

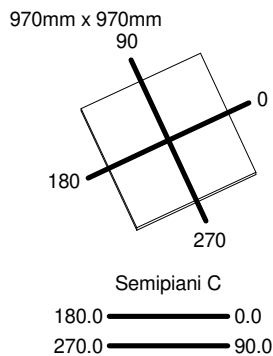
## Luminaire

Code 2001030A\_R  
Name DISCOVERY SPACE 90X90 S RGBW NR - RED

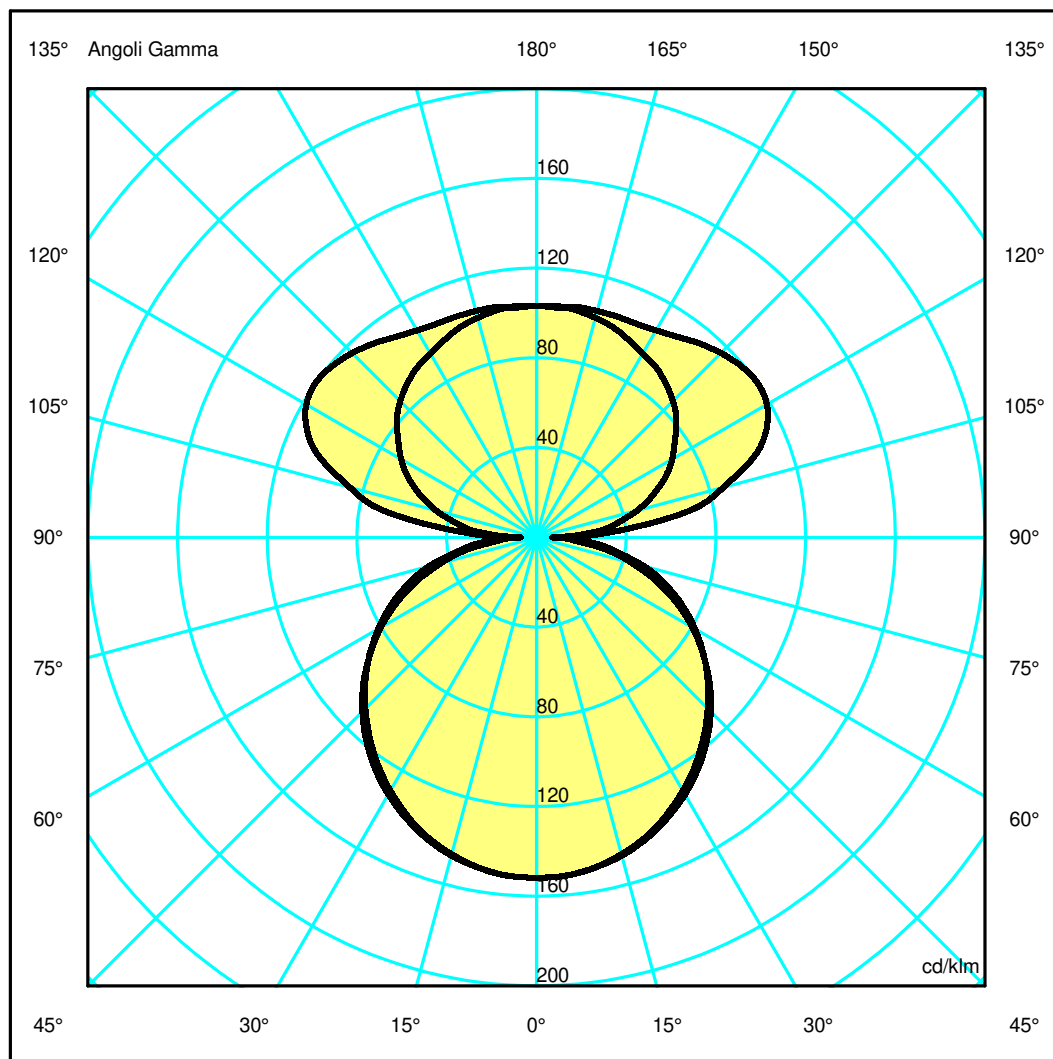
## Measurerm.

