

## Luminaire

Code M2990\_N+M186700

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

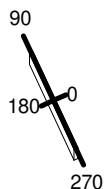
## Measurement

Code FTS1800256

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

|                                                                                                             |                  |                 |               |                             |                |                    |                    |
|-------------------------------------------------------------------------------------------------------------|------------------|-----------------|---------------|-----------------------------|----------------|--------------------|--------------------|
| Luminaire Flux                                                                                              | 1422 lm          | Luminaire Power | 35.0 W        | Efficacy                    | 40.643 lm/W    | Efficiency         | 100.00%            |
| Source Flux                                                                                                 | 1422 lm          | Maximum value   | 586.05 cd/klm | Position                    | C=35.00 G=1.00 | 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            |                | 1422 lm            |                    |
| LED Flux=3870,72lm LED Power=29W Eff=37% EfcLed=133lm/W EfcLum=41lm/W CCT=6500K Ra=90 SDCM=3 L70(6K)=50000h |                  |                 |               |                             |                |                    |                    |
| C.I.E.                                                                                                      | 70 96 99 100 100 |                 |               | D DIN 5040                  | A50            |                    |                    |
| F UTE                                                                                                       | 1.00 B           |                 |               | B NBN                       | BZ 2           |                    |                    |

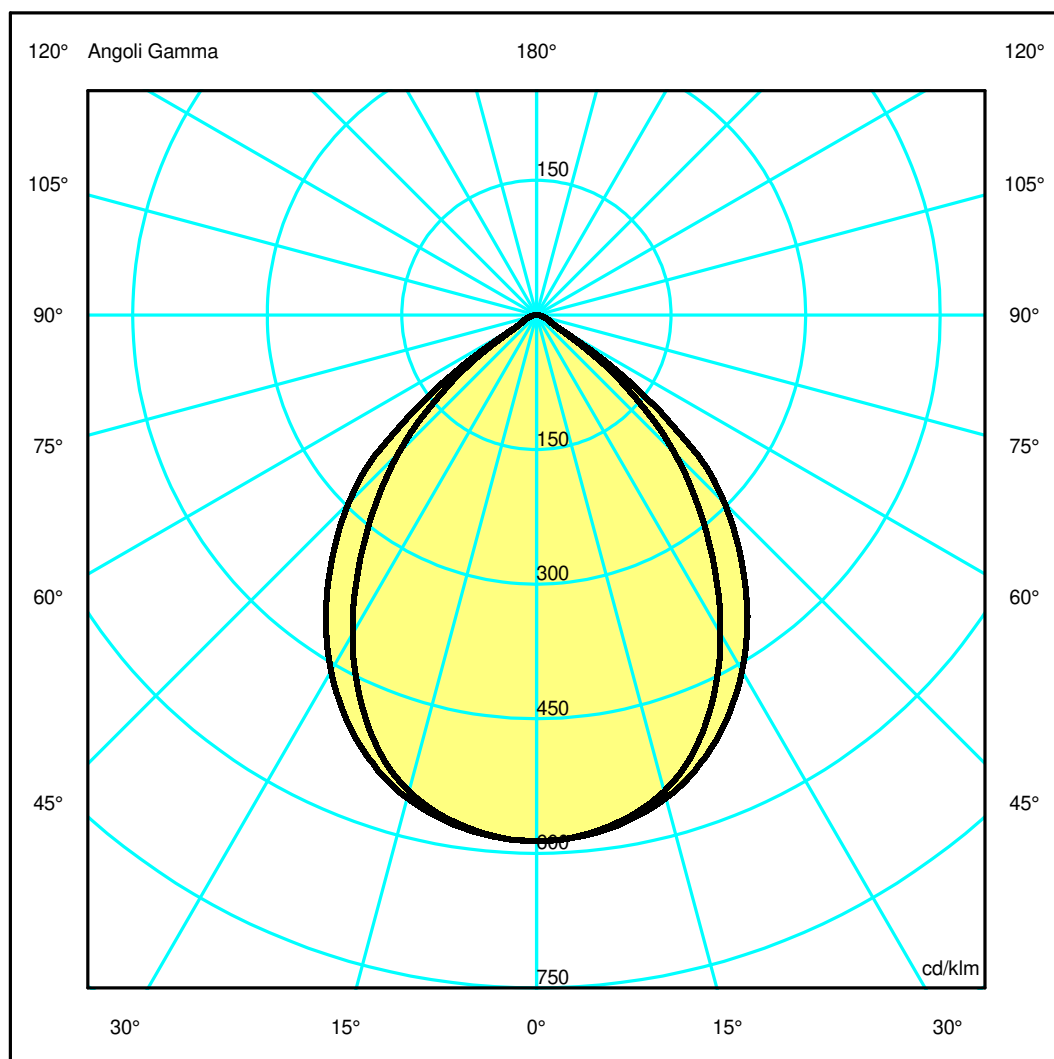
1185mm x 45mm



Semipiani C

180.0 — 0.0  
270.0 — 90.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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## Measurem.

