

## Luminaire

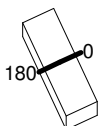
Code M2879W01  
Name JAVA LED TRIMLESS 3x26W SPOT

## Measur.

Code FTS1501707  
Name JAVA LED TRIMLESS 3x26W SPOT

|                                                                                                                                              |                   |                 |                  |                             |                |                 |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|------------------|-----------------------------|----------------|-----------------|-----------------|
| Luminaire Flux                                                                                                                               | 5948.40 lm        | Luminaire Power | 78.00 W          | Efficacy                    | 76.26 lm/W     | Efficiency      | 100.00%         |
| Lamps Flux                                                                                                                                   | 5948.40 lm        | Maximum value   | 10453.82 cd/klm  | Position                    | C=0.00 G=0.00  | CG              | Rotosymmetrical |
| Rectangular Luminaire<br>Round Luminous Area                                                                                                 |                   | Length<br>Diam. | 468 mm<br>111 mm | Width<br>Height             | 156 mm<br>0 mm | Height          | 156 mm          |
| Horizontal Luminous Area                                                                                                                     |                   | 0.009677 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°           |                | 0.002341 m2     |                 |
| Coordinate system                                                                                                                            |                   | CG              |                  | Symmetry Type               |                | Rotosymmetrical |                 |
| Date                                                                                                                                         |                   | 10-09-2013      |                  | Maximum Gamma Angle         |                | 180             |                 |
| Measurement Distance                                                                                                                         |                   | 0.00            |                  | Measurement Flux            |                | 5948.40 lm      |                 |
| 3000K - 3 x LED Flux=2303 lm - LED Power=25.5 W - Eff=88 % - EfcLED=90 lm/W - EfcLum=66 lm/W<br>Ra=80 min - SDCM=3 - Life=L70(6K)>50,000 ore |                   |                 |                  |                             |                |                 |                 |
| C.I.E.                                                                                                                                       | 99 100 100 99 100 |                 |                  | D DIN 5040                  | A61            |                 |                 |
| F UTE                                                                                                                                        | --                |                 |                  | B NBN                       | BZ 1           |                 |                 |

468mm x 156mm



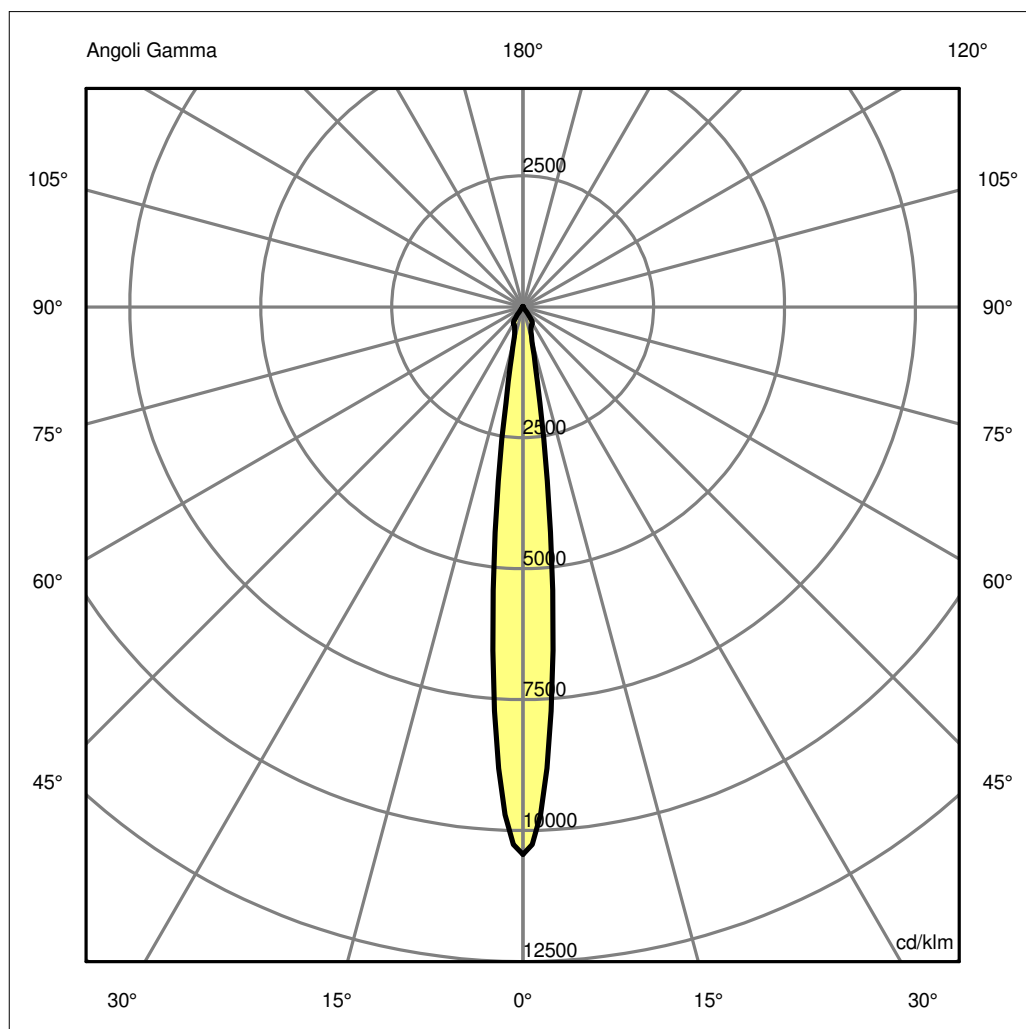
Semipiani C

180.0 — 0.0

ULOR 0.74 %

DLOR 99.26 %

RN 0.74 %



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## Measurem.

