

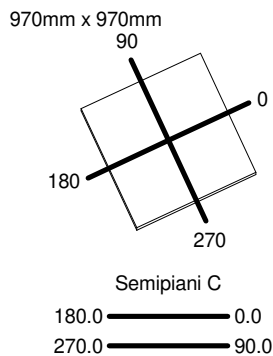
## Luminaire

Code 2001010APP\_B  
Name DISCOVERY SPACE 90X90 S RGBW APP COMP - BLUE

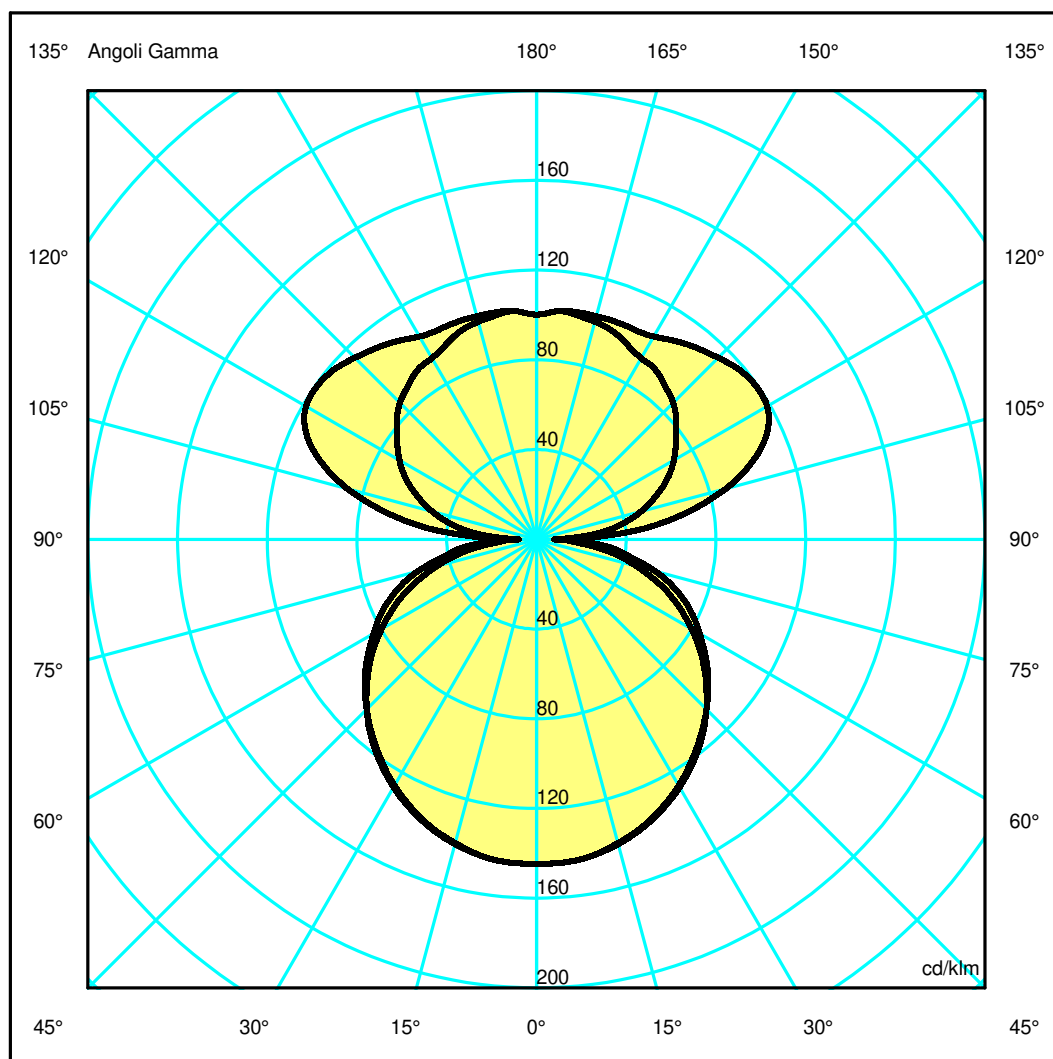
## Measurement

Code FTS2000464-B  
Name DISCOVERY SPACE 90X90 S RGBW APP COMP - BLUE

|  |                 |                 |               |                             |                    |            |                    |
|--|-----------------|-----------------|---------------|-----------------------------|--------------------|------------|--------------------|
| Luminaire Flux   | 51 lm           | Luminaire Power | 6.0 W         | Efficacy                    | 8.500 lm/W         | Efficiency | 100.00%            |
| Source Flux  | 51 lm           | Maximum value   | 144.69 cd/klm | Position                    | C=50.00 G=4.00     | 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            | 51 lm              |            |                    |
| LED Flux=86lm LED Power=3W Eff=59% EfcLed=28lm/W EfcLum=9lm/W L70(6K)=60000h |                 |                 |               |                             |                    |            |                    |
| C.I.E.   | 40 70 91 50 100 |                 |               | D DIN 5040                  | C21                |            |                    |
| F UTE  | 0.50 G + 0.50 T |                 |               | B NBN                       | BZ 5               |            |                    |



