

Luminaire

Code 2004060APP
 Name DISCOVERY SPACE 90X90 S W app compat BZO

Measurement

Code FTS2000305-A
 Name DISCOVERY SPACE 90X90 S W app compat BZO

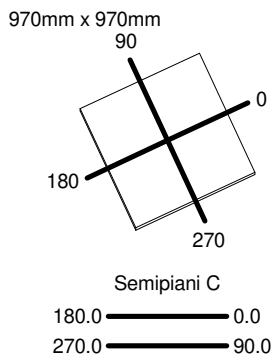
| | | | | | | | |
|----------------------------|---------|-------------------------|---------------|-----------------------------|-------------------------|------------|--------------------|
| Luminaire Flux | 1955 lm | Luminaire Power | 34.0 W | Efficacy | 57.507 lm/W | Efficiency | 100.00% |
| Source Flux | 1955 lm | Maximum value | 155.13 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 | 1955 lm | | |

LED Flux=4716lm LED Power=30W Eff=41% EfcLed=157lm/W EfcLum=58lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h

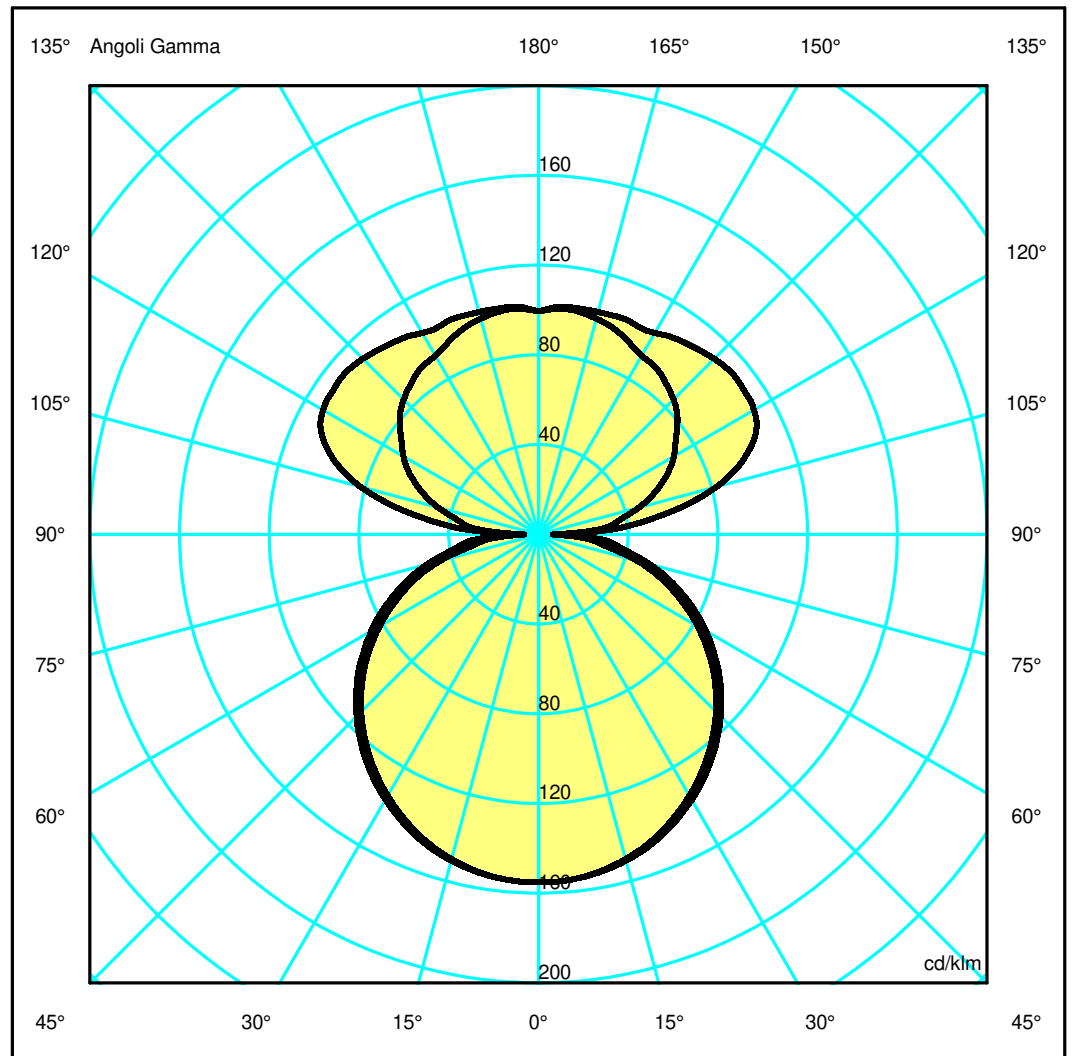
C.I.E. 41 72 92 52 100
 F UTE 0.52 G + 0.48 T