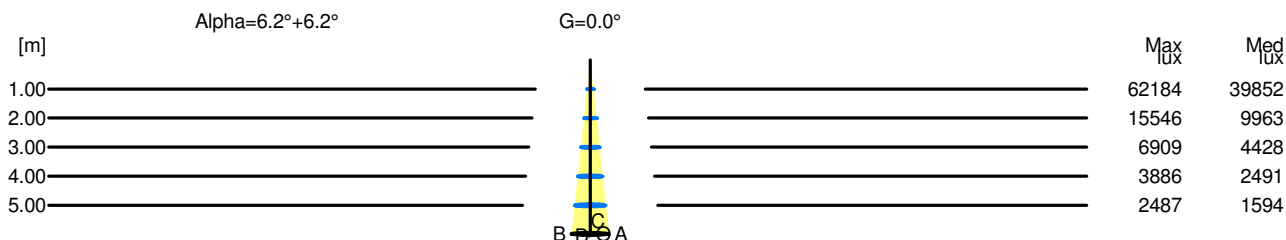
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|                                                                                                                                              |                         |                                           |                  |                                                                                 |                |                                           |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------------|------------------|---------------------------------------------------------------------------------|----------------|-------------------------------------------|-----------------|
| Luminaire Flux                                                                                                                               | 5948.40 lm              | Luminaire Power                           | 78.00 W          | Efficacy                                                                        | 76.26 lm/W     | Efficiency                                | 100.00%         |
| Lamps Flux                                                                                                                                   | 5948.40 lm              | Maximum value                             | 10453.82 cd/klm  | Position                                                                        | C=0.00 G=0.00  | CG                                        | Rotosymmetrical |
| Rectangular Luminaire<br>Round Luminous Area                                                                                                 |                         | Length<br>Diam.                           | 468 mm<br>111 mm | Width<br>Height                                                                 | 156 mm<br>0 mm | Height                                    | 156 mm          |
| Horizontal Luminous Area<br>Emitting area on Plane 0°<br>Emitting area on Plane 90°                                                          |                         | 0.009677 m2<br>0.000000 m2<br>0.000000 m2 |                  | Emitting area on Plane 180°<br>Emitting area on Plane 270°<br>Glare area at 76° |                | 0.000000 m2<br>0.000000 m2<br>0.002341 m2 |                 |
| Coordinate system<br>Date<br>Measurement Distance                                                                                            |                         | CG<br>10-09-2013<br>0.00                  |                  | Symmetry Type<br>Maximum Gamma Angle<br>Measurement Flux                        |                | Rotosymmetrical<br>180<br>5948.40 lm      |                 |
| 3000K - 3 x LED Flux=2303 lm - LED Power=25.5 W - Eff=88 % - EfcLED=90 lm/W - EfcLum=66 lm/W<br>Ra=80 min - SDCM=3 - Life=L70(6K)>50,000 ore |                         |                                           |                  |                                                                                 |                |                                           |                 |
| C.I.E.<br>F UTE                                                                                                                              | 99 100 100 99 100<br>-- |                                           |                  | D DIN 5040<br>B NBN                                                             | A61<br>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   | 0.11 | 0.22 | 0.33 | 0.43 | 0.54 | OC   | 0.11 | 0.22 | 0.33 | 0.43 | 0.54 |
| OB   | 0.11 | 0.22 | 0.33 | 0.43 | 0.54 | OD   | 0.11 | 0.22 | 0.33 | 0.43 | 0.54 |

|    |                                |          |         |         |         |       |       |      |      |      |
|----|--------------------------------|----------|---------|---------|---------|-------|-------|------|------|------|
|    | Luminous Intensities [ cd/klm] |          |         |         |         |       |       |      |      |      |
|    | 0                              | 5        | 15      | 25      | 35      | 45    | 55    | 65   | 75   | 85   |
| OA | 62183.52                       | 39169.42 | 4040.99 | 2310.03 | 1096.41 | 51.56 | 58.16 | 5.80 | 2.19 | 0.01 |
| OB | 62183.52                       | 39169.42 | 4040.99 | 2310.03 | 1096.41 | 51.56 | 58.16 | 5.80 | 2.19 | 0.01 |
| OC | 62183.52                       | 39169.42 | 4040.99 | 2310.03 | 1096.41 | 51.56 | 58.16 | 5.80 | 2.19 | 0.01 |
| OD | 62183.52                       | 39169.42 | 4040.99 | 2310.03 | 1096.41 | 51.56 | 58.16 | 5.80 | 2.19 | 0.01 |



| H[m] | D[m] | Max lux | Med lux | Alpha=6.2°+6.2° | G=0.0 |
|------|------|---------|---------|-----------------|-------|
| 1.00 | 0.22 | 62184   | 39852   |                 |       |
| 2.00 | 0.43 | 15546   | 9963    |                 |       |
| 3.00 | 0.65 | 6909    | 4428    |                 |       |
| 4.00 | 0.87 | 3886    | 2491    |                 |       |
| 5.00 | 1.09 | 2487    | 1594    |                 |       |

