

## Luminaire

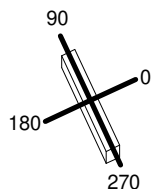
Code M113721  
Name CHOCOLATE SOSPENSIONE LED 4000K DIMMERABILE BIANCO

## Measurement

Code FTS1400870-C  
Name CHOCOLATE SOSPENSIONE LED 4000K DIMMERABILE BIANCO

|   |                 |                         |               |                             |               |                         |                    |
|---|-----------------|-------------------------|---------------|-----------------------------|---------------|-------------------------|--------------------|
| Luminaire Flux  | 4048 lm         | Luminaire Power         | 60.0 W        | Efficacy                    | 67.467 lm/W   | Efficiency              | 100.00%            |
| Source Flux   | 4048 lm         | Maximum value           | 295.97 cd/klm | Position                    | C=0.00 G=6.00 | CG                      | Double Symmetrical |
| Rectangular Luminaire   |                 | Length                  | 1145 mm       | Width                       | 160 mm        | Height                  | 40 mm              |
| Rectangular Luminous Area   |                 | Length                  | 1145 mm       | Width                       | 120 mm        | Height                  | 9 mm               |
| Horizontal Luminous Area  |                 | 0.137400 m <sup>2</sup> |               | Emitting area on Plane 180° |               | 0.011450 m <sup>2</sup> |                    |
| Emitting area on Plane 0°   |                 | 0.011450 m <sup>2</sup> |               | Emitting area on Plane 270° |               | 0.001200 m <sup>2</sup> |                    |
| Emitting area on Plane 90°  |                 | 0.001200 m <sup>2</sup> |               | Glare area at 76°           |               | 0.044350 m <sup>2</sup> |                    |
| Coordinate system   |                 | CG                      |               | Symmetry Type               |               | Double Symmetrical      |                    |
| Date  |                 | 31-10-2024              |               | Maximum Gamma Angle         |               | 180                     |                    |
| Measurement Distance  |                 | 0.00                    |               | Measurement Flux            |               | 4048 lm                 |                    |
| LED Flux=8845lm LED Power=51W Eff=46% EfcLed=172lm/W EfcLum=67lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(12k)=69000h |                 |                         |               |                             |               |                         |                    |
| C.I.E.  | 56 87 97 70 100 |                         |               | D DIN 5040                  |               | B41                     |                    |
| F UTE   | 0.70 D + 0.30 T |                         |               | B NBN                       |               | BZ 3                    |                    |

1145mm x 160mm



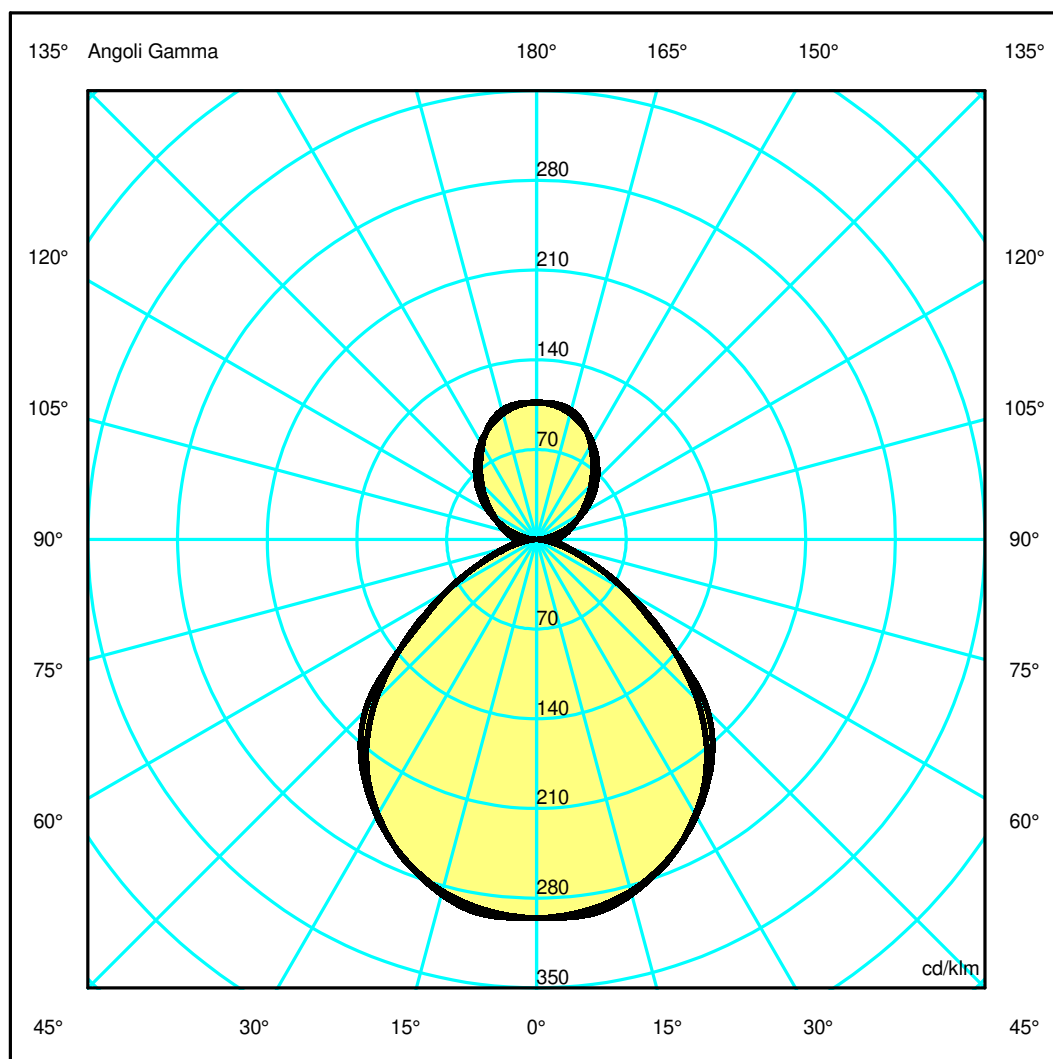
Semipiani C

180.0 ——— 0.0  
270.0 ——— 90.0

ULOR 29.61 %

DLOR 70.39 %

RN 29.61 %



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## Measurerm.

