

## Luminaire

Code FU22201+AP91400  
Name VECTOR 55 FUNIVIA 940 WF BCO

## Measurement

Code FTS1800392-B  
Name VECTOR 55 FUNIVIA 940 WF BCO

|                                                                                                                 |         |                 |                |                             |               |                 |                 |
|-----------------------------------------------------------------------------------------------------------------|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                  | 1471 lm | Luminaire Power | 19.0 W         | Efficacy                    | 77.421 lm/W   | Efficiency      | 100.00%         |
| Source Flux                                                                                                     | 1471 lm | Maximum value   | 4326.59 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Round Luminaire                                                                                                 |         | Diam.           | 55 mm          | Height                      | 130 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                                                                                                            |         | 26-01-2024      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance                                                                                            |         | 0.00            |                | Measurement Flux            |               | 1471 lm         |                 |
| LED Flux=2694lm LED Power=17W Eff=55% EfcLed=155lm/W EfcLum=77lm/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



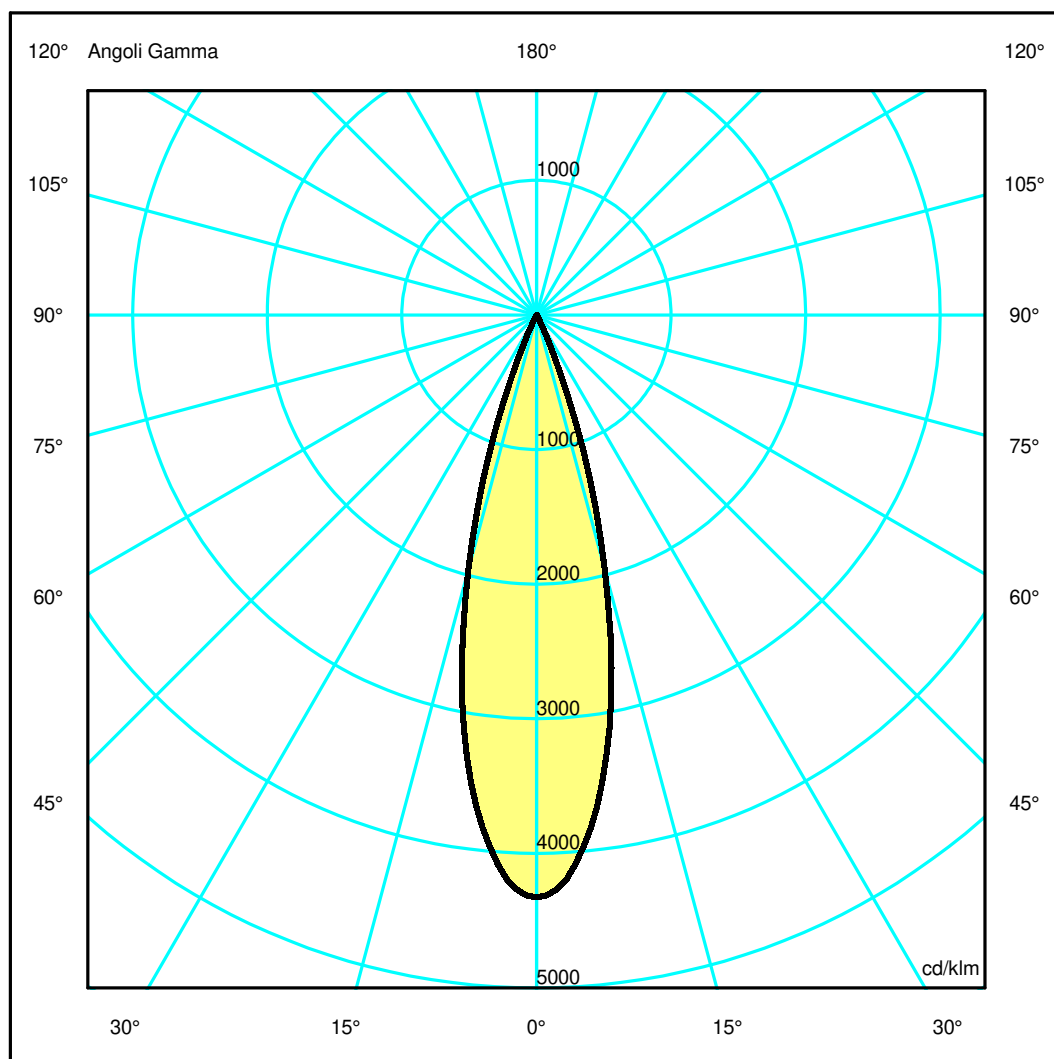
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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## Measurem.

