

## Luminaire

Code M2991\_N+M186700

Name ALGORITMO SYSTEM PIASTRA CABLATA DIRETTA LED TW - cold - DALI 1184MM + INDIRETTA LED+ OTTICA DARKLIGHT PER LED

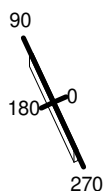
## Measurem.

Code FTS1800258

Name ALGORITMO SYSTEM PIASTRA CABLATA DIRETTA LED TW - cold - DALI 1184MM + INDIRETTA LED+ OTTICA DARKLIGHT PER LED

|                                                                                                             |                 |                 |               |                             |                  |                    |                    |
|-------------------------------------------------------------------------------------------------------------|-----------------|-----------------|---------------|-----------------------------|------------------|--------------------|--------------------|
| Luminaire Flux                                                                                              | 3938 lm         | Luminaire Power | 62.0 W        | Efficacy                    | 63.520 lm/W      | Efficiency         | 100.00%            |
| Source Flux                                                                                                 | 3938 lm         | Maximum value   | 268.43 cd/klm | Position                    | C=85.00 G=179.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire                                                                                       |                 | Length          | 1185 mm       | Width                       | 45 mm            | Height             | 110 mm             |
| Rectangular Luminous Area                                                                                   |                 | Length          | 1183 mm       | Width                       | 40 mm            | Height             | 0 mm               |
| Horizontal Luminous Area                                                                                    |                 | 0.047320 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°           |                  | 0.011448 m2        |                    |
| Coordinate system                                                                                           |                 | CG              |               | Symmetry Type               |                  | Double Symmetrical |                    |
| Date                                                                                                        |                 | 16-02-2018      |               | Maximum Gamma Angle         |                  | 180                |                    |
| Measurement Distance                                                                                        |                 | 0.00            |               | Measurement Flux            |                  | 3938 lm            |                    |
| LED Flux=5210,72lm LED Power=48W Eff=42% EfcLed=109lm/W EfcLum=35lm/W CCT=6500K Ra=90 SDCM=3 L70(6K)=50000h |                 |                 |               |                             |                  |                    |                    |
| C.I.E.                                                                                                      | 70 96 99 36 100 |                 |               | D DIN 5040                  |                  | D52                |                    |
| F UTE                                                                                                       | 0.36 B + 0.64 T |                 |               | B NBN                       |                  | BZ 2               |                    |

