

## Luminaire

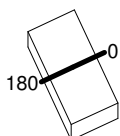
Code M201903  
Name PAD SQUARE WIDE FLOOD BINARIO 3000K

## Measurem.

Code FTS1502337  
Name PAD SQUARE WIDE FLOOD BINARIO 3000K

|                                                                                                                                                                         |                  |                 |                |                             |               |                 |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                                                                          | 1610.00 lm       | Luminaire Power | 29.00 W        | Efficacy                    | 55.52 lm/W    | Efficiency      | 100.00%         |
| Lamps Flux                                                                                                                                                              | 1610.00 lm       | Maximum value   | 1855.13 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Rectangular Luminaire                                                                                                                                                   |                  | Length          | 170 mm         | Width                       | 85 mm         | Height          | 12 mm           |
| Rectangular Luminous Area                                                                                                                                               |                  | Length          | 100 mm         | Width                       | 80 mm         | Height          | 0 mm            |
| Horizontal Luminous Area                                                                                                                                                |                  | 0.008000 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°           |               | 0.001935 m2     |                 |
| Coordinate system                                                                                                                                                       |                  | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                                                                                                                                                                    |                  | 03-03-2015      |                | Maximum Gamma Angle         |               | 90              |                 |
| Measurement Distance                                                                                                                                                    |                  | 0.00            |                | Measurement Flux            |               | 1610.00 lm      |                 |
| 3000K - I <sub>max</sub> =1855 cd/klm - LED Flux=1988 lm - LED Power=24 W - Eff=81% - EfcLED=82.8 lm/W - EfcLum=55.5 lm/W<br>Ra=80 min -SDCM=4- Life=L70(14K)>81600 ore |                  |                 |                |                             |               |                 |                 |
| C.I.E.                                                                                                                                                                  | 83 93 98 100 100 |                 |                | D DIN 5040                  | A60           |                 |                 |
| F UTE                                                                                                                                                                   | 1.00 B           |                 |                | B NBN                       | BZ 1          |                 |                 |

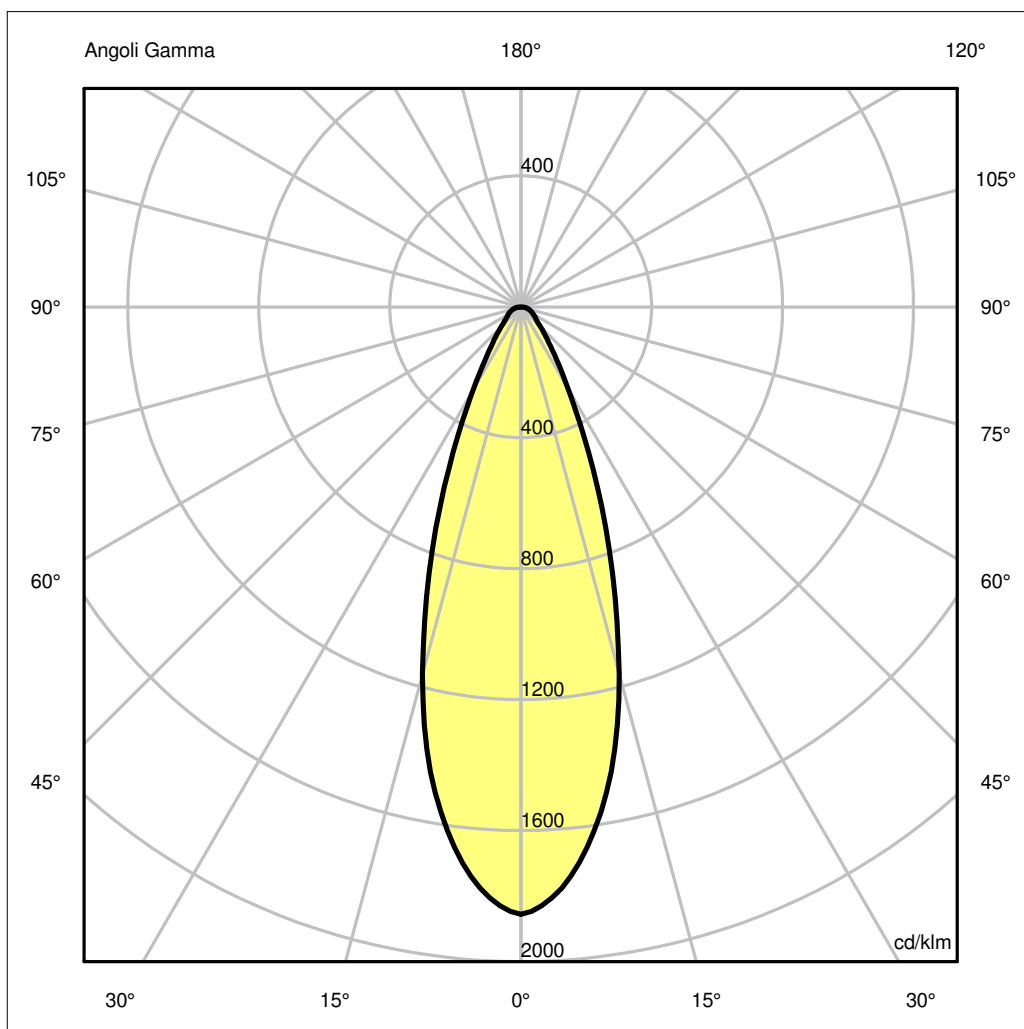
170mm x 85mm



Semipiani C

180.0 — 0.0

ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



## Luminaire

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## Measur.

