

## Luminaire

Code 1993310A\_W  
Name DISCOVERY VERTICAL 100 RGB+W - WHITE

## Measurerm.

Code FTS2000417  
Name DISCOVERY VERTICAL 100 RGB+W - WHITE

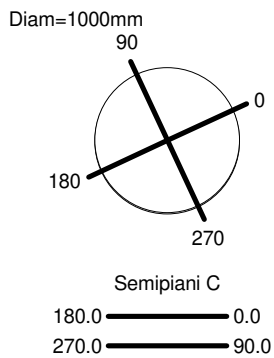
|                            |         |                 |               |                             |                 |              |              |
|----------------------------|---------|-----------------|---------------|-----------------------------|-----------------|--------------|--------------|
| Luminaire Flux             | 2033 lm | Luminaire Power | 28.0 W        | Efficacy                    | 72.608 lm/W     | Efficiency   | 100.00%      |
| Source Flux                | 2033 lm | Maximum value   | 159.74 cd/klm | Position                    | C=0.00 G=180.00 | CG           | Asymmetrical |
| Round Luminaire            |         | Diam.           | 1000 mm       | Height                      | 17 mm           |              |              |
| Round Luminous Area        |         | Diam.           | 950 mm        | Height                      | 0 mm            |              |              |
| Horizontal Luminous Area   |         |                 | 0.708822 m2   | Emitting area on Plane 180° |                 |              | 0.000000 m2  |
| Emitting area on Plane 0°  |         |                 | 0.000000 m2   | Emitting area on Plane 270° |                 |              | 0.000000 m2  |
| Emitting area on Plane 90° |         |                 | 0.000000 m2   | Glare area at 76°           |                 |              | 0.171480 m2  |
| Coordinate system          |         | CG              |               | Symmetry Type               |                 | Asymmetrical |              |
| Date                       |         | 11-11-2020      |               | Maximum Gamma Angle         |                 | 180          |              |
| Measurement Distance       |         | 0.00            |               | Measurement Flux            |                 | 2033 lm      |              |

LED Flux=3146,88lm LED Power=20,08W Effic=65% EfcLed=157lm/W EfcLum=72lm/W CCT=3000 Ra=80 L70(6K)=60000 h

