

## Luminaire

Code 1998010A  
Name DISCOVERY CEILING/WALL

## Measurum.

Code FTS1700155  
Name DISCOVERY CEILING/WALL

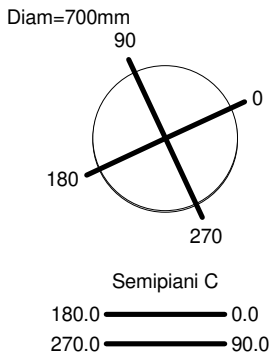
|                            |         |                 |                         |                             |                 |              |                         |
|----------------------------|---------|-----------------|-------------------------|-----------------------------|-----------------|--------------|-------------------------|
| Luminaire Flux             | 2857 lm | Luminaire Power | 40.0 W                  | Efficacy                    | 71.437 lm/W     | Efficiency   | 100.00%                 |
| Source Flux                | 2857 lm | Maximum value   | 162.13 cd/klm           | Position                    | C=0.00 G=180.00 | CG           | Asymmetrical            |
| Round Luminaire            |         | Diam.           | 700 mm                  | Height                      | 17 mm           |              |                         |
| Round Luminous Area        |         | Diam.           | 635 mm                  | Height                      | 0 mm            |              |                         |
| Horizontal Luminous Area   |         |                 | 0.316692 m <sup>2</sup> | Emitting area on Plane 180° |                 |              | 0.000000 m <sup>2</sup> |
| Emitting area on Plane 0°  |         |                 | 0.000000 m <sup>2</sup> | Emitting area on Plane 270° |                 |              | 0.000000 m <sup>2</sup> |
| Emitting area on Plane 90° |         |                 | 0.000000 m <sup>2</sup> | Glare area at 76°           |                 |              | 0.076615 m <sup>2</sup> |
| Coordinate system          |         | CG              |                         | Symmetry Type               |                 | Asymmetrical |                         |
| Date                       |         | 03-12-2020      |                         | Maximum Gamma Angle         |                 | 180          |                         |
| Measurement Distance       |         | 0.00            |                         | Measurement Flux            |                 | 2857 lm      |                         |

LED Flux=5162,57lm LED Power=35W Eff=55% EfcLed=148lm/W EfcLum=71lm/W CCT=3000K Ra=90 SDCM=3 L70(6K)=50000 h

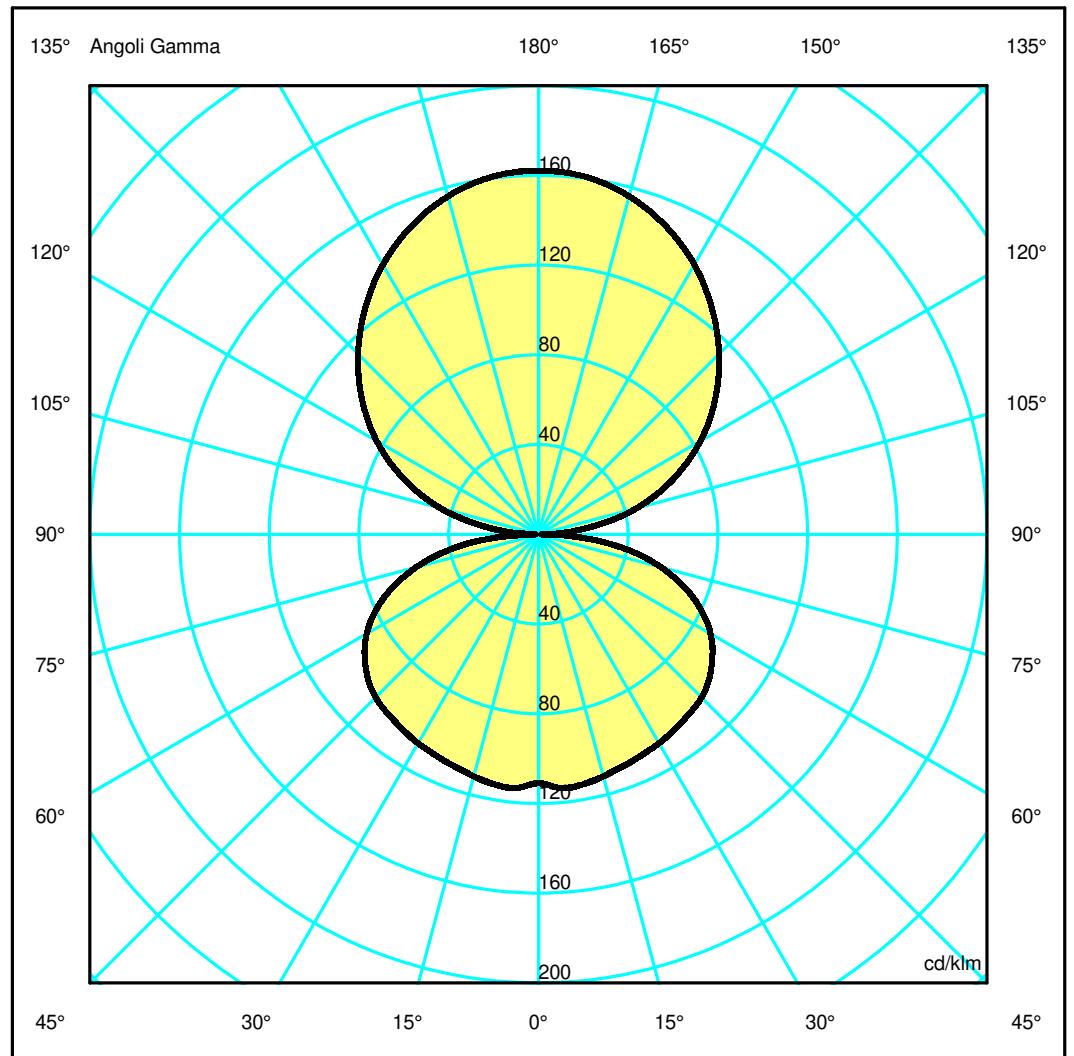
C.I.E. 35 67 91 48 100  
F UTE 0.48 G + 0.52 T

D DIN 5040  
B NBN

C22  
BZ 6



ULOR 51.51 %  
DLOR 48.49 %  
RN 51.51 %



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## Measur.