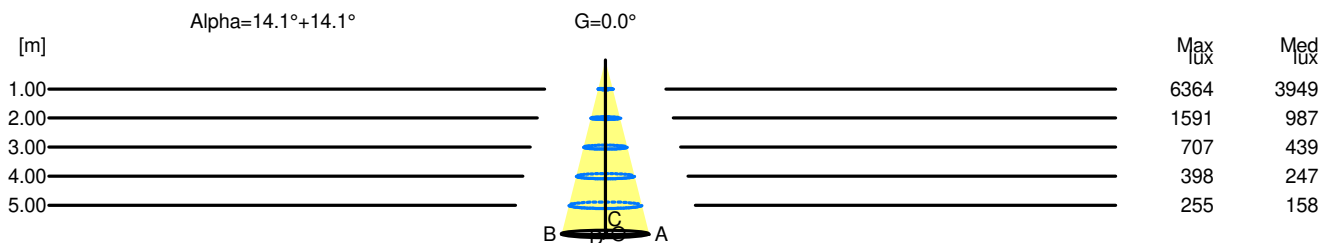
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|                                                                                                                 |         |                 |                |                             |               |                 |                 |
|-----------------------------------------------------------------------------------------------------------------|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                  | 1471 lm | Luminaire Power | 19.0 W         | Efficacy                    | 77.421 lm/W   | Efficiency      | 100.00%         |
| Source Flux                                                                                                     | 1471 lm | Maximum value   | 4326.59 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Round Luminaire                                                                                                 |         | Diam.           | 55 mm          | Height                      | 130 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                                                                                                            |         | 26-01-2024      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance                                                                                            |         | 0.00            |                | Measurement Flux            |               | 1471 lm         |                 |
| LED Flux=2694lm LED Power=17W Eff=55% EfcLed=155lm/W EfcLum=77lm/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   | 0.25 | 0.50 | 0.76 | 1.01 | 1.26 | OC   | 0.25 | 0.50 | 0.76 | 1.01 | 1.26 |
| OB   | 0.25 | 0.50 | 0.76 | 1.01 | 1.26 | OD   | 0.25 | 0.50 | 0.76 | 1.01 | 1.26 |

|    |                                |         |         |        |       |      |      |      |      |      |
|----|--------------------------------|---------|---------|--------|-------|------|------|------|------|------|
|    | Luminous Intensities [ cd/klm] |         |         |        |       |      |      |      |      |      |
|    | 0                              | 5       | 15      | 25     | 35    | 45   | 55   | 65   | 75   | 85   |
| OA | 6364.41                        | 5839.59 | 2876.68 | 228.80 | 20.90 | 5.17 | 1.76 | 0.57 | 0.39 | 0.33 |
| OB | 6364.41                        | 5839.59 | 2876.68 | 228.80 | 20.90 | 5.17 | 1.76 | 0.57 | 0.39 | 0.33 |
| OC | 6364.41                        | 5839.59 | 2876.68 | 228.80 | 20.90 | 5.17 | 1.76 | 0.57 | 0.39 | 0.33 |
| OD | 6364.41                        | 5839.59 | 2876.68 | 228.80 | 20.90 | 5.17 | 1.76 | 0.57 | 0.39 | 0.33 |



| H[m] | D[m] | Max lux | Med lux | Alpha=14.1°+14.1° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.50 | 6364    | 3949    |                   |       |
| 2.00 | 1.01 | 1591    | 987     |                   |       |
| 3.00 | 1.51 | 707     | 439     |                   |       |
| 4.00 | 2.01 | 398     | 247     |                   |       |
| 5.00 | 2.52 | 255     | 158     |                   |       |