1185mm x 45mm



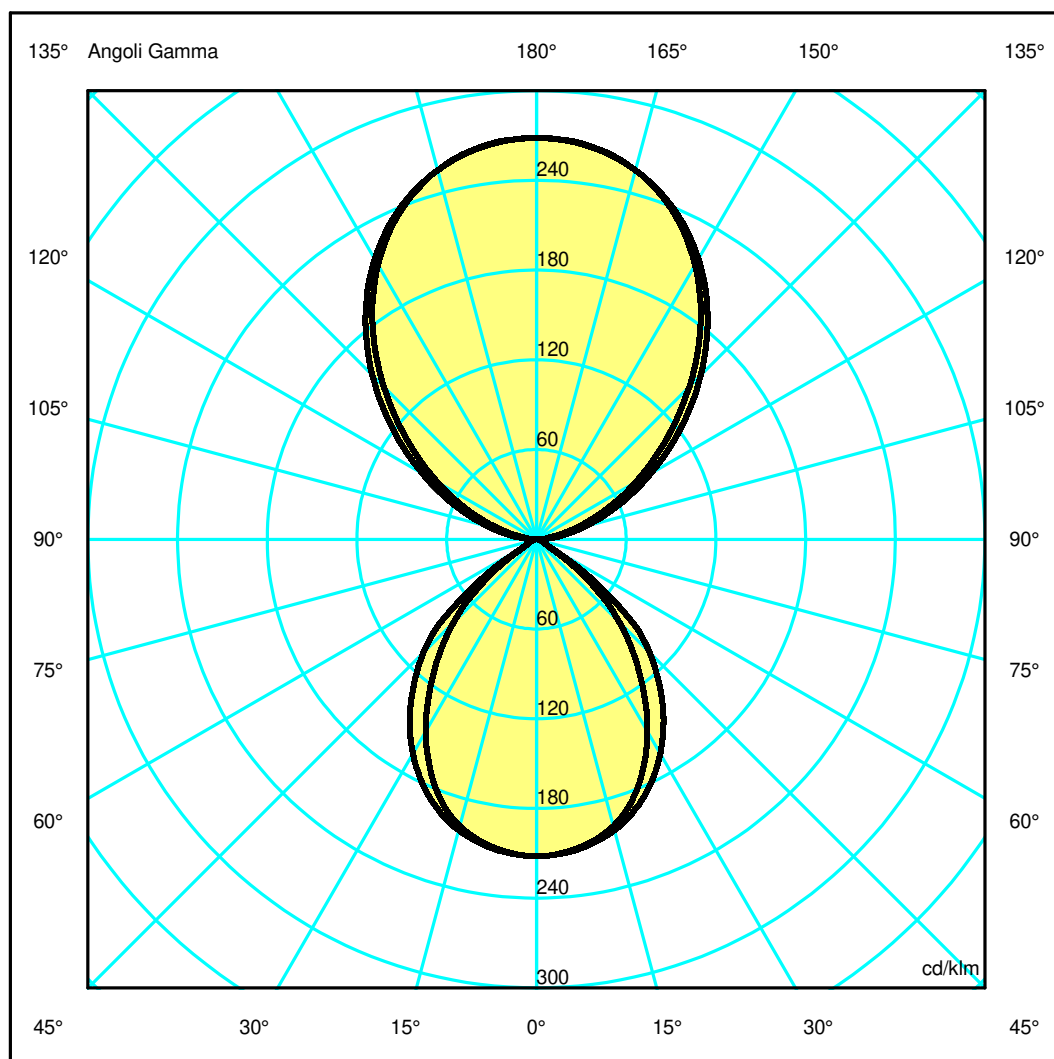
Semipiani C

180.0 — 0.0  
270.0 — 90.0

ULOR 63.87 %

DLOR 36.13 %

RN 63.87 %



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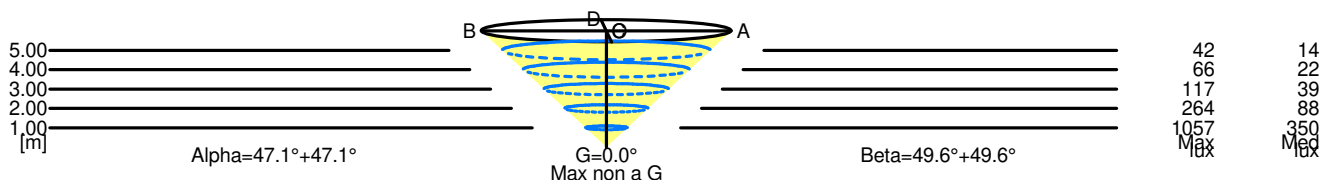
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|                                                                                                             |                 |                 |               |                             |                  |                       |         |
|-------------------------------------------------------------------------------------------------------------|-----------------|-----------------|---------------|-----------------------------|------------------|-----------------------|---------|
| Luminaire Flux                                                                                              | 3938 lm         | Luminaire Power | 62.0 W        | Efficacy                    | 63.520 lm/W      | Efficiency            | 100.00% |
| Source Flux                                                                                                 | 3938 lm         | Maximum value   | 268.43 cd/klm | Position                    | C=85.00 G=179.00 | CG Double Symmetrical |         |
| Rectangular Luminaire                                                                                       |                 | Length          | 1185 mm       | Width                       | 45 mm            | Height                | 110 mm  |
| Rectangular Luminous Area                                                                                   |                 | Length          | 1183 mm       | Width                       | 40 mm            | Height                | 0 mm    |
| Horizontal Luminous Area                                                                                    |                 | 0.047320 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°           |                  | 0.011448 m2           |         |
| Coordinate system                                                                                           |                 | CG              |               | Symmetry Type               |                  | Double Symmetrical    |         |
| Date                                                                                                        |                 | 16-02-2018      |               | Maximum Gamma Angle         |                  | 180                   |         |
| Measurement Distance                                                                                        |                 | 0.00            |               | Measurement Flux            |                  | 3938 lm               |         |
| LED Flux=5210,72lm LED Power=48W Eff=42% EfcLed=109lm/W EfcLum=35lm/W CCT=6500K Ra=90 SDCM=3 L70(6K)=50000h |                 |                 |               |                             |                  |                       |         |
| C.I.E.                                                                                                      | 70 96 99 36 100 |                 |               | D DIN 5040                  | D52              |                       |         |
| F UTE                                                                                                       | 0.36 B + 0.64 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   | 1.08 | 2.15 | 3.23 | 4.30 | 5.38 | OC   | 1.18 | 2.35 | 3.53 | 4.70 | 5.88 |
| OB   | 1.08 | 2.15 | 3.23 | 4.30 | 5.38 | OD   | 1.18 | 2.35 | 3.53 | 4.70 | 5.88 |

|    |                                |         |         |        |        |        |        |        |        |       |
|----|--------------------------------|---------|---------|--------|--------|--------|--------|--------|--------|-------|
|    | Luminous Intensities [ cd/klm] |         |         |        |        |        |        |        |        |       |
|    | 0                              | 5       | 15      | 25     | 35     | 45     | 55     | 65     | 75     | 85    |
| OA | 1056.89                        | 1053.16 | 1006.12 | 905.59 | 753.93 | 569.37 | 383.60 | 224.37 | 93.14  | 14.40 |
| OB | 1056.89                        | 1053.16 | 1006.12 | 905.59 | 753.93 | 569.37 | 383.60 | 224.37 | 93.14  | 14.40 |
| OC | 1056.89                        | 1051.42 | 1006.38 | 915.65 | 779.74 | 611.22 | 433.04 | 266.97 | 133.81 | 37.93 |
| OD | 1056.89                        | 1051.42 | 1006.38 | 915.65 | 779.74 | 611.22 | 433.04 | 266.97 | 133.81 | 37.93 |



|      |       |         |         |                   |                       |
|------|-------|---------|---------|-------------------|-----------------------|
| 5.00 | 10.76 | 42      | 14      |                   |                       |
| 4.00 | 8.61  | 66      | 22      |                   |                       |
| 3.00 | 6.45  | 117     | 39      |                   |                       |
| 2.00 | 4.30  | 264     | 88      |                   |                       |
| 1.00 | 2.15  | 1057    | 350     |                   |                       |
| H[m] | D[m]  | Max lux | Med lux | Alpha=47.1°+47.1° | Max non a G<br>G=0.0° |

|      |       |         |         |                  |                       |
|------|-------|---------|---------|------------------|-----------------------|
| 5.00 | 11.76 | 42      | 14      |                  |                       |
| 4.00 | 9.41  | 66      | 22      |                  |                       |
| 3.00 | 7.05  | 117     | 39      |                  |                       |
| 2.00 | 4.70  | 264     | 88      |                  |                       |
| 1.00 | 2.35  | 1057    | 350     |                  |                       |
| H[m] | D[m]  | Max lux | Med lux | Beta=49.6°+49.6° | Max non a G<br>G=0.0° |