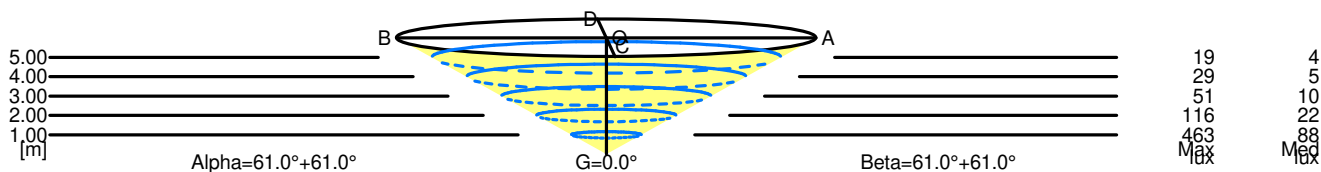
Code FTS1700155  
Name DISCOVERY CEILING/WALL

|  |                 |                 |               |                             |                 |              |              |
|--|-----------------|-----------------|---------------|-----------------------------|-----------------|--------------|--------------|
| Luminaire Flux   | 2857 lm         | Luminaire Power | 40.0 W        | Efficacy                    | 71.437 lm/W     | Efficiency   | 100.00%      |
| Source Flux  | 2857 lm         | Maximum value   | 162.13 cd/klm | Position                    | C=0.00 G=180.00 | CG           | Asymmetrical |
| Round Luminaire  |                 | Diam.           | 700 mm        | Height                      | 17 mm           |              |              |
| Round Luminous Area  |                 | Diam.           | 635 mm        | Height                      | 0 mm            |              |              |
| Horizontal Luminous Area   |                 |                 | 0.316692 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°           |                 |              | 0.076615 m2  |
| Coordinate system  |                 | CG              |               | Symmetry Type               |                 | Asymmetrical |              |
| Date   |                 | 03-12-2020      |               | Maximum Gamma Angle         |                 | 180          |              |
| Measurement Distance   |                 | 0.00            |               | Measurement Flux            |                 | 2857 lm      |              |
| LED Flux=5162,57lm LED Power=35W Eff=55% EfcLed=148lm/W EfcLum=71lm/W CCT=3000K Ra=90 SDCM=3 L70(6K)=50000 h |                 |                 |               |                             |                 |              |              |
| C.I.E.   | 35 67 91 48 100 |                 |               | D DIN 5040                  | C22             |              |              |
| F UTE  | 0.48 G + 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   | 1.80 | 3.61 | 5.41 | 7.22 | 9.02 | OC   | 1.80 | 3.61 | 5.41 | 7.22 | 9.02 |
| OB   | 1.80 | 3.61 | 5.41 | 7.22 | 9.02 | OD   | 1.80 | 3.61 | 5.41 | 7.22 | 9.02 |

|    |                                 |        |        |        |        |        |        |        |        |       |
|----|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
|    | Luminous Intensities [ cd/klm ] |        |        |        |        |        |        |        |        |       |
|    | 0                               | 5      | 15     | 25     | 35     | 45     | 55     | 65     | 75     | 85    |
| OA | 463.27                          | 461.76 | 445.88 | 415.92 | 374.79 | 325.22 | 269.06 | 204.32 | 130.18 | 41.76 |
| OB | 463.27                          | 461.76 | 445.88 | 415.92 | 374.79 | 325.22 | 269.06 | 204.32 | 130.18 | 41.76 |
| OC | 463.27                          | 461.76 | 445.88 | 415.92 | 374.79 | 325.22 | 269.06 | 204.32 | 130.18 | 41.76 |
| OD | 463.27                          | 461.76 | 445.88 | 415.92 | 374.79 | 325.22 | 269.06 | 204.32 | 130.18 | 41.76 |



|      |       |         |         |                   |
|------|-------|---------|---------|-------------------|
| 5.00 | 18.05 | 19      | 4       |                   |
| 4.00 | 14.44 | 29      | 5       |                   |
| 3.00 | 10.83 | 51      | 10      |                   |
| 2.00 | 7.22  | 116     | 22      |                   |
| 1.00 | 3.61  | 463     | 88      |                   |
| H[m] | D[m]  | Max lux | Med lux | Alpha=61.0°+61.0° |
|      |       |         |         | G=0.0             |

|      |       |         |         |                  |
|------|-------|---------|---------|------------------|
| 5.00 | 18.04 | 19      | 4       |                  |
| 4.00 | 14.43 | 29      | 5       |                  |
| 3.00 | 10.83 | 51      | 10      |                  |
| 2.00 | 7.22  | 116     | 22      |                  |
| 1.00 | 3.61  | 463     | 88      |                  |
| H[m] | D[m]  | Max lux | Med lux | Beta=61.0°+61.0° |
|      |       |         |         | G=0.0            |