

## Luminaire

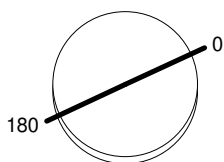
Code BW42204  
Name VECTOR SPOT 55 CHANNEL 14W 4000K WF BLK

## Measurement

Code FTS2300087-A  
Name VECTOR SPOT 55 CHANNEL 14W 4000K WF BLK

|                                                                                                                  |         |                 |                |                             |               |                 |                 |
|------------------------------------------------------------------------------------------------------------------|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                   | 1658 lm | Luminaire Power | 14.0 W         | Efficacy                    | 118.429 lm/W  | Efficiency      | 100.00%         |
| Source Flux                                                                                                      | 1658 lm | Maximum value   | 3385.66 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Round Luminaire                                                                                                  |         | Diam.           | 55 mm          | Height                      | 110 mm        |                 |                 |
| Round Luminous Area                                                                                              |         | Diam.           | 48 mm          | Height                      | 0 mm          |                 |                 |
| Horizontal Luminous Area                                                                                         |         | 0.001810 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°           |               | 0.000438 m2     |                 |
| Coordinate system                                                                                                |         | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                                                                                                             |         | 05-02-2024      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance                                                                                             |         | 0.00            |                | Measurement Flux            |               | 1658 lm         |                 |
| LED Flux=2198lm LED Power=14W Eff=75% EfcLed=157lm/W EfcLum=118lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)>=50000h |         |                 |                |                             |               |                 |                 |
| C.I.E.                                                                                                           | 100     | 100             | 100            | 100                         | 100           | D DIN 5040      | A60             |
| F UTE                                                                                                            | --      |                 |                |                             |               | B NBN           | BZ 1            |

Diam=55mm



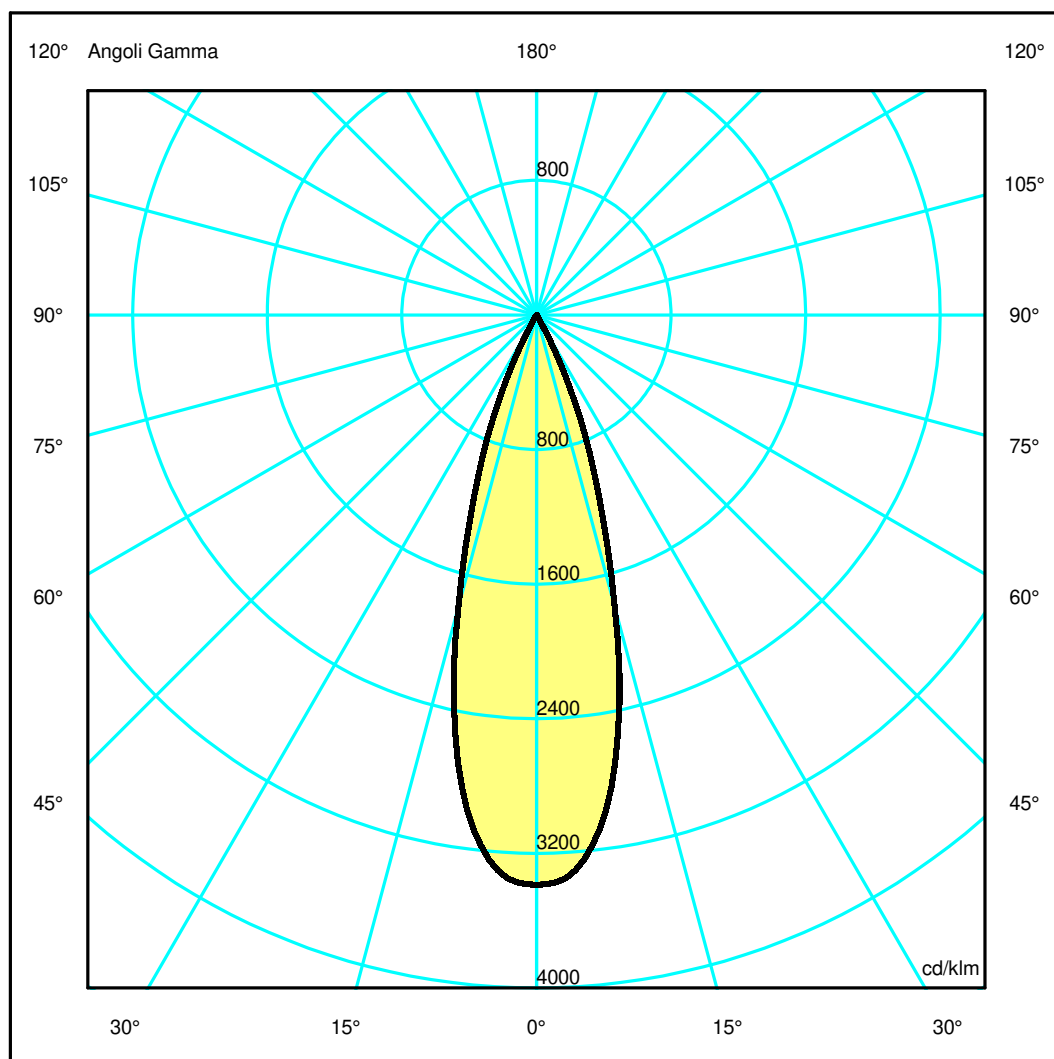
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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## Measurem.

