

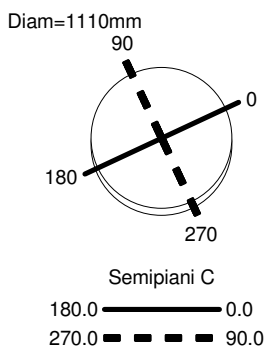
## Luminaire

Code 1366W10A  
Name MERCURY PLAFONE LED COB 2700K

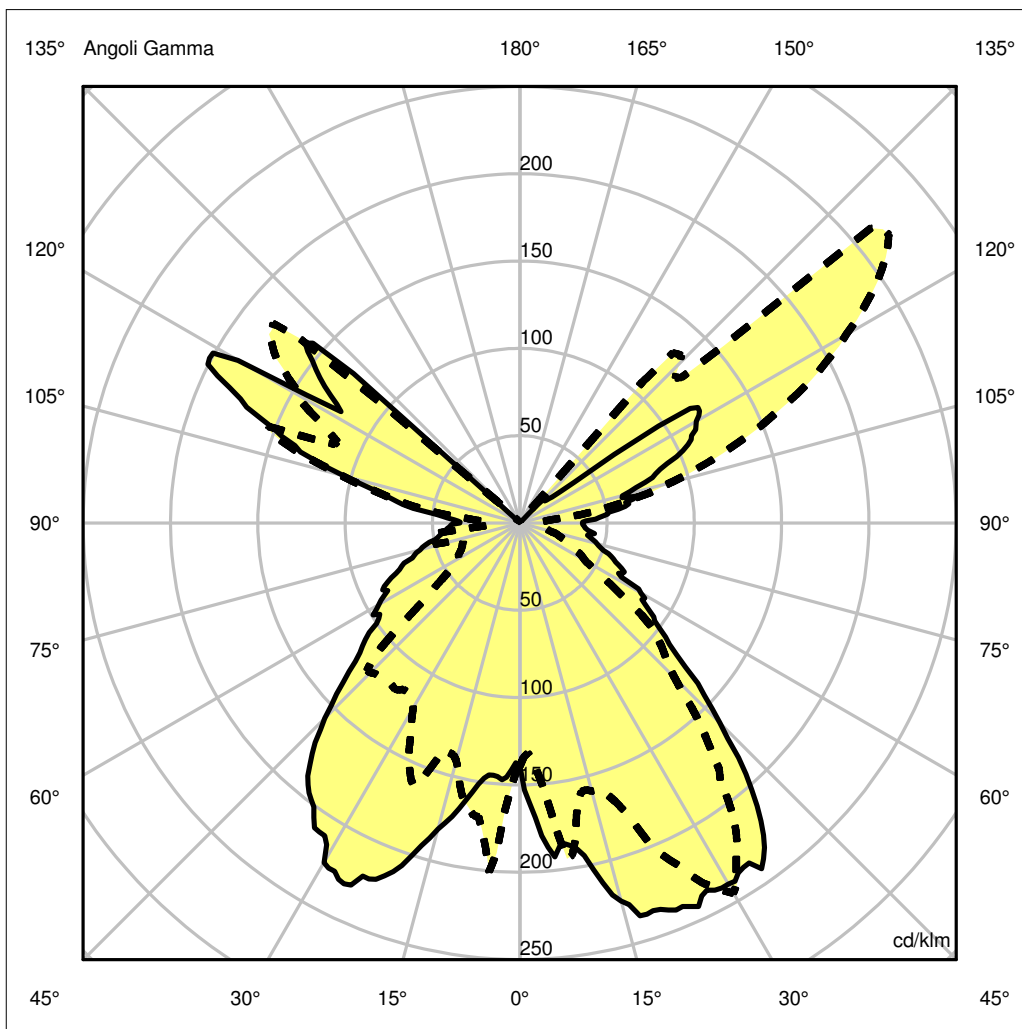
## Measurem.

Code FTS1700089  
Name MERCURY PLAFONE LED COB 2700K

|   |   |   |   |          |                  |            |              |
|---|---|---|---|----------|------------------|------------|--------------|
| Luminaire Flux  | 2893.00 lm                                | Luminaire Power   | 58.00 W                                   | Efficacy | 49.88 lm/W       | Efficiency | 100.00%      |
| Lamps Flux  | 2893.00 lm                                | Maximum value   | 313.01 cd/klm                             | Position | C=85.00 G=130.00 | CG         | Asymmetrical |
| Round Luminaire<br>Round Luminous Area  | Diam. 1110 mm<br>Diam. 1110 mm            | Height  | 600 mm                                    | Height   | 600 mm           |            |              |
| Horizontal Luminous Area<br>Emitting area on Plane 0°<br>Emitting area on Plane 90°                 | 0.967689 m2<br>0.666000 m2<br>0.666000 m2 | Emitting area on Plane 180°<br>Emitting area on Plane 270°<br>Glare area at 76° | 0.666000 m2<br>0.666000 m2<br>0.880322 m2 |          |                  |            |              |
| Coordinate system<br>Date<br>Measurement Distance   | CG<br>15-10-2015<br>0.00                  | Symmetry Type<br>Maximum Gamma Angle<br>Measurement Flux                        | Asymmetrical<br>180<br>2893.00 lm         |          |                  |            |              |
| LED Flux=5365,36lm LED Power=48,5W Eff=54% EfcLed=111lm/W EfcLum=50lm/W Ra=90 SDCM=2 L70(6K)=50000h |   |   |   |          |                  |            |              |
| C.I.E.<br>F UTE   | 50 79 92 58 100<br>0.58 E + 0.42 T        | D DIN 5040<br>B NBN   | C31<br>BZ 4 / 1.5 / BZ 5                  |          |                  |            |              |



ULOR 42.20 %  
DLOR 57.80 %  
RN 42.20 %



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## Measurerm.

