

## Luminaire

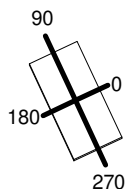
Code 2005060A  
Name DISCOVERY SPACE 75x150 S W BZO

## Measurem.

Code FTS2000308-A  
Name DISCOVERY SPACE 75x150 S W BZO

|                                                                                                                |                 |                 |               |                             |                    |            |                    |
|----------------------------------------------------------------------------------------------------------------|-----------------|-----------------|---------------|-----------------------------|--------------------|------------|--------------------|
| Luminaire Flux                                                                                                 | 4003 lm         | Luminaire Power | 52.0 W        | Efficacy                    | 76.972 lm/W        | Efficiency | 100.00%            |
| Source Flux                                                                                                    | 4003 lm         | Maximum value   | 169.70 cd/klm | Position                    | C=0.00 G=0.00      | CG         | Double Symmetrical |
| Rectangular Luminaire                                                                                          |                 | Length          | 1470 mm       | Width                       | 735 mm             | Height     | 17 mm              |
| Rectangular Luminous Area                                                                                      |                 | Length          | 1400 mm       | Width                       | 665 mm             | Height     | 10 mm              |
| Horizontal Luminous Area                                                                                       |                 | 0.931000 m2     |               | Emitting area on Plane 180° | 0.014000 m2        |            |                    |
| Emitting area on Plane 0°                                                                                      |                 | 0.014000 m2     |               | Emitting area on Plane 270° | 0.006650 m2        |            |                    |
| Emitting area on Plane 90°                                                                                     |                 | 0.006650 m2     |               | Glare area at 76°           | 0.238813 m2        |            |                    |
| Coordinate system                                                                                              |                 | CG              |               | Symmetry Type               | Double Symmetrical |            |                    |
| Date                                                                                                           |                 | 14-10-2022      |               | Maximum Gamma Angle         | 180                |            |                    |
| Measurement Distance                                                                                           |                 | 0.00            |               | Measurement Flux            | 4003 lm            |            |                    |
| LED Flux=7336lm LED Power=47W Eff=55% EfcLed=156lm/W EfcLum=77lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h |                 |                 |               |                             |                    |            |                    |
| C.I.E.                                                                                                         | 41 72 92 57 100 |                 |               | D DIN 5040                  | C31                |            |                    |
| F UTE                                                                                                          | 0.57 G + 0.43 T |                 |               | B NBN                       | BZ 5               |            |                    |