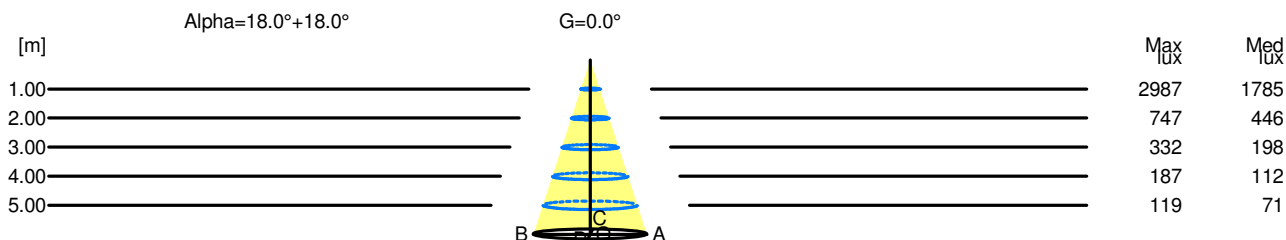
Code FTS1502337  
Name PAD SQUARE WIDE FLOOD BINARIO 3000K

|                                                                                                                                                                         |                  |                 |                |                             |               |                 |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                                                                          | 1610.00 lm       | Luminaire Power | 29.00 W        | Efficacy                    | 55.52 lm/W    | Efficiency      | 100.00%         |
| Lamps Flux                                                                                                                                                              | 1610.00 lm       | Maximum value   | 1855.13 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Rectangular Luminaire                                                                                                                                                   |                  | Length          | 170 mm         | Width                       | 85 mm         | Height          | 12 mm           |
| Rectangular Luminous Area                                                                                                                                               |                  | Length          | 100 mm         | Width                       | 80 mm         | Height          | 0 mm            |
| Horizontal Luminous Area                                                                                                                                                |                  | 0.008000 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°           |               | 0.001935 m2     |                 |
| Coordinate system                                                                                                                                                       |                  | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                                                                                                                                                                    |                  | 03-03-2015      |                | Maximum Gamma Angle         |               | 90              |                 |
| Measurement Distance                                                                                                                                                    |                  | 0.00            |                | Measurement Flux            |               | 1610.00 lm      |                 |
| 3000K - I <sub>max</sub> =1855 cd/klm - LED Flux=1988 lm - LED Power=24 W - Eff=81% - EfcLED=82.8 lm/W - EfcLum=55.5 lm/W<br>Ra=80 min -SDCM=4- Life=L70(14K)>81600 ore |                  |                 |                |                             |               |                 |                 |
| C.I.E.                                                                                                                                                                  | 83 93 98 100 100 |                 |                | D DIN 5040                  | A60           |                 |                 |
| F UTE                                                                                                                                                                   | 1.00 B           |                 |                | 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   | 0.33 | 0.65 | 0.98 | 1.30 | 1.63 | OC   | 0.33 | 0.65 | 0.98 | 1.30 | 1.63 |
| OB   | 0.33 | 0.65 | 0.98 | 1.30 | 1.63 | OD   | 0.33 | 0.65 | 0.98 | 1.30 | 1.63 |

|    | 0       | 5       | 15      | 25     | 35     | 45     | 55    | 65    | 75    | 85    |
|----|---------|---------|---------|--------|--------|--------|-------|-------|-------|-------|
| OA | 2986.76 | 2811.72 | 1868.38 | 787.78 | 288.18 | 134.32 | 82.60 | 58.13 | 37.57 | 12.88 |
| OB | 2986.76 | 2811.72 | 1868.38 | 787.78 | 288.18 | 134.32 | 82.60 | 58.13 | 37.57 | 12.88 |
| OC | 2986.76 | 2811.72 | 1868.38 | 787.78 | 288.18 | 134.32 | 82.60 | 58.13 | 37.57 | 12.88 |
| OD | 2986.76 | 2811.72 | 1868.38 | 787.78 | 288.18 | 134.32 | 82.60 | 58.13 | 37.57 | 12.88 |



| H[m] | D[m] | Max lux | Med lux | Alpha=18.0°+18.0° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.65 | 2987    | 1785    |                   |       |
| 2.00 | 1.30 | 747     | 446     |                   |       |
| 3.00 | 1.95 | 332     | 198     |                   |       |
| 4.00 | 2.61 | 187     | 112     |                   |       |
| 5.00 | 3.26 | 119     | 71      |                   |       |