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|                |            |                 |                 |          |               |            |                 |
|----------------|------------|-----------------|-----------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 5948.40 lm | Luminaire Power | 78.00 W         | Efficacy | 76.26 lm/W    | Efficiency | 100.00%         |
| Lamps Flux     | 5948.40 lm | Maximum value   | 10453.82 cd/klm | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |

UGR  
S = 0.250

| Reflectancies  |                 |      |      |      |      |               |      |      |      |      |
|----------------|-----------------|------|------|------|------|---------------|------|------|------|------|
| Ceiling/Cavity | 0.7             | 0.7  | 0.5  | 0.5  | 0.3  | 0.7           | 0.7  | 0.5  | 0.5  | 0.3  |
| Walls          | 0.5             | 0.3  | 0.5  | 0.3  | 0.3  | 0.5           | 0.3  | 0.5  | 0.3  | 0.3  |
| WorkingPlane   | 0.2             | 0.2  | 0.2  | 0.2  | 0.2  | 0.2           | 0.2  | 0.2  | 0.2  | 0.2  |
| RoomDimensions | ViewedCrosswise |      |      |      |      | ViewedEndwise |      |      |      |      |
| x=2H y=2H      | 18.7            | 19.3 | 18.9 | 19.5 | 19.7 | 18.7          | 19.3 | 18.9 | 19.5 | 19.7 |
| x=2H y=3H      | 18.5            | 19.1 | 18.8 | 19.3 | 19.6 | 18.5          | 19.1 | 18.8 | 19.3 | 19.6 |
| x=2H y=4H      | 18.4            | 19.0 | 18.8 | 19.3 | 19.5 | 18.4          | 19.0 | 18.8 | 19.3 | 19.5 |
| x=2H y=6H      | 18.4            | 18.9 | 18.7 | 19.2 | 19.5 | 18.4          | 18.9 | 18.7 | 19.2 | 19.5 |
| x=2H y=8H      | 18.3            | 18.8 | 18.7 | 19.1 | 19.4 | 18.3          | 18.8 | 18.7 | 19.1 | 19.4 |
| x=2H y=12H     | 18.3            | 18.7 | 18.6 | 19.1 | 19.4 | 18.3          | 18.7 | 18.6 | 19.1 | 19.4 |
| x=4H y=2H      | 18.5            | 19.0 | 18.8 | 19.3 | 19.6 | 18.5          | 19.0 | 18.8 | 19.3 | 19.6 |
| x=4H y=3H      | 18.3            | 18.8 | 18.7 | 19.1 | 19.4 | 18.3          | 18.8 | 18.7 | 19.1 | 19.4 |
| x=4H y=4H      | 18.3            | 18.7 | 18.6 | 19.0 | 19.3 | 18.3          | 18.7 | 18.6 | 19.0 | 19.3 |
| x=4H y=6H      | 18.2            | 18.5 | 18.6 | 18.9 | 19.3 | 18.2          | 18.5 | 18.6 | 18.9 | 19.3 |
| x=4H y=8H      | 18.1            | 18.4 | 18.6 | 18.8 | 19.2 | 18.1          | 18.4 | 18.6 | 18.8 | 19.2 |
| x=4H y=12H     | 18.1            | 18.4 | 18.5 | 18.8 | 19.2 | 18.1          | 18.4 | 18.5 | 18.8 | 19.2 |
| x=8H y=4H      | 18.1            | 18.4 | 18.6 | 18.8 | 19.2 | 18.1          | 18.4 | 18.6 | 18.8 | 19.2 |
| x=8H y=6H      | 18.1            | 18.3 | 18.5 | 18.7 | 19.2 | 18.1          | 18.3 | 18.5 | 18.7 | 19.2 |
| x=8H y=8H      | 18.0            | 18.2 | 18.5 | 18.6 | 19.1 | 18.0          | 18.2 | 18.5 | 18.6 | 19.1 |
| x=8H y=12H     | 18.0            | 18.1 | 18.4 | 18.6 | 19.1 | 18.0          | 18.1 | 18.4 | 18.6 | 19.1 |
| x=12H y=4H     | 18.1            | 18.4 | 18.5 | 18.8 | 19.2 | 18.1          | 18.4 | 18.5 | 18.8 | 19.2 |
| x=12H y=6H     | 18.0            | 18.2 | 18.5 | 18.6 | 19.1 | 18.0          | 18.2 | 18.5 | 18.6 | 19.1 |
| x=12H y=8H     | 18.0            | 18.1 | 18.4 | 18.6 | 19.1 | 18.0          | 18.1 | 18.4 | 18.6 | 19.1 |