

## Luminaire

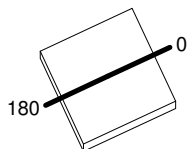
Code M201703  
Name PAD SQUARE FLOOD BINARIO 3000K

## Measur.

Code FTS1502335  
Name PAD SQUARE FLOOD BINARIO 3000K

|                                                                                                                                                           |                  |                 |                |                             |               |                 |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                                                            | 1650.00 lm       | Luminaire Power | 29.00 W        | Efficacy                    | 56.90 lm/W    | Efficiency      | 100.00%         |
| Lamps Flux                                                                                                                                                | 1650.00 lm       | Maximum value   | 3924.42 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Rectangular Luminaire                                                                                                                                     |                  | Length          | 170 mm         | Width                       | 168 mm        | Height          | 12 mm           |
| Rectangular Luminous Area                                                                                                                                 |                  | Length          | 100 mm         | Width                       | 160 mm        | Height          | 0 mm            |
| Horizontal Luminous Area                                                                                                                                  |                  | 0.016000 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°           |               | 0.003871 m2     |                 |
| Coordinate system                                                                                                                                         |                  | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                                                                                                                                                      |                  | 03-03-2015      |                | Maximum Gamma Angle         |               | 90              |                 |
| Measurement Distance                                                                                                                                      |                  | 0.00            |                | Measurement Flux            |               | 1650.00 lm      |                 |
| 3000K - Imax=3925 cd/klm -LED Flux=1988 lm - LED Power=24 W - Eff=83% - EfcLED=82.8 lm/W - EfcLum=56.9 lm/W<br>Ra=80 min -SDCM=4- Life=L70(14K)>81600 ore |                  |                 |                |                             |               |                 |                 |
| C.I.E.                                                                                                                                                    | 87 95 99 100 100 |                 |                | D DIN 5040                  | A60           |                 |                 |
| F UTE                                                                                                                                                     | 1.00 A           |                 |                | B NBN                       | BZ 1          |                 |                 |