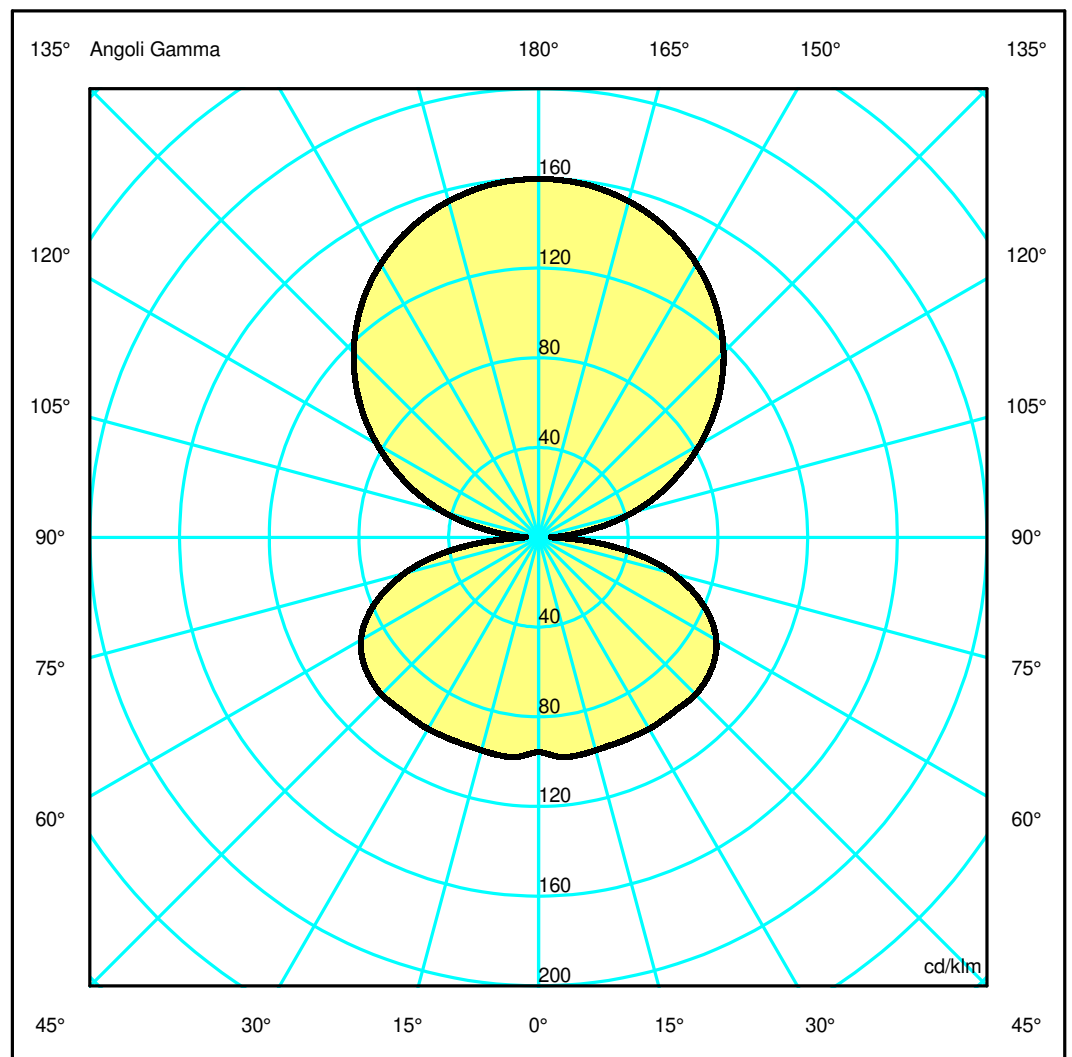
C.I.E. 32 64 89 48 100  
F UTE 0.48 I + 0.52 T

D DIN 5040  
B NBN

C22  
BZ 6



ULOR 51.83 %  
DLOR 48.17 %  
RN 51.83 %



## Luminaire

Code 1993310A\_W  
Name DISCOVERY VERTICAL 100 RGB+W - WHITE

## Measurerm.

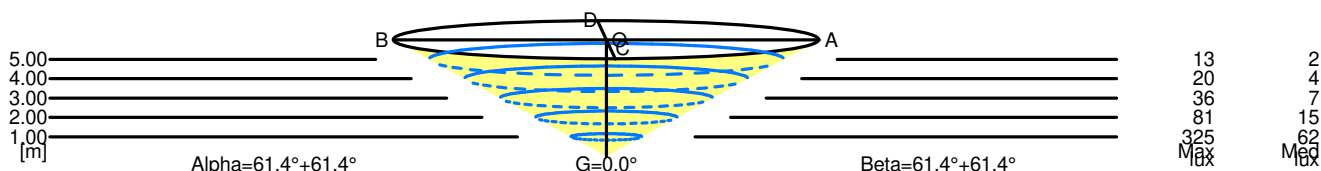
Code FTS2000417  
Name DISCOVERY VERTICAL 100 RGB+W - WHITE

