290.74 | 240.34 | 182.12 | 116.20 | 44.82 |
| OB | 401.79 | 399.88 | 387.76 | 364.96 | 332.45 | 290.74 | 240.34 | 182.12 | 116.20 | 44.82 |
| OC | 401.79 | 399.90 | 386.78 | 360.89 | 326.15 | 285.56 | 240.19 | 189.73 | 129.68 | 60.42 |
| OD | 401.79 | 399.90 | 386.78 | 360.89 | 326.15 | 285.56 | 240.19 | 189.73 | 129.68 | 60.42 |



| H[m] | D[m] | Max lux | Med lux | Alpha=62.0°+62.0° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 3.76 | 402 | 70 | | |
| 2.00 | 7.51 | 100 | 18 | | |
| 3.00 | 11.27 | 45 | 8 | | |
| 4.00 | 15.02 | 25 | 4 | | |
| 5.00 | 18.78 | 16 | 3 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=62.9°+62.9° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 3.91 | 402 | 70 | | |
| 2.00 | 7.81 | 100 | 18 | | |
| 3.00 | 11.72 | 45 | 8 | | |
| 4.00 | 15.62 | 25 | 4 | | |
| 5.00 | 19.53 | 16 | 3 | | |