

## Luminaire

Code AG07604  
Name SMARTOFFICE SUSPENSION DIR + IND 2249mm 940 DARKLIGHT DIM BLACK

## Measurem.

Code FTS1603413  
Name SMARTOFFICE SUSPENSION DIR + IND 2249mm 940 DARKLIGHT DIM BLACK

|                                                                                                  |                  |                 |               |                             |                |                    |                    |
|--------------------------------------------------------------------------------------------------|------------------|-----------------|---------------|-----------------------------|----------------|--------------------|--------------------|
| Luminaire Flux                                                                                   | 9128.00 lm       | Luminaire Power | 76.00 W       | Efficacy                    | 120.11 lm/W    | Efficiency         | 100.00%            |
| Lamps Flux                                                                                       | 9128.00 lm       | Maximum value   | 329.16 cd/klm | Position                    | C=50.00 G=4.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire                                                                            |                  | Length          | 2249 mm       | Width                       | 65 mm          | Height             | 90 mm              |
| Rectangular Luminous Area                                                                        |                  | Length          | 2199 mm       | Width                       | 55 mm          | Height             | 0 mm               |
| Horizontal Luminous Area                                                                         |                  | 0.120945 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°           |                | 0.029259 m2        |                    |
| Coordinate system                                                                                |                  | CG              |               | Symmetry Type               |                | Double Symmetrical |                    |
| Date                                                                                             |                  | 26-04-2017      |               | Maximum Gamma Angle         |                | 180                |                    |
| Measurement Distance                                                                             |                  | 0.00            |               | Measurement Flux            |                | 9128.00 lm         |                    |
| LED Flux=12000lm LED Power=66W Eff=76% EfcLed=182lm/W EfcLum=120lm/W Ra=80 SDCM=3 L70(6K)=50000h |                  |                 |               |                             |                |                    |                    |
| C.I.E.                                                                                           | 70 99 100 63 100 |                 |               | D DIN 5040                  | B51            |                    |                    |
| F UTE                                                                                            | 0.63 C + 0.37 T  |                 |               | B NBN                       | BZ 2           |                    |                    |

