

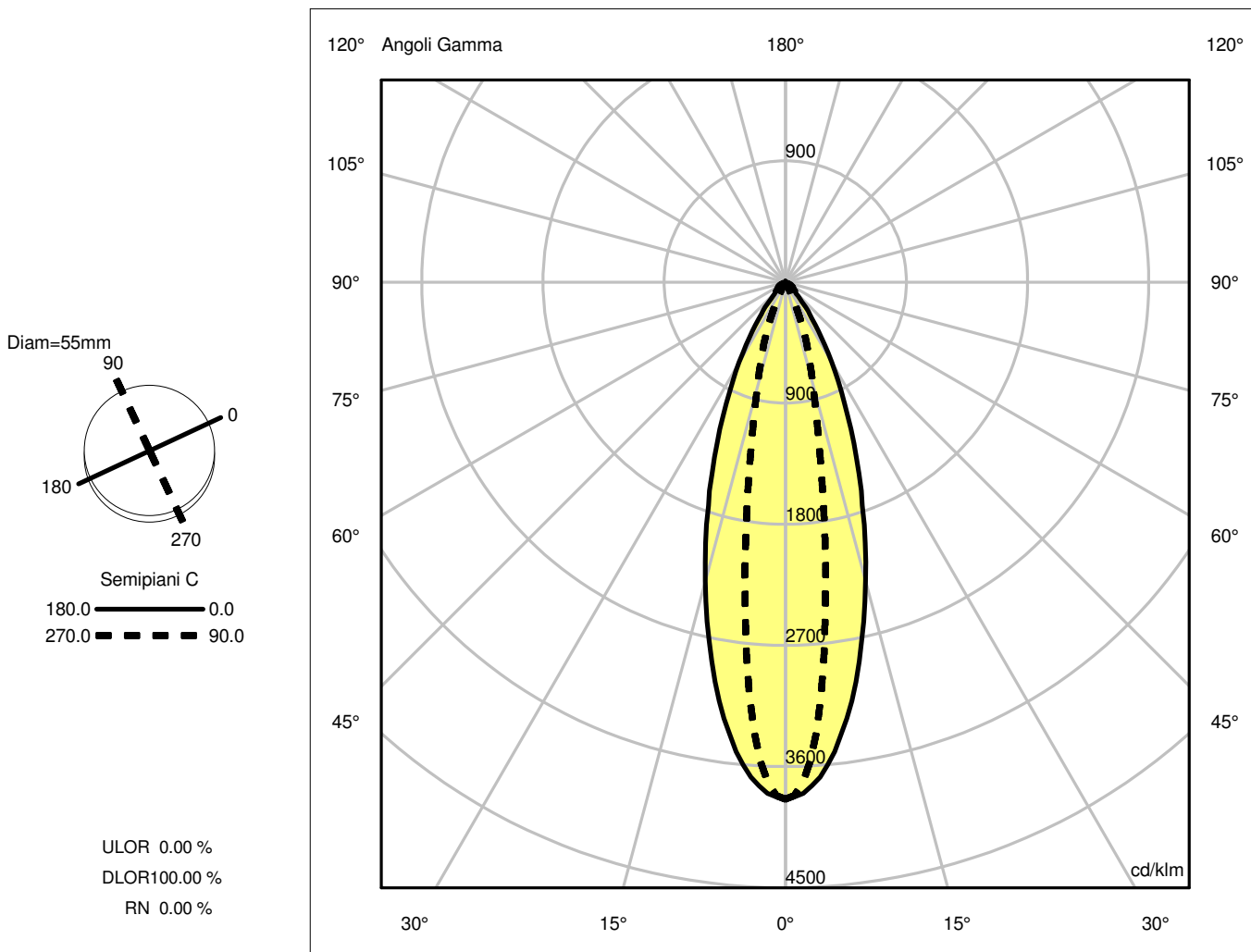
## Luminaire

Code AP10101+AP91200  
 Name VECTOR 55 MAGNET 930 SP ND BCO + LENS FOR ELLIPTICAL EMISSION

## Measurem.

Code FTS1800323  
 Name VECTOR 55 MAGNET 930 SP ND BCO + LENS FOR ELLIPTICAL EMISSION

|  |                   |                 |                |                             |               |                    |                    |
|--|-------------------|-----------------|----------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux   | 983.91 lm         | Luminaire Power | 26.00 W        | Efficacy                    | 37.84 lm/W    | Efficiency         | 100.00%            |
| Lamps Flux   | 983.91 lm         | Maximum value   | 3842.70 cd/klm | Position                    | C=0.00 G=0.00 | CG                 | Double Symmetrical |
| Round Luminaire  |                   | Diam.           | 55 mm          | Height                      | 130 mm        |                    |                    |
| Round Luminous Area  |                   | Diam.           | 47 mm          | Height                      | 0 mm          |                    |                    |
| Horizontal Luminous Area   |                   | 0.001735 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°           |               | 0.000420 m2        |                    |
| Coordinate system  |                   | CG              |                | Symmetry Type               |               | Double Symmetrical |                    |
| Date   |                   | 03-05-2018      |                | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance   |                   | 0.00            |                | Measurement Flux            |               | 983.91 lm          |                    |
| LED Flux=2346lm LED Power=21W Eff=42% EfcLed=112lm/W EfcLum=38lm/W CCT=3000K Ra=90 SDCM=3 L70(6K)=50000h |                   |                 |                |                             |               |                    |                    |
| C.I.E.   | 95 98 100 100 100 |                 |                | D DIN 5040                  |               | A60                |                    |
| F UTE  | 1.00 A            |                 |                | B NBN                       |               | BZ 1               |                    |



