

## Luminaire

Code AP10201  
Name VECTOR 55 MAGNET 930 FL DALI BCO

## Measurement

Code FTS1800185-B  
Name VECTOR 55 MAGNET 930 FL DALI BCO

|                                                                                                                |         |                         |                |                             |               |                         |                 |
|----------------------------------------------------------------------------------------------------------------|---------|-------------------------|----------------|-----------------------------|---------------|-------------------------|-----------------|
| Luminaire Flux                                                                                                 | 1811 lm | Luminaire Power         | 19.0 W         | Efficacy                    | 95.316 lm/W   | Efficiency              | 100.00%         |
| Source Flux                                                                                                    | 1811 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 m <sup>2</sup> |                | Emitting area on Plane 180° |               | 0.000000 m <sup>2</sup> |                 |
| Emitting area on Plane 0°                                                                                      |         | 0.000000 m <sup>2</sup> |                | Emitting area on Plane 270° |               | 0.000000 m <sup>2</sup> |                 |
| Emitting area on Plane 90°                                                                                     |         | 0.000000 m <sup>2</sup> |                | Glare area at 76°           |               | 0.000438 m <sup>2</sup> |                 |
| Coordinate system                                                                                              |         | CG                      |                | Symmetry Type               |               | Rotosymmetrical         |                 |
| Date                                                                                                           |         | 29-02-2024              |                | Maximum Gamma Angle         |               | 180                     |                 |
| Measurement Distance                                                                                           |         | 0.00                    |                | Measurement Flux            |               | 1811 lm                 |                 |
| LED Flux=2491lm LED Power=17W Eff=73% EfcLed=143lm/W EfcLum=95lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h |         |                         |                |                             |               |                         |                 |
| C.I.E.                                                                                                         | 99      | 100                     | 100            | 100                         | D DIN 5040    | A60                     |                 |
| F UTE                                                                                                          | --      |                         |                |                             | B NBN         | BZ 1                    |                 |

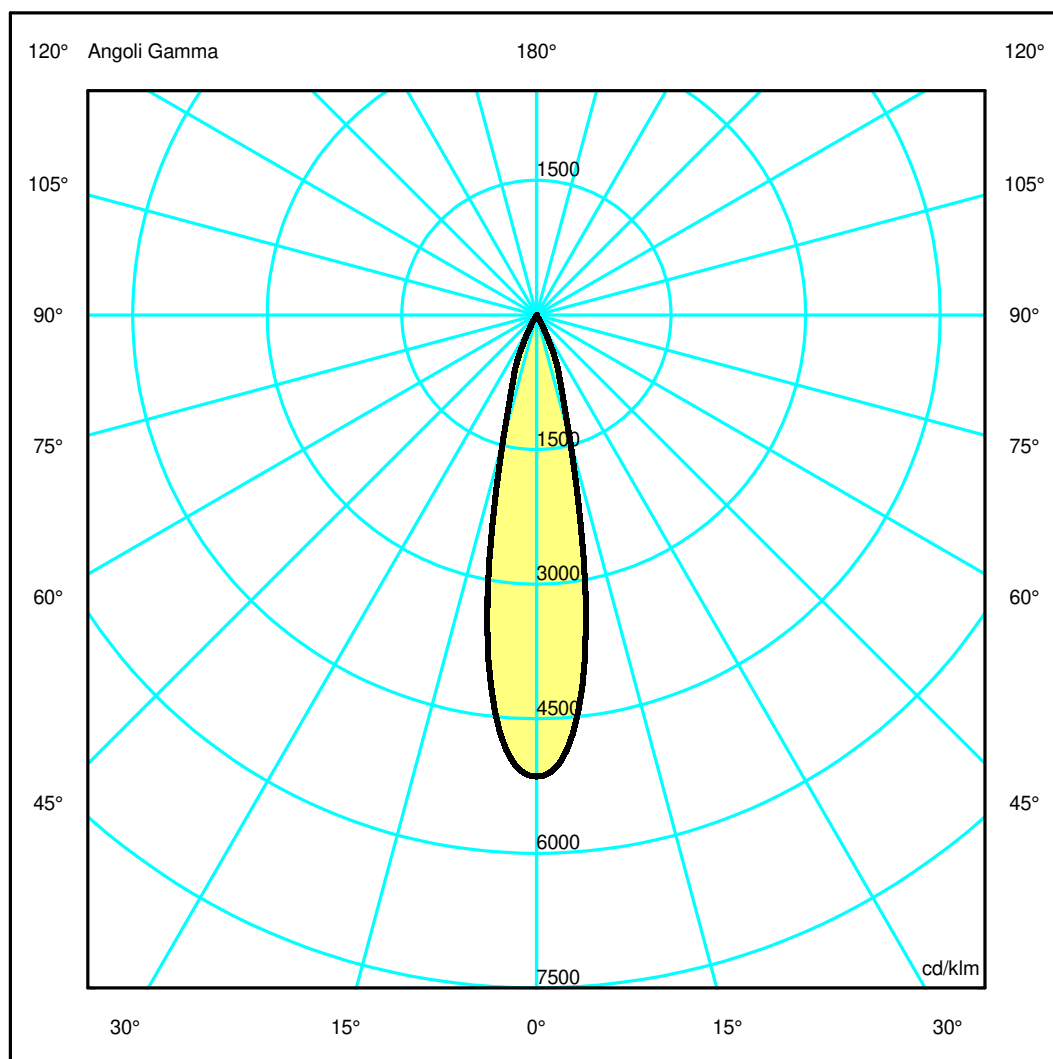
Diam=55mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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## Measurerm.

