

## Luminaire

Code 2001010APP\_W  
Name DISCOVERY SPACE 90X90 S RGBW APP COMP - WHITE

## Measurement

Code FTS2000465-B  
Name DISCOVERY SPACE 90X90 S RGBW APP COMP - WHITE

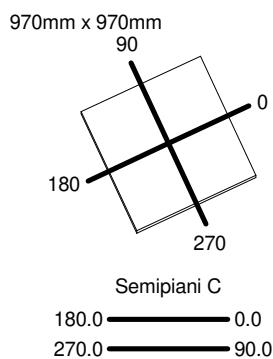
|                            |         |                 |               |                             |               |                    |                    |
|----------------------------|---------|-----------------|---------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux             | 1087 lm | Luminaire Power | 17.0 W        | Efficacy                    | 63.941 lm/W   | Efficiency         | 100.00%            |
| Source Flux                | 1087 lm | Maximum value   | 149.04 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            |               | 1087 lm            |                    |

LED Flux=2015lm LED Power=13W Eff=54% EfcLed=159lm/W EfcLum=63lm/W CCT=3000K Ra=80 SDCM=5 L70(6K)=60000h

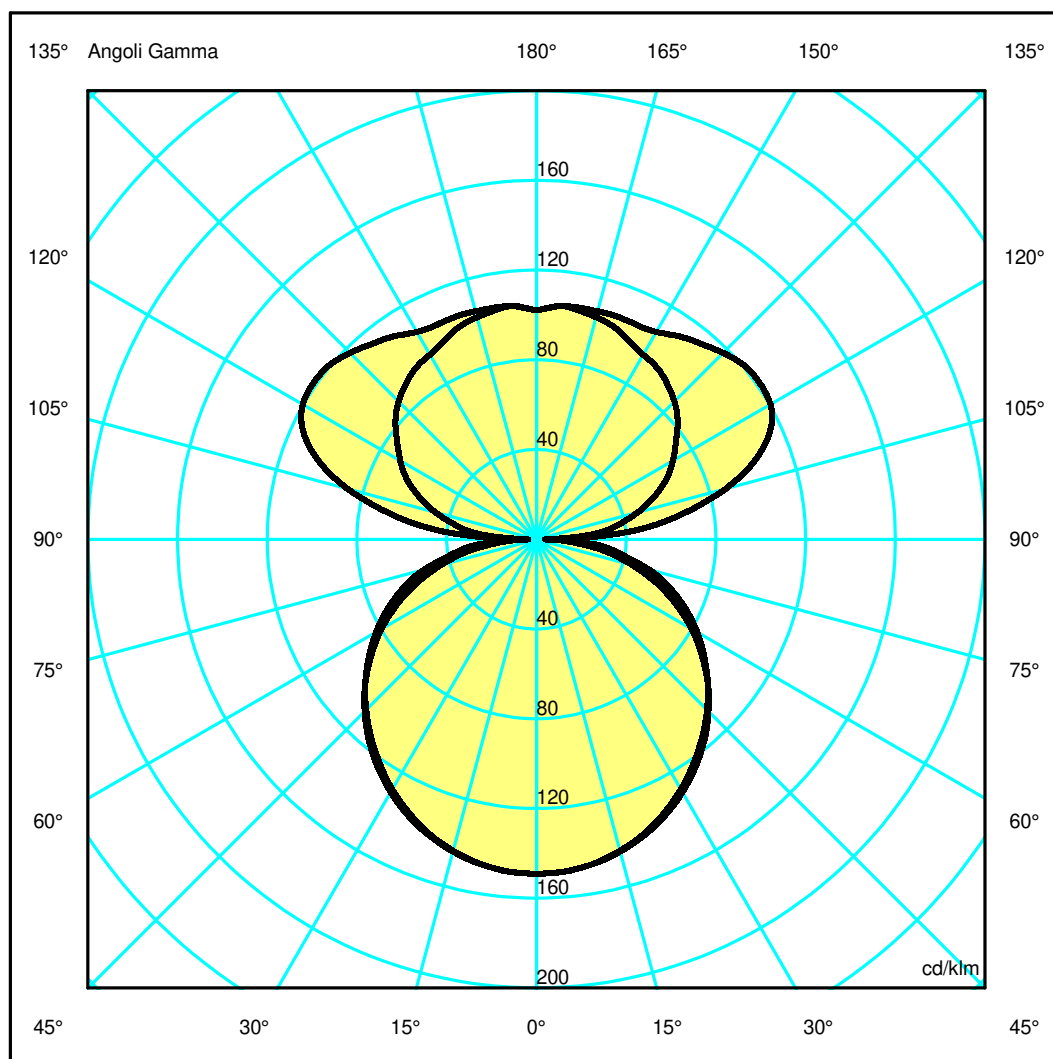
C.I.E. 41 72 92 50 100  
F UTE 0.50 G + 0.50 T

D DIN 5040  
B NBN

C31  
BZ 5



ULOR 50.14 %  
DLOR 49.86 %  
RN 50.14 %



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## Measurment.