ULOR 49.79 %  
DLOR 50.21 %  
RN 49.79 %



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Code 2001010APP\_B  
Name DISCOVERY SPACE 90X90 S RGBW APP COMP - BLUE

## Measurment.

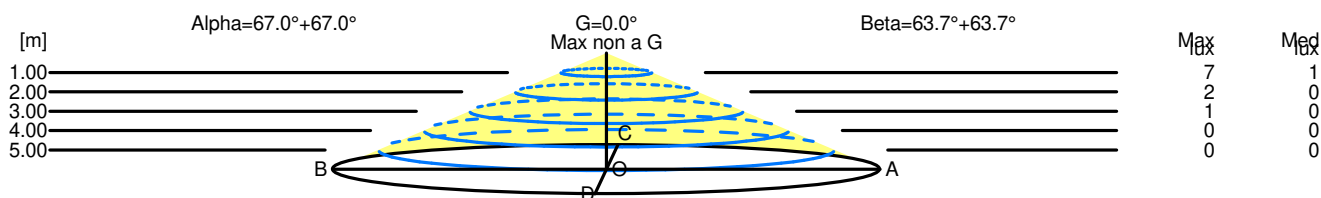
Code FTS2000464-B  
Name DISCOVERY SPACE 90X90 S RGBW APP COMP - BLUE

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| 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            |                | 51 lm              |                    |
| LED Flux=86lm LED Power=3W Eff=59% EfcLed=28lm/W EfcLum=9lm/W L70(6K)=60000h |                 |                 |               |                             |                |                    |                    |
| C.I.E.   | 40 70 91 50 100 |                 |               | D DIN 5040                  |                | C21                |                    |
| 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   | 2.35 | 4.71 | 7.06 | 9.42 | 11.77 | OC   | 2.02 | 4.04 | 6.07 | 8.09 | 10.11 |
| OB   | 2.35 | 4.71 | 7.06 | 9.42 | 11.77 | OD   | 2.02 | 4.04 | 6.07 | 8.09 | 10.11 |

|    |                                 |      |      |      |      |      |      |      |      |      |
|----|---------------------------------|------|------|------|------|------|------|------|------|------|
|    | Luminous Intensities [ cd/klm ] |      |      |      |      |      |      |      |      |      |
|    | 0                               | 5    | 15   | 25   | 35   | 45   | 55   | 65   | 75   | 85   |
| OA | 7.38                            | 7.37 | 7.15 | 6.73 | 6.14 | 5.47 | 4.70 | 3.87 | 2.79 | 1.50 |
| OB | 7.38                            | 7.37 | 7.15 | 6.73 | 6.14 | 5.47 | 4.70 | 3.87 | 2.79 | 1.50 |
| OC | 7.38                            | 7.37 | 7.17 | 6.77 | 6.20 | 5.46 | 4.57 | 3.55 | 2.35 | 0.99 |
| OD | 7.38                            | 7.37 | 7.17 | 6.77 | 6.20 | 5.46 | 4.57 | 3.55 | 2.35 | 0.99 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=67.0°+67.0° | G=0.0° Max non a G |
|------|-------|---------|---------|-------------------|--------------------|
| 1.00 | 4.71  | 7       | 1       |                   |                    |
| 2.00 | 9.42  | 2       | 0       |                   |                    |
| 3.00 | 14.13 | 1       | 0       |                   |                    |
| 4.00 | 18.84 | 0       | 0       |                   |                    |
| 5.00 | 23.55 | 0       | 0       |                   |                    |

| H[m] | D[m]  | Max lux | Med lux | Beta=63.7°+63.7° | G=0.0° Max non a G |
|------|-------|---------|---------|------------------|--------------------|
| 1.00 | 4.04  | 7       | 1       |                  |                    |
| 2.00 | 8.09  | 2       | 0       |                  |                    |
| 3.00 | 12.13 | 1       | 0       |                  |                    |
| 4.00 | 16.18 | 0       | 0       |                  |                    |
| 5.00 | 20.22 | 0       | 0       |                  |                    |