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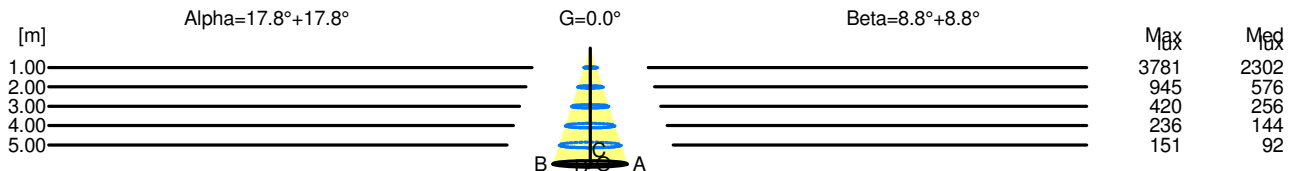
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Name VECTOR 55 MAGNET 930 SP ND BCO + LENS FOR ELLIPTICAL EMISSION

|  |                   |                         |                |                             |               |                         |                    |
|--|-------------------|-------------------------|----------------|-----------------------------|---------------|-------------------------|--------------------|
| Luminaire Flux   | 983.91 lm         | Luminaire Power         | 26.00 W        | Efficacy                    | 37.84 lm/W    | Efficiency              | 100.00%            |
| Lamps Flux   | 983.91 lm         | Maximum value           | 3842.70 cd/klm | Position                    | C=0.00 G=0.00 | CG                      | Double Symmetrical |
| Round Luminaire  |                   | Diam.                   | 55 mm          | Height                      | 130 mm        |                         |                    |
| Round Luminous Area  |                   | Diam.                   | 47 mm          | Height                      | 0 mm          |                         |                    |
| Horizontal Luminous Area   |                   | 0.001735 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°           |               | 0.000420 m <sup>2</sup> |                    |
| Coordinate system  |                   | CG                      |                | Symmetry Type               |               | Double Symmetrical      |                    |
| Date   |                   | 03-05-2018              |                | Maximum Gamma Angle         |               | 180                     |                    |
| Measurement Distance   |                   | 0.00                    |                | Measurement Flux            |               | 983.91 lm               |                    |
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| C.I.E.   | 95 98 100 100 100 |                         |                | D DIN 5040                  | A60           |                         |                    |
| F UTE  | 1.00 A            |                         |                | 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   | 0.32 | 0.64 | 0.96 | 1.28 | 1.61 | OC   | 0.16 | 0.31 | 0.47 | 0.62 | 0.78 |
| OB   | 0.32 | 0.64 | 0.96 | 1.28 | 1.61 | OD   | 0.16 | 0.31 | 0.47 | 0.62 | 0.78 |

|    | Luminous Intensities [ cd/klm] |         |         |         |        |        |       |       |       |      |
|----|--------------------------------|---------|---------|---------|--------|--------|-------|-------|-------|------|
|    | 0                              | 5       | 15      | 25      | 35     | 45     | 55    | 65    | 75    | 85   |
| OA | 3780.88                        | 3542.89 | 2263.24 | 1079.76 | 383.65 | 102.91 | 61.04 | 51.66 | 28.96 | 6.32 |
| OB | 3780.88                        | 3542.89 | 2263.24 | 1079.76 | 383.65 | 102.91 | 61.04 | 51.66 | 28.96 | 6.32 |
| OC | 3780.88                        | 3018.63 | 783.96  | 124.77  | 19.72  | 9.61   | 5.02  | 2.19  | 1.80  | 0.80 |
| OD | 3780.88                        | 3018.63 | 783.96  | 124.77  | 19.72  | 9.61   | 5.02  | 2.19  | 1.80  | 0.80 |



| H[m] | D[m] | Max lux | Med lux | Alpha=17.8°+17.8° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.64 | 3781    | 2302    |                   |       |
| 2.00 | 1.28 | 945     | 576     |                   |       |
| 3.00 | 1.93 | 420     | 256     |                   |       |
| 4.00 | 2.57 | 236     | 144     |                   |       |
| 5.00 | 3.21 | 151     | 92      |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=8.8°+8.8° | G=0.0 |
|------|------|---------|---------|----------------|-------|
| 1.00 | 0.31 | 3781    | 2302    |                |       |
| 2.00 | 0.62 | 945     | 576     |                |       |
| 3.00 | 0.93 | 420     | 256     |                |       |
| 4.00 | 1.24 | 236     | 144     |                |       |
| 5.00 | 1.55 | 151     | 92      |                |       |