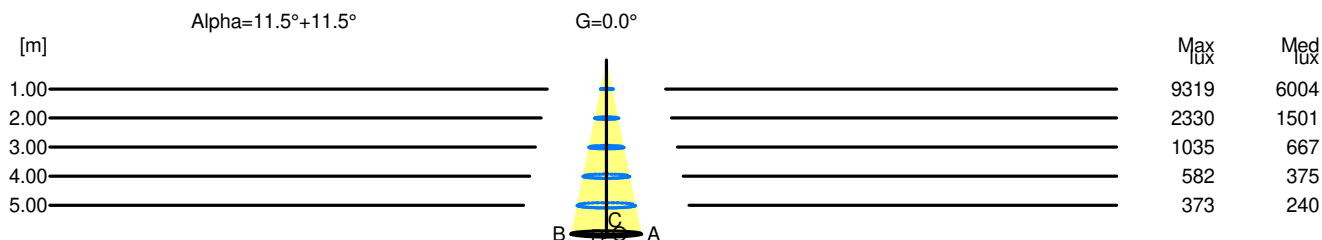
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|                                                                                                                |         |                 |                |                             |               |                 |                 |
|----------------------------------------------------------------------------------------------------------------|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                 | 1811 lm | Luminaire Power | 19.0 W         | Efficacy                    | 95.316 lm/W   | Efficiency      | 100.00%         |
| Source Flux                                                                                                    | 1811 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                                                                                                           |         | 29-02-2024      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance                                                                                           |         | 0.00            |                | Measurement Flux            |               | 1811 lm         |                 |
| LED Flux=2491lm LED Power=17W Eff=73% EfcLed=143lm/W EfcLum=95lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(9k)=50000h |         |                 |                |                             |               |                 |                 |
| C.I.E.                                                                                                         | 99      | 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 | 9318.51                         | 8469.84 | 2619.52 | 661.94 | 18.29 | 6.65 | 3.25 | 1.95 | 1.09 | 0.42 |
| OB | 9318.51                         | 8469.84 | 2619.52 | 661.94 | 18.29 | 6.65 | 3.25 | 1.95 | 1.09 | 0.42 |
| OC | 9318.51                         | 8469.84 | 2619.52 | 661.94 | 18.29 | 6.65 | 3.25 | 1.95 | 1.09 | 0.42 |
| OD | 9318.51                         | 8469.84 | 2619.52 | 661.94 | 18.29 | 6.65 | 3.25 | 1.95 | 1.09 | 0.42 |



| H[m] | D[m] | Max lux | Med lux | Alpha=11.5°+11.5° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.41 | 9319    | 6004    |                   |       |
| 2.00 | 0.81 | 2330    | 1501    |                   |       |
| 3.00 | 1.22 | 1035    | 667     |                   |       |
| 4.00 | 1.62 | 582     | 375     |                   |       |
| 5.00 | 2.03 | 373     | 240     |                   |       |