

## Luminaire

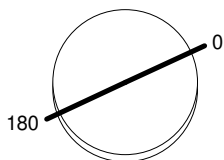
Code AP35218  
Name VECTOR 55 MAGNET SUSP 940 FL BCP

## Measurement

Code FTS1800194-B  
Name VECTOR 55 MAGNET SUSP 940 FL BCP

|                                                                                                                  |         |                 |                |                             |               |                 |                 |
|------------------------------------------------------------------------------------------------------------------|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                   | 1959 lm | Luminaire Power | 19.0 W         | Efficacy                    | 103.105 lm/W  | Efficiency      | 100.00%         |
| Source Flux                                                                                                      | 1959 lm | Maximum value   | 5145.51 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            |               | 1959 lm         |                 |
| LED Flux=2694lm LED Power=17W Eff=73% EfcLed=155lm/W EfcLum=103lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)>=50000h |         |                 |                |                             |               |                 |                 |
| C.I.E.                                                                                                           | 99      | 100             | 100            | 100                         | 100           | D DIN 5040      | A60             |
| F UTE                                                                                                            | --      |                 |                |                             |               | B NBN           | BZ 1            |

Diam=55mm



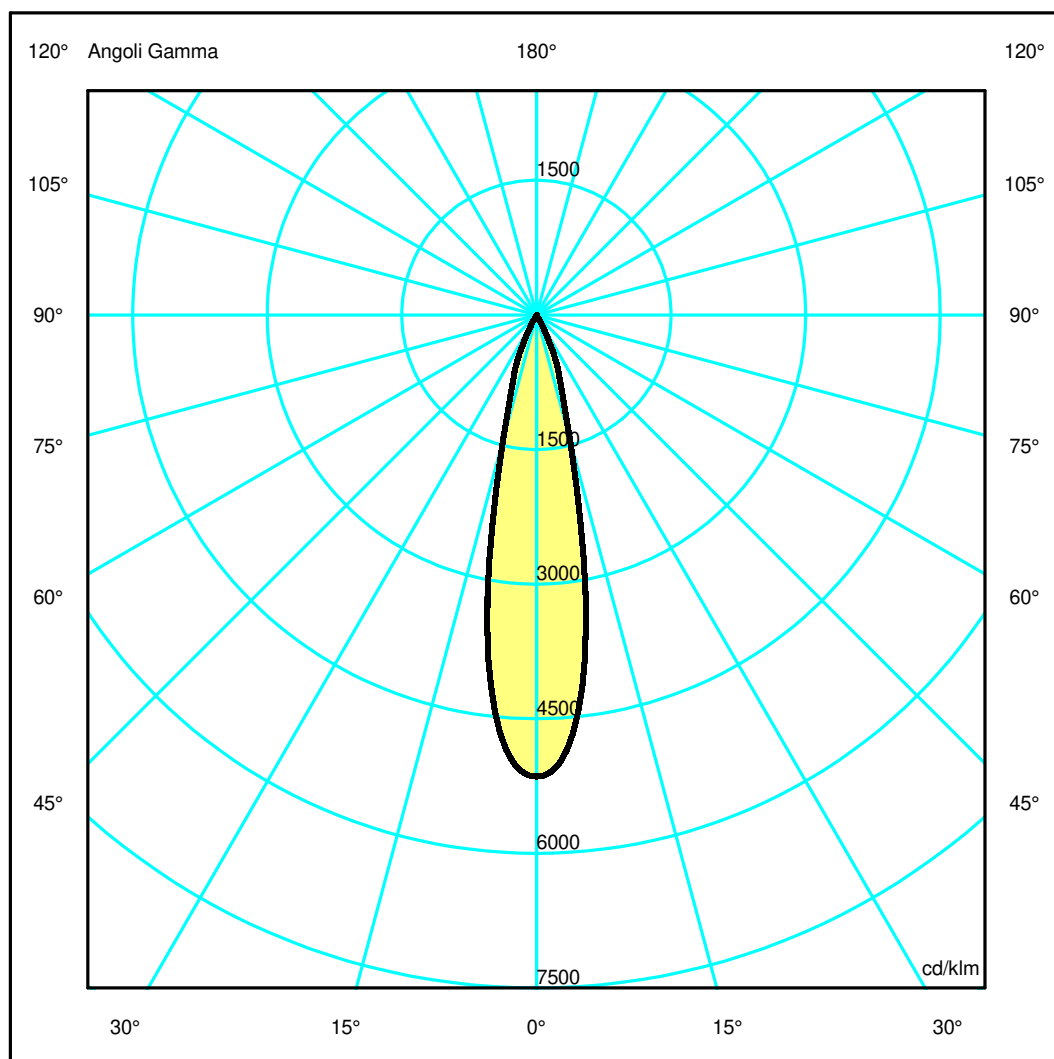
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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## Measurem.