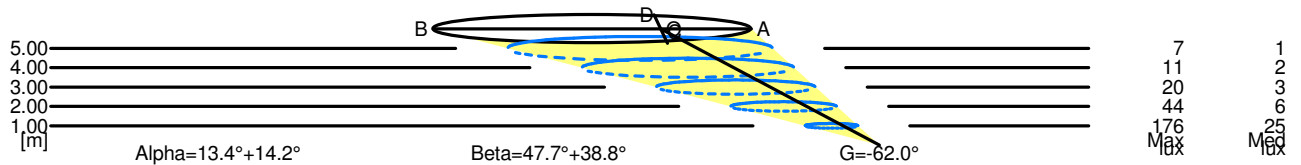
Code FTS1700089  
Name MERCURY PLAFONE LED COB 2700K

|   |                 |                 |               |                             |                   |              |              |
|---|-----------------|-----------------|---------------|-----------------------------|-------------------|--------------|--------------|
| Luminaire Flux  | 2893.00 lm      | Luminaire Power | 58.00 W       | Efficacy                    | 49.88 lm/W        | Efficiency   | 100.00%      |
| Lamps Flux  | 2893.00 lm      | Maximum value   | 313.01 cd/klm | Position                    | C=85.00 G=130.00  | CG           | Asymmetrical |
| Round Luminaire   |                 | Diam.           | 1110 mm       | Height                      | 600 mm            |              |              |
| Round Luminous Area   |                 | Diam.           | 1110 mm       | Height                      | 600 mm            |              |              |
| Horizontal Luminous Area  | 0.967689 m2     |                 |               | Emitting area on Plane 180° |                   | 0.666000 m2  |              |
| Emitting area on Plane 0°   | 0.666000 m2     |                 |               | Emitting area on Plane 270° |                   | 0.666000 m2  |              |
| Emitting area on Plane 90°  | 0.666000 m2     |                 |               | Glare area at 76°           |                   | 0.880322 m2  |              |
| Coordinate system   | CG              |                 |               | Symmetry Type               |                   | Asymmetrical |              |
| Date  | 15-10-2015      |                 |               | Maximum Gamma Angle         |                   | 180          |              |
| Measurement Distance  | 0.00            |                 |               | Measurement Flux            |                   | 2893.00 lm   |              |
| LED Flux=5365,36lm LED Power=48,5W Eff=54% EfcLed=111lm/W EfcLum=50lm/W Ra=90 SDCM=2 L70(6K)=50000h |                 |                 |               |                             |                   |              |              |
| C.I.E.  | 50 79 92 58 100 |                 |               | D DIN 5040                  | C31               |              |              |
| F UTE   | 0.58 E + 0.42 T |                 |               | B NBN                       | BZ 4 / 1.5 / 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   | 0.78 | 1.56 | 2.34 | 3.12 | 3.90 | OC   | 2.34 | 4.68 | 7.01 | 9.35 | 11.69 |
| OB   | 1.96 | 3.92 | 5.87 | 7.83 | 9.79 | OD   | 1.71 | 3.42 | 5.13 | 6.84 | 8.55  |

|    |                                |      |      |      |       |        |        |        |        |        |
|----|--------------------------------|------|------|------|-------|--------|--------|--------|--------|--------|
|    | Luminous Intensities [ cd/klm] |      |      |      |       |        |        |        |        |        |
|    | 0                              | 5    | 15   | 25   | 35    | 45     | 55     | 65     | 75     | 85     |
| OA | 3.06                           | 3.19 | 3.08 | 3.03 | 5.24  | 62.54  | 280.30 | 307.40 | 175.92 | 139.51 |
| OB | 3.06                           | 3.13 | 3.05 | 3.15 | 3.69  | 8.59   | 394.92 | 530.78 | 301.04 | 128.63 |
| OC | 3.06                           | 3.24 | 3.16 | 4.26 | 11.72 | 374.78 | 732.61 | 507.98 | 260.52 | 44.82  |
| OD | 3.06                           | 3.30 | 3.19 | 3.26 | 5.46  | 38.42  | 497.35 | 344.04 | 308.12 | 90.77  |



|      |       |         |         |                           |
|------|-------|---------|---------|---------------------------|
| 5.00 | 13.69 | 7       | 1       |                           |
| 4.00 | 10.95 | 11      | 2       |                           |
| 3.00 | 8.21  | 20      | 3       |                           |
| 2.00 | 5.48  | 44      | 6       |                           |
| 1.00 | 2.74  | 176     | 25      |                           |
| H[m] | D[m]  | Max lux | Med lux | Alpha=13.4°+14.2° G=-62.0 |

|      |       |         |         |                        |
|------|-------|---------|---------|------------------------|
| 5.00 | 20.24 | 7       | 1       |                        |
| 4.00 | 16.19 | 11      | 2       |                        |
| 3.00 | 12.14 | 20      | 3       |                        |
| 2.00 | 8.10  | 44      | 6       |                        |
| 1.00 | 4.05  | 176     | 25      |                        |
| H[m] | D[m]  | Max lux | Med lux | Beta=38.8°+47.7° G=0.0 |