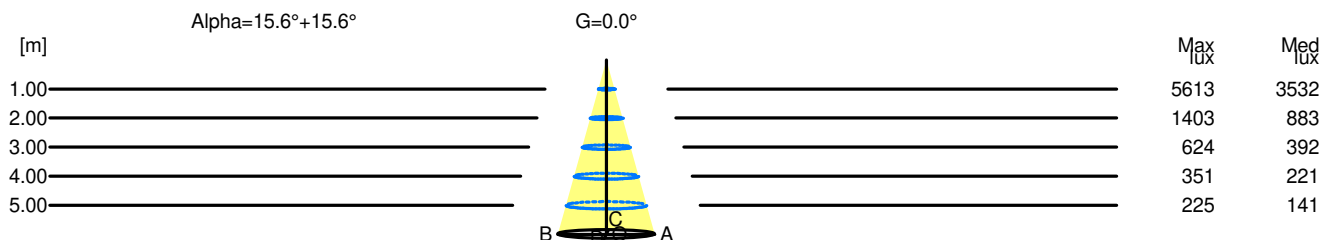
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Name VECTOR SPOT 55 CHANNEL 14W 4000K WF BLK

|                                                                                                                  |         |                 |                |                             |               |                 |                 |
|------------------------------------------------------------------------------------------------------------------|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                   | 1658 lm | Luminaire Power | 14.0 W         | Efficacy                    | 118.429 lm/W  | Efficiency      | 100.00%         |
| Source Flux                                                                                                      | 1658 lm | Maximum value   | 3385.66 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Round Luminaire                                                                                                  |         | Diam.           | 55 mm          | Height                      | 110 mm        |                 |                 |
| Round Luminous Area                                                                                              |         | Diam.           | 48 mm          | Height                      | 0 mm          |                 |                 |
| Horizontal Luminous Area                                                                                         |         | 0.001810 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°           |               | 0.000438 m2     |                 |
| Coordinate system                                                                                                |         | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                                                                                                             |         | 05-02-2024      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance                                                                                             |         | 0.00            |                | Measurement Flux            |               | 1658 lm         |                 |
| LED Flux=2198lm LED Power=14W Eff=75% EfcLed=157lm/W EfcLum=118lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)>=50000h |         |                 |                |                             |               |                 |                 |
| C.I.E.                                                                                                           | 100     | 100             | 100            | 100                         | 100           | D DIN 5040      | A60             |
| F UTE                                                                                                            | --      |                 |                |                             |               | 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   | 0.28 | 0.56 | 0.84 | 1.11 | 1.39 | OC   | 0.28 | 0.56 | 0.84 | 1.11 | 1.39 |
| OB   | 0.28 | 0.56 | 0.84 | 1.11 | 1.39 | OD   | 0.28 | 0.56 | 0.84 | 1.11 | 1.39 |

|    |                                |         |         |        |       |      |      |      |      |      |
|----|--------------------------------|---------|---------|--------|-------|------|------|------|------|------|
|    | Luminous Intensities [ cd/klm] |         |         |        |       |      |      |      |      |      |
|    | 0                              | 5       | 15      | 25     | 35    | 45   | 55   | 65   | 75   | 85   |
| OA | 5613.43                        | 5384.46 | 2974.97 | 714.83 | 18.45 | 5.51 | 2.44 | 1.49 | 0.90 | 0.37 |
| OB | 5613.43                        | 5384.46 | 2974.97 | 714.83 | 18.45 | 5.51 | 2.44 | 1.49 | 0.90 | 0.37 |
| OC | 5613.43                        | 5384.46 | 2974.97 | 714.83 | 18.45 | 5.51 | 2.44 | 1.49 | 0.90 | 0.37 |
| OD | 5613.43                        | 5384.46 | 2974.97 | 714.83 | 18.45 | 5.51 | 2.44 | 1.49 | 0.90 | 0.37 |



| H[m] | D[m] | Max lux | Med lux | Alpha=15.6°+15.6° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.56 | 5613    | 3532    |                   |       |
| 2.00 | 1.11 | 1403    | 883     |                   |       |
| 3.00 | 1.67 | 624     | 392     |                   |       |
| 4.00 | 2.23 | 351     | 221     |                   |       |
| 5.00 | 2.78 | 225     | 141     |                   |       |