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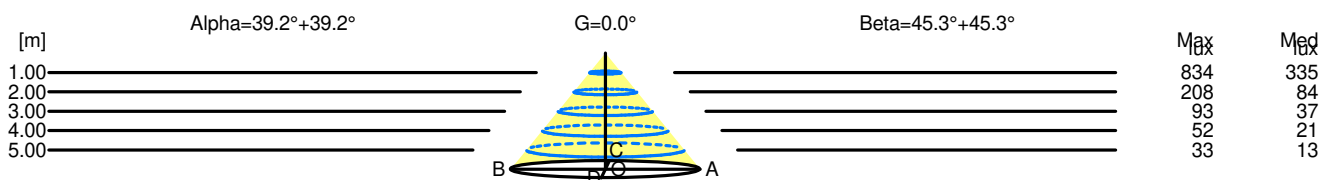
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|                                                                                                             |                  |                 |               |                             |                |                       |         |
|-------------------------------------------------------------------------------------------------------------|------------------|-----------------|---------------|-----------------------------|----------------|-----------------------|---------|
| Luminaire Flux                                                                                              | 1422 lm          | Luminaire Power | 35.0 W        | Efficacy                    | 40.643 lm/W    | Efficiency            | 100.00% |
| Source Flux                                                                                                 | 1422 lm          | Maximum value   | 586.05 cd/klm | Position                    | C=35.00 G=1.00 | 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            |                | 1422 lm               |         |
| LED Flux=3870,72lm LED Power=29W Eff=37% EfcLed=133lm/W EfcLum=41lm/W CCT=6500K Ra=90 SDCM=3 L70(6K)=50000h |                  |                 |               |                             |                |                       |         |
| C.I.E.                                                                                                      | 70 96 99 100 100 |                 |               | D DIN 5040                  | A50            |                       |         |
| F UTE                                                                                                       | 1.00 B           |                 |               | 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   | 0.82 | 1.63 | 2.45 | 3.26 | 4.08 | OC   | 1.01 | 2.02 | 3.03 | 4.04 | 5.05 |
| OB   | 0.82 | 1.63 | 2.45 | 3.26 | 4.08 | OD   | 1.01 | 2.02 | 3.03 | 4.04 | 5.05 |

|    |                                |        |        |        |        |        |        |       |       |      |
|----|--------------------------------|--------|--------|--------|--------|--------|--------|-------|-------|------|
|    | Luminous Intensities [ cd/klm] |        |        |        |        |        |        |       |       |      |
|    | 0                              | 5      | 15     | 25     | 35     | 45     | 55     | 65    | 75    | 85   |
| OA | 833.54                         | 827.61 | 781.60 | 665.01 | 492.77 | 309.11 | 106.77 | 22.38 | 11.72 | 3.65 |
| OB | 833.54                         | 827.61 | 781.60 | 665.01 | 492.77 | 309.11 | 106.77 | 22.38 | 11.72 | 3.65 |
| OC | 833.54                         | 829.27 | 792.85 | 710.51 | 582.84 | 421.89 | 161.42 | 24.44 | 13.28 | 3.09 |
| OD | 833.54                         | 829.27 | 792.85 | 710.51 | 582.84 | 421.89 | 161.42 | 24.44 | 13.28 | 3.09 |



| H[m] | D[m] | Max lux | Med lux | Alpha=39.2°+39.2° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.63 | 834     | 335     |                   |       |
| 2.00 | 3.26 | 208     | 84      |                   |       |
| 3.00 | 4.89 | 93      | 37      |                   |       |
| 4.00 | 6.52 | 52      | 21      |                   |       |
| 5.00 | 8.15 | 33      | 13      |                   |       |

| H[m] | D[m]  | Max lux | Med lux | Beta=45.3°+45.3° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 2.02  | 834     | 335     |                  |       |
| 2.00 | 4.04  | 208     | 84      |                  |       |
| 3.00 | 6.06  | 93      | 37      |                  |       |
| 4.00 | 8.08  | 52      | 21      |                  |       |
| 5.00 | 10.09 | 33      | 13      |                  |       |