1470mm x 735mm



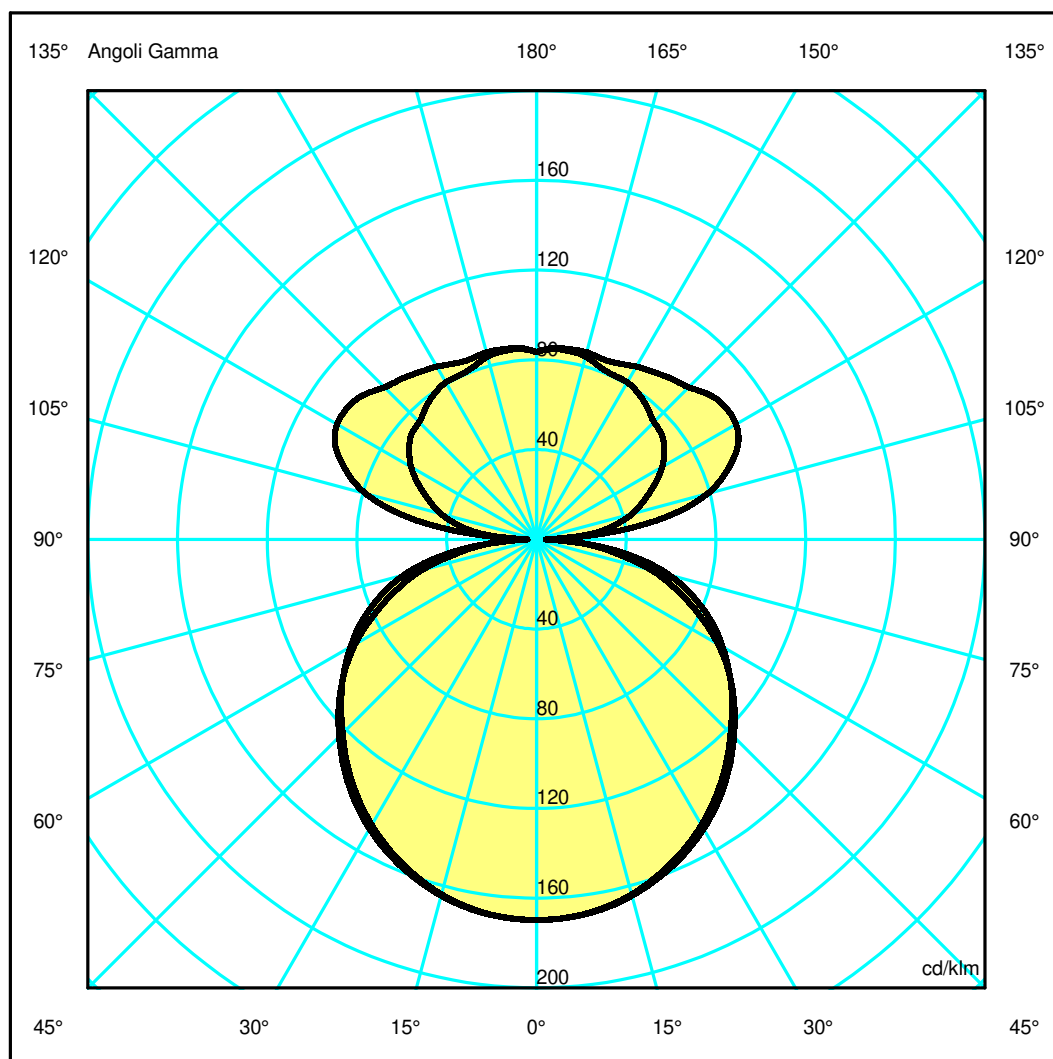
Semipiani C

180.0 ——— 0.0  
270.0 ——— 90.0

ULOR 42.95 %

DLOR 57.05 %

RN 42.95 %



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Name DISCOVERY SPACE 75x150 S W BZO

|                            |         |                 |               |                             |               |                    |                    |
|----------------------------|---------|-----------------|---------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux             | 4003 lm | Luminaire Power | 52.0 W        | Efficacy                    | 76.972 lm/W   | Efficiency         | 100.00%            |
| Source Flux                | 4003 lm | Maximum value   | 169.70 cd/klm | Position                    | C=0.00 G=0.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire      |         | Length          | 1470 mm       | Width                       | 735 mm        | Height             | 17 mm              |
| Rectangular Luminous Area  |         | Length          | 1400 mm       | Width                       | 665 mm        | Height             | 10 mm              |
| Horizontal Luminous Area   |         | 0.931000 m2     |               | Emitting area on Plane 180° |               | 0.014000 m2        |                    |
| Emitting area on Plane 0°  |         | 0.014000 m2     |               | Emitting area on Plane 270° |               | 0.006650 m2        |                    |
| Emitting area on Plane 90° |         | 0.006650 m2     |               | Glare area at 76°           |               | 0.238813 m2        |                    |
| Coordinate system          |         | CG              |               | Symmetry Type               |               | Double Symmetrical |                    |
| Date                       |         | 14-10-2022      |               | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance       |         | 0.00            |               | Measurement Flux            |               | 4003 lm            |                    |

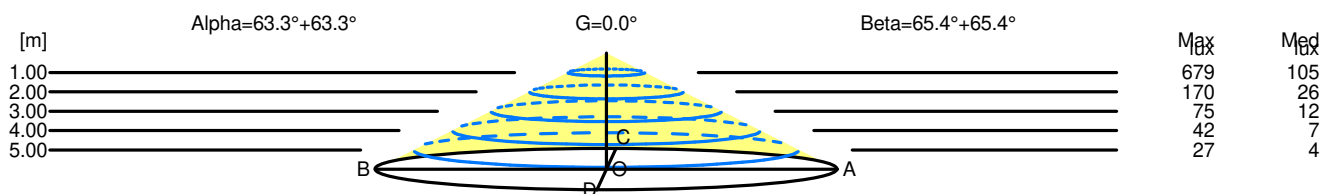
LED Flux=7336lm LED Power=47W Eff=55% EfcLed=156lm/W EfcLum=77lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h

|        |                 |            |      |
|--------|-----------------|------------|------|
| C.I.E. | 41 72 92 57 100 | D DIN 5040 | C31  |
| F UTE  | 0.57 G + 0.43 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   | 1.99 | 3.98 | 5.96 | 7.95 | 9.94 | OC   | 2.19 | 4.38 | 6.57 | 8.76 | 10.95 |
| OB   | 1.99 | 3.98 | 5.96 | 7.95 | 9.94 | OD   | 2.19 | 4.38 | 6.57 | 8.76 | 10.95 |

|    | Luminous Intensities [ cd/klm] |        |        |        |        |        |        |        |        |       |
|----|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
|    | 0                              | 5      | 15     | 25     | 35     | 45     | 55     | 65     | 75     | 85    |
| OA | 679.22                         | 677.16 | 658.27 | 621.00 | 567.39 | 498.20 | 419.72 | 321.23 | 212.45 | 80.42 |
| OB | 679.22                         | 677.16 | 658.27 | 621.00 | 567.39 | 498.20 | 419.72 | 321.23 | 212.45 | 80.42 |
| OC | 679.22                         | 676.73 | 655.73 | 614.40 | 558.11 | 489.35 | 420.58 | 343.58 | 244.96 | 89.20 |
| OD | 679.22                         | 676.73 | 655.73 | 614.40 | 558.11 | 489.35 | 420.58 | 343.58 | 244.96 | 89.20 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=63.3°+63.3° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 3.98  | 679     | 105     |                   |       |
| 2.00 | 7.95  | 170     | 26      |                   |       |
| 3.00 | 11.93 | 75      | 12      |                   |       |
| 4.00 | 15.90 | 42      | 7       |                   |       |
| 5.00 | 19.88 | 27      | 4       |                   |       |

| H[m] | D[m]  | Max lux | Med lux | Beta=65.4°+65.4° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 4.38  | 679     | 105     |                  |       |
| 2.00 | 8.76  | 170     | 26      |                  |       |
| 3.00 | 13.13 | 75      | 12      |                  |       |
| 4.00 | 17.51 | 42      | 7       |                  |       |
| 5.00 | 21.89 | 27      | 4       |                  |       |