Code FTS2000462-B  
Name DISCOVERY SPACE 90X90 S RGBW NR - RED

|  |                 |                 |               |                             |                    |            |                    |
|--|-----------------|-----------------|---------------|-----------------------------|--------------------|------------|--------------------|
| Luminaire Flux   | 175 lm          | Luminaire Power | 11.0 W        | Efficacy                    | 15.909 lm/W        | Efficiency | 100.00%            |
| Source Flux  | 175 lm          | Maximum value   | 151.67 cd/klm | Position                    | C=90.00 G=1.00     | 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            | 175 lm             |            |                    |
| LED Flux=315lm LED Power=8W Eff=56% EfcLed=41lm/W EfcLum=16lm/W L70(6K)=60000h |                 |                 |               |                             |                    |            |                    |
| C.I.E.   | 42 72 92 50 100 |                 |               | D DIN 5040                  | C31                |            |                    |
| F UTE  | 0.50 G + 0.50 T |                 |               | B NBN                       | BZ 5               |            |                    |



ULOR 49.85 %  
DLOR 50.15 %  
RN 49.85 %



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Code 2001030A\_R  
Name DISCOVERY SPACE 90X90 S RGBW NR - RED

## Measurment.

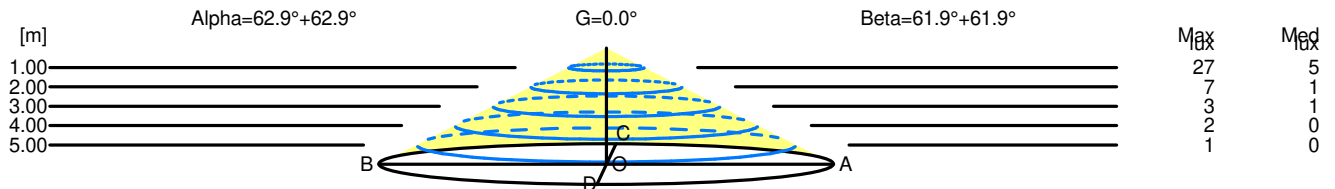
Code FTS2000462-B  
Name DISCOVERY SPACE 90X90 S RGBW NR - RED

|  |                 |                 |               |                             |                |                    |                    |
|--|-----------------|-----------------|---------------|-----------------------------|----------------|--------------------|--------------------|
| Luminaire Flux   | 175 lm          | Luminaire Power | 11.0 W        | Efficacy                    | 15.909 lm/W    | Efficiency         | 100.00%            |
| Source Flux  | 175 lm          | Maximum value   | 151.67 cd/klm | Position                    | C=90.00 G=1.00 | 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            |                | 175 lm             |                    |
| LED Flux=315lm LED Power=8W Eff=56% EfcLed=41lm/W EfcLum=16lm/W L70(6K)=60000h |                 |                 |               |                             |                |                    |                    |
| C.I.E.   | 42 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   | 1.96 | 3.91 | 5.87 | 7.83 | 9.78 | OC   | 1.88 | 3.75 | 5.63 | 7.51 | 9.38 |
| OB   | 1.96 | 3.91 | 5.87 | 7.83 | 9.78 | OD   | 1.88 | 3.75 | 5.63 | 7.51 | 9.38 |

|    |                                |       |       |       |       |       |       |       |      |      |
|----|--------------------------------|-------|-------|-------|-------|-------|-------|-------|------|------|
|    | Luminous Intensities [ cd/klm] |       |       |       |       |       |       |       |      |      |
|    | 0                              | 5     | 15    | 25    | 35    | 45    | 55    | 65    | 75   | 85   |
| OA | 26.54                          | 26.47 | 25.60 | 23.93 | 21.61 | 18.88 | 15.90 | 12.54 | 8.68 | 4.21 |
| OB | 26.54                          | 26.47 | 25.60 | 23.93 | 21.61 | 18.88 | 15.90 | 12.54 | 8.68 | 4.21 |
| OC | 26.54                          | 26.49 | 25.70 | 24.15 | 22.00 | 19.23 | 15.85 | 12.03 | 7.70 | 2.99 |
| OD | 26.54                          | 26.49 | 25.70 | 24.15 | 22.00 | 19.23 | 15.85 | 12.03 | 7.70 | 2.99 |



|      |       |         |         |                   |       |
|------|-------|---------|---------|-------------------|-------|
| H[m] | D[m]  | Max lux | Med lux | Alpha=62.9°+62.9° | G=0.0 |
| 1.00 | 3.91  | 27      | 5       |                   |       |
| 2.00 | 7.83  | 7       | 1       |                   |       |
| 3.00 | 11.74 | 3       | 1       |                   |       |
| 4.00 | 15.65 | 2       | 0       |                   |       |
| 5.00 | 19.56 | 1       | 0       |                   |       |

|      |       |         |         |                  |       |
|------|-------|---------|---------|------------------|-------|
| H[m] | D[m]  | Max lux | Med lux | Beta=61.9°+61.9° | G=0.0 |
| 1.00 | 3.75  | 27      | 5       |                  |       |
| 2.00 | 7.51  | 7       | 1       |                  |       |
| 3.00 | 11.26 | 3       | 1       |                  |       |
| 4.00 | 15.01 | 2       | 0       |                  |       |
| 5.00 | 18.77 | 1       | 0       |                  |       |