|   |                 |                 |               |                             |                 |              |              |
|---|-----------------|-----------------|---------------|-----------------------------|-----------------|--------------|--------------|
| Luminaire Flux  | 2033 lm         | Luminaire Power | 28.0 W        | Efficacy                    | 72.608 lm/W     | Efficiency   | 100.00%      |
| Source Flux   | 2033 lm         | Maximum value   | 159.74 cd/klm | Position                    | C=0.00 G=180.00 | CG           | Asymmetrical |
| Round Luminaire   |                 | Diam.           | 1000 mm       | Height                      | 17 mm           |              |              |
| Round Luminous Area   |                 | Diam.           | 950 mm        | Height                      | 0 mm            |              |              |
| Horizontal Luminous Area  |                 |                 | 0.708822 m2   | Emitting area on Plane 180° |                 |              | 0.000000 m2  |
| Emitting area on Plane 0°   |                 |                 | 0.000000 m2   | Emitting area on Plane 270° |                 |              | 0.000000 m2  |
| Emitting area on Plane 90°  |                 |                 | 0.000000 m2   | Glare area at 76°           |                 |              | 0.171480 m2  |
| Coordinate system   |                 | CG              |               | Symmetry Type               |                 | Asymmetrical |              |
| Date  |                 | 11-11-2020      |               | Maximum Gamma Angle         |                 | 180          |              |
| Measurement Distance  |                 | 0.00            |               | Measurement Flux            |                 | 2033 lm      |              |
| LED Flux=3146,88lm LED Power=20,08W Eff=65% EfcLed=157lm/W EfcLum=72lm/W CCT=3000 Ra=80 L70(6K)=60000 h |                 |                 |               |                             |                 |              |              |
| C.I.E.  | 32 64 89 48 100 |                 |               | D DIN 5040                  | C22             |              |              |
| F UTE   | 0.48 I + 0.52 T |                 |               | B NBN                       | BZ 6            |              |              |

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   | 1.83 | 3.66 | 5.49 | 7.33 | 9.16 | OC   | 1.83 | 3.66 | 5.49 | 7.32 | 9.16 |
| OB   | 1.83 | 3.66 | 5.49 | 7.33 | 9.16 | OD   | 1.83 | 3.66 | 5.49 | 7.32 | 9.16 |

|    |                                 |        |        |        |        |        |        |        |       |       |
|----|---------------------------------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
|    | Luminous Intensities [ cd/klm ] |        |        |        |        |        |        |        |       |       |
|    | 0                               | 5      | 15     | 25     | 35     | 45     | 55     | 65     | 75    | 85    |
| OA | 324.76                          | 323.98 | 315.36 | 298.13 | 272.00 | 237.06 | 193.64 | 143.44 | 89.42 | 30.39 |
| OB | 324.76                          | 323.98 | 315.36 | 298.13 | 272.00 | 237.06 | 193.64 | 143.44 | 89.42 | 30.39 |
| OC | 324.76                          | 323.98 | 315.36 | 298.13 | 272.00 | 237.06 | 193.64 | 143.44 | 89.42 | 30.39 |
| OD | 324.76                          | 323.98 | 315.36 | 298.13 | 272.00 | 237.06 | 193.64 | 143.44 | 89.42 | 30.39 |



|      |       |         |         |                                    |           |
|------|-------|---------|---------|------------------------------------|-----------|
| 5.00 | 18.31 | 13      | 2       |                                    |           |
| 4.00 | 14.65 | 20      | 4       |                                    |           |
| 3.00 | 10.99 | 36      | 7       |                                    |           |
| 2.00 | 7.33  | 81      | 15      |                                    |           |
| 1.00 | 3.66  | 325     | 62      |                                    |           |
| H[m] | D[m]  | Max lux | Med lux | $\alpha = 61.4^\circ + 61.4^\circ$ | $G = 0.0$ |

|      |       |         |         |                                   |           |
|------|-------|---------|---------|-----------------------------------|-----------|
| 5.00 | 18.31 | 13      | 2       |                                   |           |
| 4.00 | 14.65 | 20      | 4       |                                   |           |
| 3.00 | 10.99 | 36      | 7       |                                   |           |
| 2.00 | 7.32  | 81      | 15      |                                   |           |
| 1.00 | 3.66  | 325     | 62      |                                   |           |
| H[m] | D[m]  | Max lux | Med lux | $\beta = 61.4^\circ + 61.4^\circ$ | $G = 0.0$ |