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Name DISCOVERY SPACE 90X90 S RGBW APP COMP - WHITE

|                            |             |                 |               |                             |                    |            |                    |
|----------------------------|-------------|-----------------|---------------|-----------------------------|--------------------|------------|--------------------|
| Luminaire Flux             | 1087 lm     | Luminaire Power | 17.0 W        | Efficacy                    | 63.941 lm/W        | Efficiency | 100.00%            |
| Source Flux                | 1087 lm     | Maximum value   | 149.04 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            | 1087 lm            |            |                    |

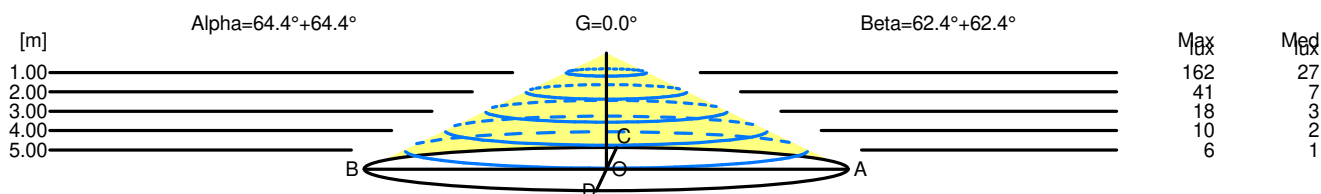
LED Flux=2015lm LED Power=13W Eff=54% EfcLed=159lm/W EfcLum=63lm/W CCT=3000K Ra=80 SDCM=5 L70(6K)=60000h

|        |                 |            |      |
|--------|-----------------|------------|------|
| C.I.E. | 41 72 92 50 100 | D DIN 5040 | C31  |
| F UTE  | 0.50 G + 0.50 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   | 2.08 | 4.17 | 6.25 | 8.33 | 10.42 | OC   | 1.91 | 3.82 | 5.74 | 7.65 | 9.56 |
| OB   | 2.08 | 4.17 | 6.25 | 8.33 | 10.42 | OD   | 1.91 | 3.82 | 5.74 | 7.65 | 9.56 |

|    | Luminous Intensities [ cd/klm] |        |        |        |        |        |       |       |       |       |
|----|--------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
|    | 0                              | 5      | 15     | 25     | 35     | 45     | 55    | 65    | 75    | 85    |
| OA | 162.00                         | 161.49 | 156.25 | 146.26 | 132.55 | 116.81 | 99.24 | 79.66 | 56.33 | 28.96 |
| OB | 162.00                         | 161.49 | 156.25 | 146.26 | 132.55 | 116.81 | 99.24 | 79.66 | 56.33 | 28.96 |
| OC | 162.00                         | 161.40 | 156.61 | 147.58 | 134.39 | 117.84 | 97.70 | 74.58 | 47.96 | 19.00 |
| OD | 162.00                         | 161.40 | 156.61 | 147.58 | 134.39 | 117.84 | 97.70 | 74.58 | 47.96 | 19.00 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=64.4°+64.4° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 4.17  | 162     | 27      |                   |       |
| 2.00 | 8.33  | 41      | 7       |                   |       |
| 3.00 | 12.50 | 18      | 3       |                   |       |
| 4.00 | 16.67 | 10      | 2       |                   |       |
| 5.00 | 20.84 | 6       | 1       |                   |       |

| H[m] | D[m]  | Max lux | Med lux | Beta=62.4°+62.4° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 3.82  | 162     | 27      |                  |       |
| 2.00 | 7.65  | 41      | 7       |                  |       |
| 3.00 | 11.47 | 18      | 3       |                  |       |
| 4.00 | 15.30 | 10      | 2       |                  |       |
| 5.00 | 19.12 | 6       | 1       |                  |       |