170mm x 168mm



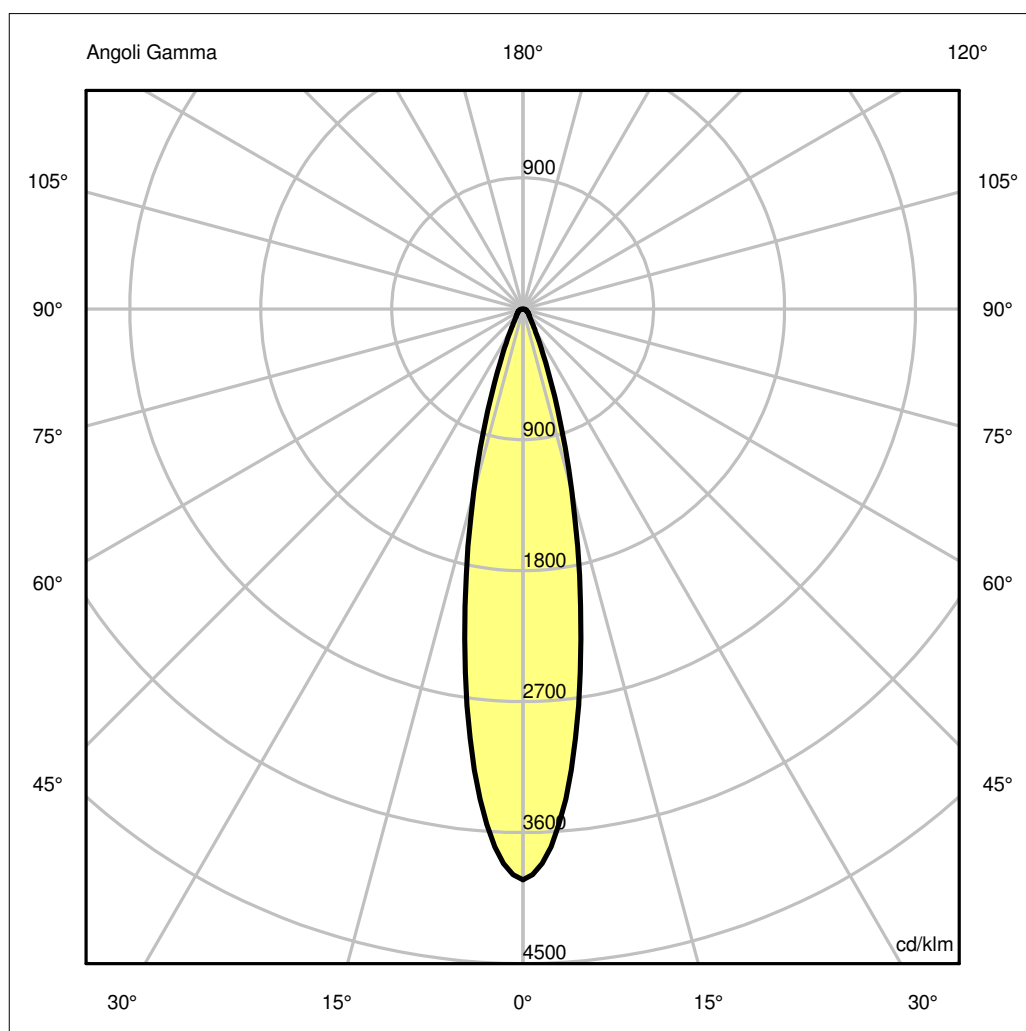
Semipiani C

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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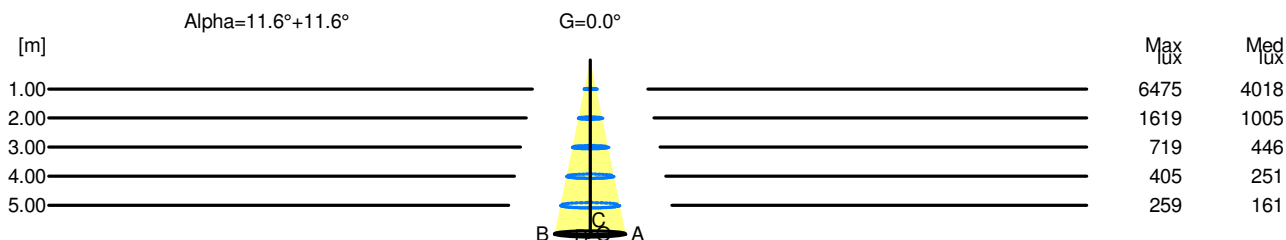
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|                                                                                                                                                           |                  |                 |                |                             |               |                 |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                                                            | 1650.00 lm       | Luminaire Power | 29.00 W        | Efficacy                    | 56.90 lm/W    | Efficiency      | 100.00%         |
| Lamps Flux                                                                                                                                                | 1650.00 lm       | Maximum value   | 3924.42 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Rectangular Luminaire                                                                                                                                     |                  | Length          | 170 mm         | Width                       | 168 mm        | Height          | 12 mm           |
| Rectangular Luminous Area                                                                                                                                 |                  | Length          | 100 mm         | Width                       | 160 mm        | Height          | 0 mm            |
| Horizontal Luminous Area                                                                                                                                  |                  | 0.016000 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°           |               | 0.003871 m2     |                 |
| Coordinate system                                                                                                                                         |                  | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                                                                                                                                                      |                  | 03-03-2015      |                | Maximum Gamma Angle         |               | 90              |                 |
| Measurement Distance                                                                                                                                      |                  | 0.00            |                | Measurement Flux            |               | 1650.00 lm      |                 |
| 3000K - Imax=3925 cd/klm -LED Flux=1988 lm - LED Power=24 W - Eff=83% - EfcLED=82.8 lm/W - EfcLum=56.9 lm/W<br>Ra=80 min -SDCM=4- Life=L70(14K)>81600 ore |                  |                 |                |                             |               |                 |                 |
| C.I.E.                                                                                                                                                    | 87 95 99 100 100 |                 |                | D DIN 5040                  | A60           |                 |                 |
| F UTE                                                                                                                                                     | 1.00 A           |                 |                | B NBN                       | BZ 1          |                 |                 |

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   | 0.20 | 0.41 | 0.61 | 0.82 | 1.02 | OC   | 0.20 | 0.41 | 0.61 | 0.82 | 1.02 |
| OB   | 0.20 | 0.41 | 0.61 | 0.82 | 1.02 | OD   | 0.20 | 0.41 | 0.61 | 0.82 | 1.02 |

|    |                                |         |         |        |        |       |       |       |       |      |
|----|--------------------------------|---------|---------|--------|--------|-------|-------|-------|-------|------|
|    | Luminous Intensities [ cd/klm] |         |         |        |        |       |       |       |       |      |
|    | 0                              | 5       | 15      | 25     | 35     | 45    | 55    | 65    | 75    | 85   |
| OA | 6475.30                        | 5579.26 | 2151.23 | 492.47 | 171.57 | 99.63 | 70.32 | 47.26 | 26.90 | 9.61 |
| OB | 6475.30                        | 5579.26 | 2151.23 | 492.47 | 171.57 | 99.63 | 70.32 | 47.26 | 26.90 | 9.61 |
| OC | 6475.30                        | 5579.26 | 2151.23 | 492.47 | 171.57 | 99.63 | 70.32 | 47.26 | 26.90 | 9.61 |
| OD | 6475.30                        | 5579.26 | 2151.23 | 492.47 | 171.57 | 99.63 | 70.32 | 47.26 | 26.90 | 9.61 |



| H[m] | D[m] | Max lux | Med lux | Alpha=11.6°+11.6° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.41 | 6475    | 4018    |                   |       |
| 2.00 | 0.82 | 1619    | 1005    |                   |       |
| 3.00 | 1.23 | 719     | 446     |                   |       |
| 4.00 | 1.64 | 405     | 251     |                   |       |
| 5.00 | 2.05 | 259     | 161     |                   |       |