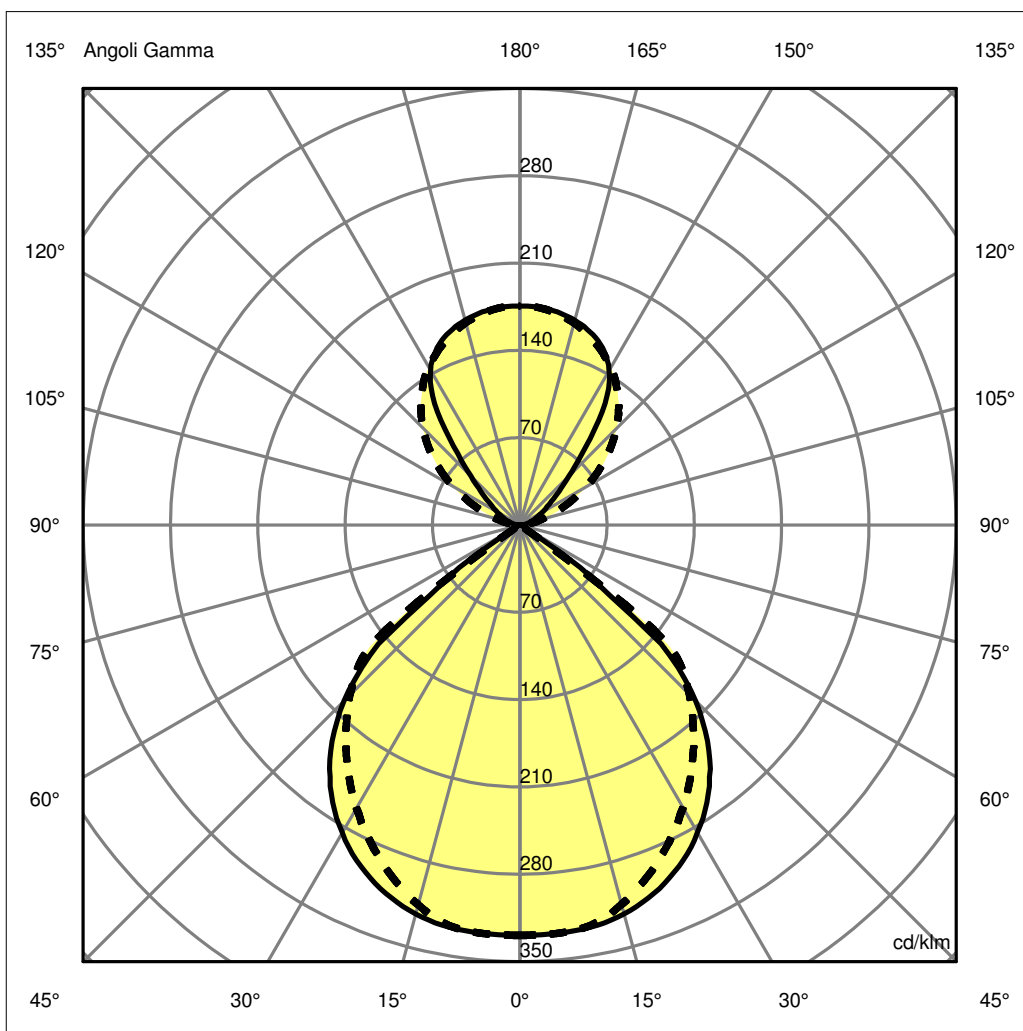
2249mm x 65mm



Semipiani C

180.0 ——— 0.0  
270.0 - - - - 90.0

ULOR 37.05 %  
DLOR 62.95 %  
RN 37.05 %



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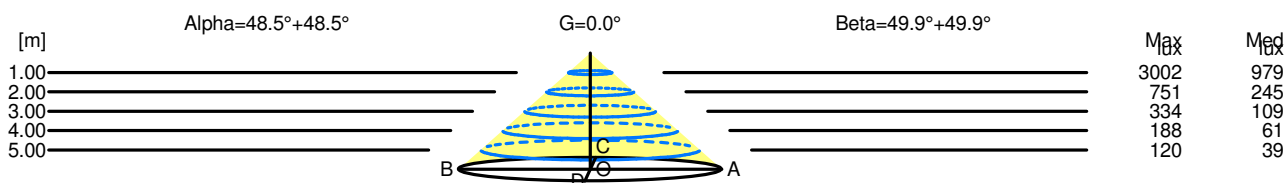
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|                                                                                                  |                  |                 |               |                             |                |                       |         |
|--------------------------------------------------------------------------------------------------|------------------|-----------------|---------------|-----------------------------|----------------|-----------------------|---------|
| Luminaire Flux                                                                                   | 9128.00 lm       | Luminaire Power | 76.00 W       | Efficacy                    | 120.11 lm/W    | Efficiency            | 100.00% |
| Lamps Flux                                                                                       | 9128.00 lm       | Maximum value   | 329.16 cd/klm | Position                    | C=50.00 G=4.00 | CG Double Symmetrical |         |
| Rectangular Luminaire                                                                            |                  | Length          | 2249 mm       | Width                       | 65 mm          | Height                | 90 mm   |
| Rectangular Luminous Area                                                                        |                  | Length          | 2199 mm       | Width                       | 55 mm          | Height                | 0 mm    |
| Horizontal Luminous Area                                                                         |                  | 0.120945 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°           |                | 0.029259 m2           |         |
| Coordinate system                                                                                |                  | CG              |               | Symmetry Type               |                | Double Symmetrical    |         |
| Date                                                                                             |                  | 26-04-2017      |               | Maximum Gamma Angle         |                | 180                   |         |
| Measurement Distance                                                                             |                  | 0.00            |               | Measurement Flux            |                | 9128.00 lm            |         |
| LED Flux=12000lm LED Power=66W Eff=76% EfcLed=182lm/W EfcLum=120lm/W Ra=80 SDCM=3 L70(6K)=50000h |                  |                 |               |                             |                |                       |         |
| C.I.E.                                                                                           | 70 99 100 63 100 |                 |               | D DIN 5040                  | B51            |                       |         |
| F UTE                                                                                            | 0.63 C + 0.37 T  |                 |               | B NBN                       | BZ 2           |                       |         |

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   | 1.13 | 2.26 | 3.39 | 4.53 | 5.66 | OC   | 1.19 | 2.38 | 3.56 | 4.75 | 5.94 |
| OB   | 1.13 | 2.26 | 3.39 | 4.53 | 5.66 | OD   | 1.19 | 2.38 | 3.56 | 4.75 | 5.94 |

|    |                                |         |         |         |         |         |        |       |       |       |
|----|--------------------------------|---------|---------|---------|---------|---------|--------|-------|-------|-------|
|    | Luminous Intensities [ cd/klm] |         |         |         |         |         |        |       |       |       |
|    | 0                              | 5       | 15      | 25      | 35      | 45      | 55     | 65    | 75    | 85    |
| OA | 3002.06                        | 3000.73 | 2945.19 | 2754.52 | 2404.42 | 1819.50 | 540.97 | 27.94 | 19.02 | 14.74 |
| OB | 3002.06                        | 3000.73 | 2945.19 | 2754.52 | 2404.42 | 1819.50 | 540.97 | 27.94 | 19.02 | 14.74 |
| OC | 3002.06                        | 3002.10 | 2876.59 | 2572.30 | 2190.57 | 1757.61 | 207.20 | 27.08 | 14.67 | 10.59 |
| OD | 3002.06                        | 3002.10 | 2876.59 | 2572.30 | 2190.57 | 1757.61 | 207.20 | 27.08 | 14.67 | 10.59 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=48.5°+48.5° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 2.26  | 3002    | 979     |                   |       |
| 2.00 | 4.53  | 751     | 245     |                   |       |
| 3.00 | 6.79  | 334     | 109     |                   |       |
| 4.00 | 9.05  | 188     | 61      |                   |       |
| 5.00 | 11.31 | 120     | 39      |                   |       |

| H[m] | D[m]  | Max lux | Med lux | Beta=49.9°+49.9° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 2.38  | 3002    | 979     |                  |       |
| 2.00 | 4.75  | 751     | 245     |                  |       |
| 3.00 | 7.13  | 334     | 109     |                  |       |
| 4.00 | 9.50  | 188     | 61      |                  |       |
| 5.00 | 11.88 | 120     | 39      |                  |       |