D DIN 5040
 B NBN

C31
 BZ 5



ULOR 47.94 %
 DLOR 52.06 %
 RN 47.94 %



Luminaire

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Measurment

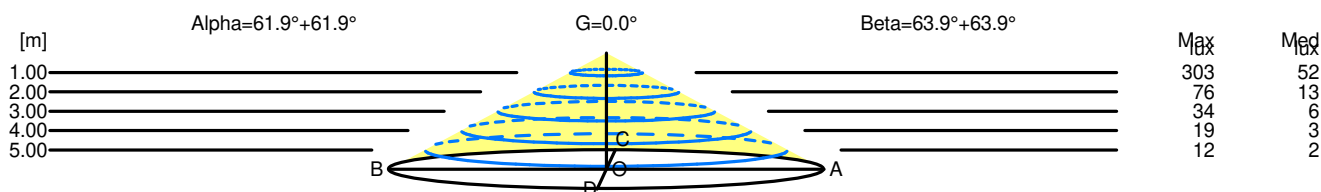
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| | | | | | | | |
|--|-----------------|-----------------|---------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux | 1955 lm | Luminaire Power | 34.0 W | Efficacy | 57.507 lm/W | Efficiency | 100.00% |
| Source Flux | 1955 lm | Maximum value | 155.13 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 | | 1955 lm | |
| LED Flux=4716lm LED Power=30W Eff=41% EfcLed=157lm/W EfcLum=58lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h | | | | | | | |
| C.I.E. | 41 72 92 52 100 | | | D DIN 5040 | C31 | | |
| F UTE | 0.52 G + 0.48 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 | 1.87 | 3.74 | 5.62 | 7.49 | 9.36 | OC | 2.04 | 4.09 | 6.13 | 8.18 | 10.22 |
| OB | 1.87 | 3.74 | 5.62 | 7.49 | 9.36 | OD | 2.04 | 4.09 | 6.13 | 8.18 | 10.22 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 303.33 | 302.39 | 293.05 | 274.84 | 249.74 | 218.70 | 181.12 | 137.72 | 88.71 | 41.82 |
| OB | 303.33 | 302.39 | 293.05 | 274.84 | 249.74 | 218.70 | 181.12 | 137.72 | 88.71 | 41.82 |
| OC | 303.33 | 302.41 | 294.33 | 278.15 | 254.51 | 224.35 | 188.03 | 147.22 | 100.21 | 58.41 |
| OD | 303.33 | 302.41 | 294.33 | 278.15 | 254.51 | 224.35 | 188.03 | 147.22 | 100.21 | 58.41 |



| H[m] | D[m] | Max lux | Med lux | Alpha=61.9°+61.9° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 3.74 | 303 | 52 | | |
| 2.00 | 7.49 | 76 | 13 | | |
| 3.00 | 11.23 | 34 | 6 | | |
| 4.00 | 14.98 | 19 | 3 | | |
| 5.00 | 18.72 | 12 | 2 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=63.9°+63.9° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 4.09 | 303 | 52 | | |
| 2.00 | 8.18 | 76 | 13 | | |
| 3.00 | 12.27 | 34 | 6 | | |
| 4.00 | 16.36 | 19 | 3 | | |
| 5.00 | 20.45 | 12 | 2 | | |