

## Luminaire

Code T4520030  
Name ANTARKTIKOS BCO

## Measurem.

Code FTS1903712  
Name ANTARKTIKOS BCO

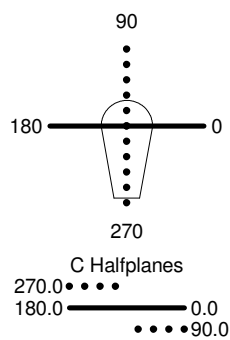
|                            |          |                 |                |                             |                  |                       |         |
|----------------------------|----------|-----------------|----------------|-----------------------------|------------------|-----------------------|---------|
| Luminaire Flux             | 13.85 lm | Luminaire Power | 3.00 W         | Efficacy                    | 4.62 lm/W        | Efficiency            | 100.00% |
| Sources Flux               | 13.85 lm | Maximum value   | 7562.51 cd/klm | Position                    | C=90.00 G=174.00 | CG Sym. on planes     | 270-90  |
| Rectangular Luminaire      |          | Length          | 115 mm         | Width                       | 50 mm            | Height                | 80 mm   |
| Rectangular Luminous Area  |          | Length          | 70 mm          | Width                       | 3 mm             | Height                | 29 mm   |
| Horizontal Luminous Area   |          | 0.000210 m2     |                | Emitting area on Plane 180° |                  | 0.002100 m2           |         |
| Emitting area on Plane 0°  |          | 0.002100 m2     |                | Emitting area on Plane 270° |                  | 0.000090 m2           |         |
| Emitting area on Plane 90° |          | 0.000090 m2     |                | Glare area at 76°           |                  | 0.002088 m2           |         |
| Coordinate system          |          | CG Roads        |                | Symmetry Type               |                  | Sym. on planes 270-90 |         |
| Date                       |          | 26-11-2019      |                | Maximum Gamma Angle         |                  | 180                   |         |
| Measurement Distance       |          | 0.00            |                | Measurement Flux            |                  | 13.85 lm              |         |

LED Flux=214.46lm LED Power=3W Eff=6.46% EfcLed=71.5lm/W EfcLum=5lm/W Ra=80 SDCM=3 L70(6K)=50000h

C.I.E. 15 30 54 13 100

D DIN 5040

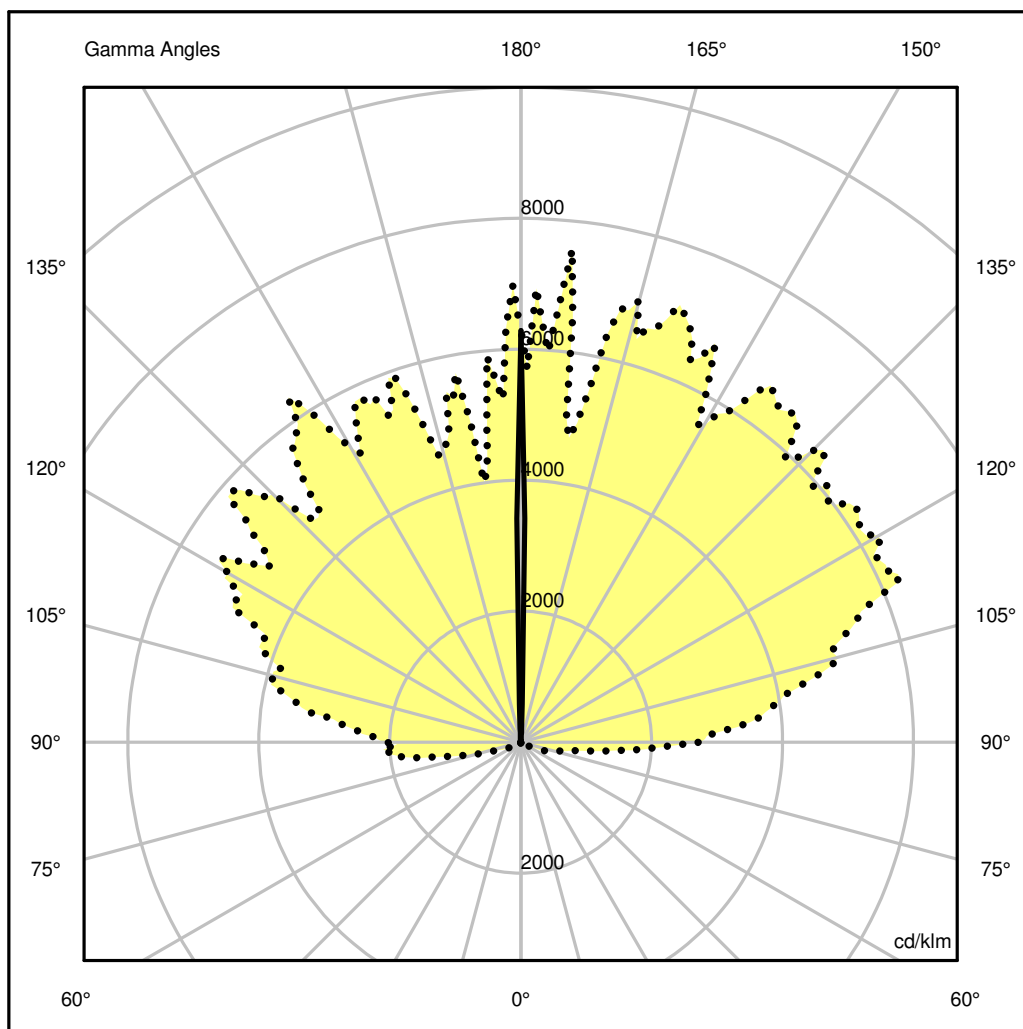
D13



ULOR 87.47 %

DLOR 12.53 %

RN 87.47 %



## Luminaire

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## Measur.