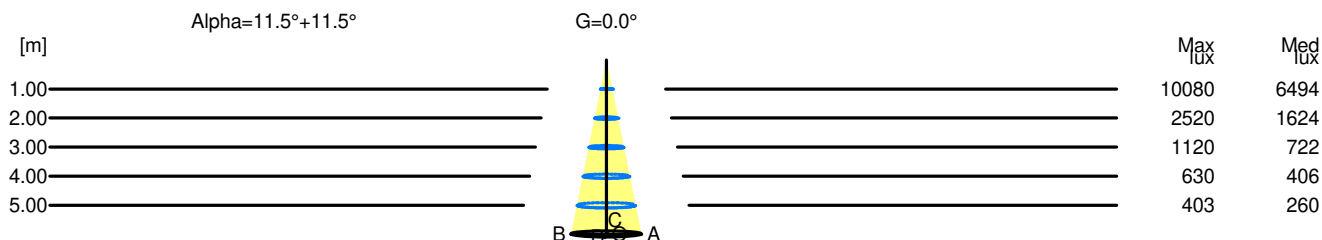
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|                                                                                                                  |         |                 |                |                             |               |                 |                 |
|------------------------------------------------------------------------------------------------------------------|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
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| Source Flux                                                                                                      | 1959 lm | Maximum value   | 5145.51 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            |               | 1959 lm         |                 |
| LED Flux=2694lm LED Power=17W Eff=73% EfcLed=155lm/W EfcLum=103lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)>=50000h |         |                 |                |                             |               |                 |                 |
| C.I.E.                                                                                                           | 99      | 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   | 0.20 | 0.41 | 0.61 | 0.81 | 1.01 | OC   | 0.20 | 0.41 | 0.61 | 0.81 | 1.01 |
| OB   | 0.20 | 0.41 | 0.61 | 0.81 | 1.01 | OD   | 0.20 | 0.41 | 0.61 | 0.81 | 1.01 |

|    |                                |         |         |        |       |      |      |      |      |      |  |
|----|--------------------------------|---------|---------|--------|-------|------|------|------|------|------|--|
|    | Luminous Intensities [ cd/klm] |         |         |        |       |      |      |      |      |      |  |
|    | 0                              | 5       | 15      | 25     | 35    | 45   | 55   | 65   | 75   | 85   |  |
| OA | 10080.05                       | 9162.02 | 2833.60 | 716.03 | 19.79 | 7.19 | 3.51 | 2.11 | 1.18 | 0.45 |  |
| OB | 10080.05                       | 9162.02 | 2833.60 | 716.03 | 19.79 | 7.19 | 3.51 | 2.11 | 1.18 | 0.45 |  |
| OC | 10080.05                       | 9162.02 | 2833.60 | 716.03 | 19.79 | 7.19 | 3.51 | 2.11 | 1.18 | 0.45 |  |
| OD | 10080.05                       | 9162.02 | 2833.60 | 716.03 | 19.79 | 7.19 | 3.51 | 2.11 | 1.18 | 0.45 |  |



| H[m] | D[m] | Max lux | Med lux | Alpha=11.5°+11.5° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.41 | 10080   | 6494    |                   |       |
| 2.00 | 0.81 | 2520    | 1624    |                   |       |
| 3.00 | 1.22 | 1120    | 722     |                   |       |
| 4.00 | 1.62 | 630     | 406     |                   |       |
| 5.00 | 2.03 | 403     | 260     |                   |       |