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|                |            |                 |               |          |                |            |                    |
|----------------|------------|-----------------|---------------|----------|----------------|------------|--------------------|
| Luminaire Flux | 9128.00 lm | Luminaire Power | 76.00 W       | Efficacy | 120.11 lm/W    | Efficiency | 100.00%            |
| Lamps Flux     | 9128.00 lm | Maximum value   | 329.16 cd/klm | Position | C=50.00 G=4.00 | CG         | Double Symmetrical |

UGR  
S = 0.250

| Reflectancies  |                 |      |      |      |      |               |      |      |      |      |
|----------------|-----------------|------|------|------|------|---------------|------|------|------|------|
| Ceiling/Cavity | 0.7             | 0.7  | 0.5  | 0.5  | 0.3  | 0.7           | 0.7  | 0.5  | 0.5  | 0.3  |
| Walls          | 0.5             | 0.3  | 0.5  | 0.3  | 0.3  | 0.5           | 0.3  | 0.5  | 0.3  | 0.3  |
| WorkingPlane   | 0.2             | 0.2  | 0.2  | 0.2  | 0.2  | 0.2           | 0.2  | 0.2  | 0.2  | 0.2  |
| RoomDimensions | ViewedCrosswise |      |      |      |      | ViewedEndwise |      |      |      |      |
| x=2H y=2H      | 17.5            | 18.3 | 18.3 | 19.0 | 19.9 | 17.5          | 18.3 | 18.2 | 19.0 | 19.9 |
| x=2H y=3H      | 17.3            | 18.0 | 18.1 | 18.7 | 19.6 | 17.3          | 17.9 | 18.0 | 18.7 | 19.6 |
| x=2H y=4H      | 17.2            | 17.8 | 18.0 | 18.6 | 19.5 | 17.1          | 17.7 | 17.9 | 18.5 | 19.5 |
| x=2H y=6H      | 17.1            | 17.6 | 17.9 | 18.4 | 19.4 | 17.0          | 17.6 | 17.8 | 18.4 | 19.4 |
| x=2H y=8H      | 17.0            | 17.5 | 17.8 | 18.3 | 19.3 | 16.9          | 17.5 | 17.8 | 18.3 | 19.3 |
| x=2H y=12H     | 16.9            | 17.5 | 17.8 | 18.3 | 19.2 | 16.9          | 17.4 | 17.7 | 18.2 | 19.2 |
| x=4H y=2H      | 17.3            | 17.9 | 18.1 | 18.7 | 19.6 | 17.2          | 17.8 | 18.0 | 18.6 | 19.6 |
| x=4H y=3H      | 17.0            | 17.5 | 17.8 | 18.3 | 19.3 | 17.0          | 17.5 | 17.8 | 18.3 | 19.3 |
| x=4H y=4H      | 16.9            | 17.3 | 17.8 | 18.2 | 19.2 | 16.8          | 17.3 | 17.7 | 18.1 | 19.2 |
| x=4H y=6H      | 16.8            | 17.1 | 17.7 | 18.0 | 19.0 | 16.7          | 17.1 | 17.6 | 18.0 | 19.0 |
| x=4H y=8H      | 16.7            | 17.0 | 17.6 | 17.9 | 18.9 | 16.6          | 17.0 | 17.5 | 17.9 | 18.9 |
| x=4H y=12H     | 16.7            | 17.0 | 17.6 | 17.9 | 18.9 | 16.6          | 16.9 | 17.5 | 17.8 | 18.9 |
| x=8H y=4H      | 16.7            | 17.0 | 17.6 | 17.9 | 18.9 | 16.6          | 17.0 | 17.5 | 17.9 | 18.9 |
| x=8H y=6H      | 16.6            | 16.8 | 17.5 | 17.7 | 18.8 | 16.5          | 16.8 | 17.4 | 17.7 | 18.8 |
| x=8H y=8H      | 16.5            | 16.7 | 17.4 | 17.7 | 18.7 | 16.5          | 16.7 | 17.4 | 17.6 | 18.7 |
| x=8H y=12H     | 16.5            | 16.7 | 17.4 | 17.6 | 18.7 | 16.4          | 16.6 | 17.3 | 17.5 | 18.7 |
| x=12H y=4H     | 16.6            | 16.9 | 17.5 | 17.8 | 18.9 | 16.6          | 16.9 | 17.5 | 17.8 | 18.9 |
| x=12H y=6H     | 16.5            | 16.7 | 17.4 | 17.6 | 18.7 | 16.4          | 16.7 | 17.4 | 17.6 | 18.7 |
| x=12H y=8H     | 16.4            | 16.6 | 17.4 | 17.6 | 18.7 | 16.4          | 16.6 | 17.3 | 17.5 | 18.7 |