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|                            |          |                 |                |                             |                  |                          |         |
|----------------------------|----------|-----------------|----------------|-----------------------------|------------------|--------------------------|---------|
| Luminaire Flux             | 13.85 lm | Luminaire Power | 3.00 W         | Efficacy                    | 4.62 lm/W        | Efficiency               | 100.00% |
| Sources Flux               | 13.85 lm | Maximum value   | 7562.51 cd/klm | Position                    | C=90.00 G=174.00 | CG Sym. on planes 270-90 |         |
| Rectangular Luminaire      |          | Length          | 115 mm         | Width                       | 50 mm            | Height                   | 80 mm   |
| Rectangular Luminous Area  |          | Length          | 70 mm          | Width                       | 3 mm             | Height                   | 29 mm   |
| Horizontal Luminous Area   |          | 0.000210 m2     |                | Emitting area on Plane 180° |                  | 0.002100 m2              |         |
| Emitting area on Plane 0°  |          | 0.002100 m2     |                | Emitting area on Plane 270° |                  | 0.000090 m2              |         |
| Emitting area on Plane 90° |          | 0.000090 m2     |                | Glare area at 76°           |                  | 0.002088 m2              |         |
| Coordinate system          |          | CG Roads        |                | Symmetry Type               |                  | Sym. on planes 270-90    |         |
| Date                       |          | 26-11-2019      |                | Maximum Gamma Angle         |                  | 180                      |         |
| Measurement Distance       |          | 0.00            |                | Measurement Flux            |                  | 13.85 lm                 |         |

LED Flux=214.46lm LED Power=3W Eff=6.46% EfcLed=71.5lm/W EfcLum=5lm/W Ra=80 SDCM=3 L70(6K)=50000h

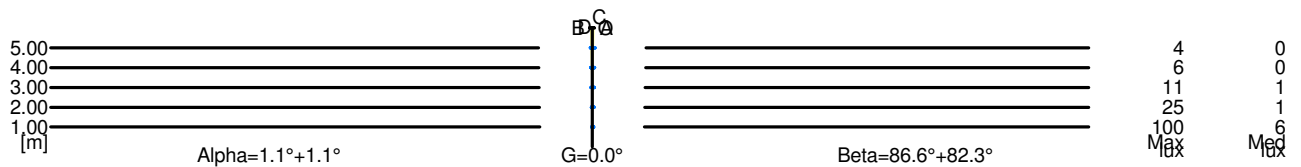
|        |                 |            |     |
|--------|-----------------|------------|-----|
| C.I.E. | 15 30 54 13 100 | D DIN 5040 | D13 |
|--------|-----------------|------------|-----|

### 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   | 0.02 | 0.04 | 0.06 | 0.08 | 0.10 | OC   | 16.79 | 33.58 | 50.37 | 67.16 | 83.95 |
| OB   | 0.02 | 0.04 | 0.06 | 0.08 | 0.10 | OD   | 7.40  | 14.80 | 22.20 | 29.60 | 37.00 |

### Luminous Intensities [ cd/klm]

|    | 0     | 5     | 15    | 25    | 35    | 45    | 55    | 65    | 75    | 85    |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OA | 87.10 | 1.43  | 0.38  | 0.25  | 0.20  | 0.18  | 0.17  | 0.18  | 0.16  | 0.16  |
| OB | 87.10 | 1.43  | 0.38  | 0.25  | 0.20  | 0.18  | 0.17  | 0.18  | 0.16  | 0.16  |
| OC | 87.10 | 92.27 | 96.64 | 89.77 | 92.13 | 87.22 | 86.56 | 85.68 | 69.46 | 48.63 |
| OD | 87.10 | 81.85 | 62.99 | 80.31 | 82.28 | 74.22 | 64.94 | 67.29 | 54.50 | 36.58 |



|      |      |         |         |                 |       |
|------|------|---------|---------|-----------------|-------|
| 5.00 | 0.19 | 4       | 0       |                 |       |
| 4.00 | 0.15 | 6       | 0       |                 |       |
| 3.00 | 0.11 | 11      | 1       |                 |       |
| 2.00 | 0.08 | 25      | 1       |                 |       |
| 1.00 | 0.04 | 100     | 6       |                 |       |
| H[m] | D[m] | Max lux | Med lux | Alpha=1.1°+1.1° | G=0.0 |

|      |        |         |         |                  |       |
|------|--------|---------|---------|------------------|-------|
| 5.00 | 120.95 | 4       | 0       |                  |       |
| 4.00 | 96.76  | 6       | 0       |                  |       |
| 3.00 | 72.57  | 11      | 1       |                  |       |
| 2.00 | 48.38  | 25      | 1       |                  |       |
| 1.00 | 24.19  | 100     | 6       |                  |       |
| H[m] | D[m]   | Max lux | Med lux | Beta=82.3°+86.6° | G=0.0 |