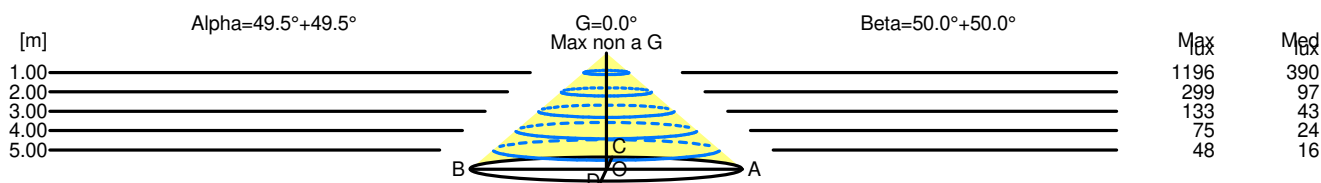
Code FTS1400870-C  
Name CHOCOLATE SOSPENSIONE LED 4000K DIMMERABILE BIANCO

|   |                 |                 |               |                             |               |                    |                    |
|---|-----------------|-----------------|---------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux  | 4048 lm         | Luminaire Power | 60.0 W        | Efficacy                    | 67.467 lm/W   | Efficiency         | 100.00%            |
| Source Flux   | 4048 lm         | Maximum value   | 295.97 cd/klm | Position                    | C=0.00 G=6.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire   |                 | Length          | 1145 mm       | Width                       | 160 mm        | Height             | 40 mm              |
| Rectangular Luminous Area   |                 | Length          | 1145 mm       | Width                       | 120 mm        | Height             | 9 mm               |
| Horizontal Luminous Area  |                 | 0.137400 m2     |               | Emitting area on Plane 180° |               | 0.011450 m2        |                    |
| Emitting area on Plane 0°   |                 | 0.011450 m2     |               | Emitting area on Plane 270° |               | 0.001200 m2        |                    |
| Emitting area on Plane 90°  |                 | 0.001200 m2     |               | Glare area at 76°           |               | 0.044350 m2        |                    |
| Coordinate system   |                 | CG              |               | Symmetry Type               |               | Double Symmetrical |                    |
| Date  |                 | 31-10-2024      |               | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance  |                 | 0.00            |               | Measurement Flux            |               | 4048 lm            |                    |
| LED Flux=8845lm LED Power=51W Eff=46% EfcLed=172lm/W EfcLum=67lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(12k)=69000h |                 |                 |               |                             |               |                    |                    |
| C.I.E.  | 56 87 97 70 100 |                 |               | D DIN 5040                  | B41           |                    |                    |
| F UTE   | 0.70 D + 0.30 T |                 |               | B NBN                       | BZ 3          |                    |                    |

### 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   | 1.17 | 2.34 | 3.51 | 4.68 | 5.85 | OC   | 1.19 | 2.38 | 3.57 | 4.76 | 5.95 |
| OB   | 1.17 | 2.34 | 3.51 | 4.68 | 5.85 | OD   | 1.19 | 2.38 | 3.57 | 4.76 | 5.95 |

|    |                                 |         |         |         |        |        |        |        |        |       |
|----|---------------------------------|---------|---------|---------|--------|--------|--------|--------|--------|-------|
|    | Luminous Intensities [ cd/klm ] |         |         |         |        |        |        |        |        |       |
|    | 0                               | 5       | 15      | 25      | 35     | 45     | 55     | 65     | 75     | 85    |
| OA | 1196.34                         | 1197.18 | 1160.41 | 1066.79 | 928.31 | 718.65 | 455.27 | 224.98 | 102.18 | 55.02 |
| OB | 1196.34                         | 1197.18 | 1160.41 | 1066.79 | 928.31 | 718.65 | 455.27 | 224.98 | 102.18 | 55.02 |
| OC | 1196.34                         | 1189.34 | 1150.59 | 1065.84 | 941.45 | 764.38 | 433.51 | 225.75 | 83.95  | 16.03 |
| OD | 1196.34                         | 1189.34 | 1150.59 | 1065.84 | 941.45 | 764.38 | 433.51 | 225.75 | 83.95  | 16.03 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=49.5°+49.5° | G=0.0° Max non a G |
|------|-------|---------|---------|-------------------|--------------------|
| 1.00 | 2.34  | 1196    | 390     |                   |                    |
| 2.00 | 4.68  | 299     | 97      |                   |                    |
| 3.00 | 7.02  | 133     | 43      |                   |                    |
| 4.00 | 9.37  | 75      | 24      |                   |                    |
| 5.00 | 11.71 | 48      | 16      |                   |                    |

| H[m] | D[m]  | Max lux | Med lux | Beta=50.0°+50.0° | G=0.0° Max non a G |
|------|-------|---------|---------|------------------|--------------------|
| 1.00 | 2.38  | 1196    | 390     |                  |                    |
| 2.00 | 4.76  | 299     | 97      |                  |                    |
| 3.00 | 7.14  | 133     | 43      |                  |                    |
| 4.00 | 9.52  | 75      | 24      |                  |                    |
| 5.00 | 11.90 | 48      | 16      |                  |                    |