

## Luminaire

Code AN25318+M282007  
Name VECTOR 95 TRACK 940 WL ND BR.COPPER + lens for elliptical emission

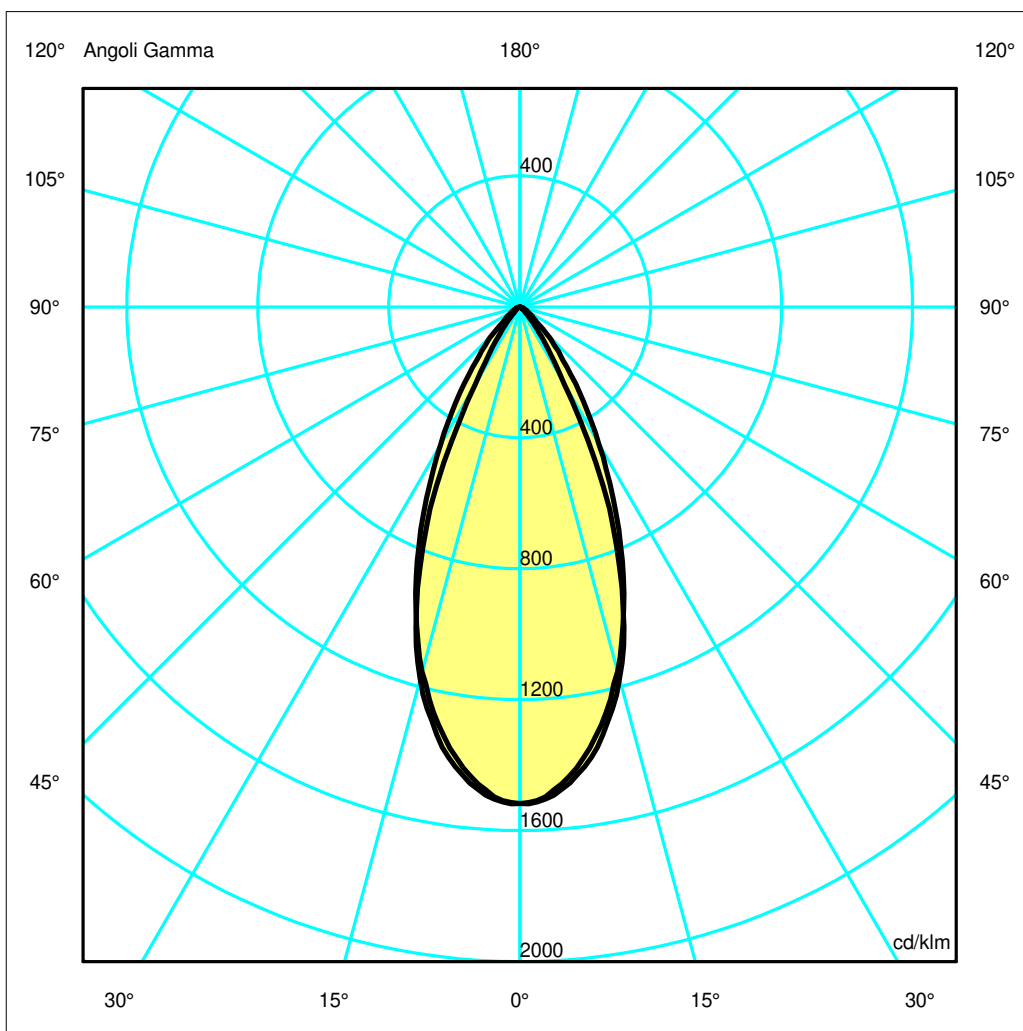
## Measurem.

Code FTS1901283  
Name VECTOR 95 TRACK 940 WL ND BR.COPPER + lens for elliptical emission

|                                                                                                            |                   |                 |                |                             |                |                    |                    |
|------------------------------------------------------------------------------------------------------------|-------------------|-----------------|----------------|-----------------------------|----------------|--------------------|--------------------|
| Luminaire Flux                                                                                             | 1819.52 lm        | Luminaire Power | 30.00 W        | Efficacy                    | 60.65 lm/W     | Efficiency         | 100.00%            |
| Lamps Flux                                                                                                 | 1819.52 lm        | Maximum value   | 1519.43 cd/klm | Position                    | C=70.00 G=1.00 | CG                 | Double Symmetrical |
| Round Luminaire                                                                                            |                   | Diam.           | 95 mm          | Height                      | 210 mm         |                    |                    |
| Round Luminous Area                                                                                        |                   | Diam.           | 75 mm          | Height                      | 0 mm           |                    |                    |
| Horizontal Luminous Area                                                                                   |                   | 0.004418 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°           |                | 0.001069 m2        |                    |
| Coordinate system                                                                                          |                   | CG              |                | Symmetry Type               |                | Double Symmetrical |                    |
| Date                                                                                                       |                   | 29-03-2019      |                | Maximum Gamma Angle         |                | 180                |                    |
| Measurement Distance                                                                                       |                   | 0.00            |                | Measurement Flux            |                | 1819.52 lm         |                    |
| LED Flux=3485lm LED Power=27.5W Eff=52% EfcLed=127lm/W EfcLum=61lm/W CCT=4000K Ra=90 SDCM=3 L70(6K)=50000h |                   |                 |                |                             |                |                    |                    |
| C.I.E.                                                                                                     | 93 99 100 100 100 |                 |                | D DIN 5040                  | A60            |                    |                    |
| F UTE                                                                                                      | 1.00 A            |                 |                | B NBN                       | BZ 1           |                    |                    |



ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



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## Measur.

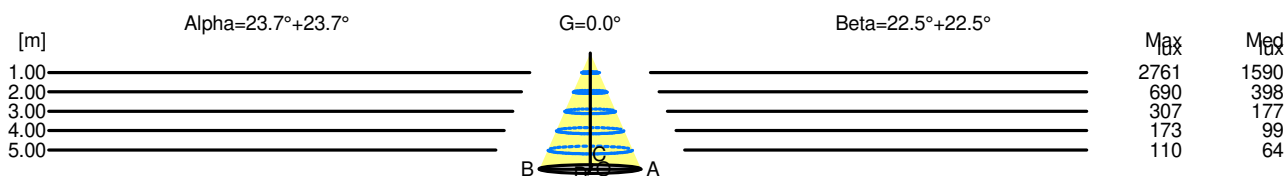
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|                                                                                                            |                   |                 |                |                             |                |                    |                    |
|------------------------------------------------------------------------------------------------------------|-------------------|-----------------|----------------|-----------------------------|----------------|--------------------|--------------------|
| Luminaire Flux                                                                                             | 1819.52 lm        | Luminaire Power | 30.00 W        | Efficacy                    | 60.65 lm/W     | Efficiency         | 100.00%            |
| Lamps Flux                                                                                                 | 1819.52 lm        | Maximum value   | 1519.43 cd/klm | Position                    | C=70.00 G=1.00 | CG                 | Double Symmetrical |
| Round Luminaire                                                                                            |                   | Diam.           | 95 mm          | Height                      | 210 mm         |                    |                    |
| Round Luminous Area                                                                                        |                   | Diam.           | 75 mm          | Height                      | 0 mm           |                    |                    |
| Horizontal Luminous Area                                                                                   |                   | 0.004418 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°           |                | 0.001069 m2        |                    |
| Coordinate system                                                                                          |                   | CG              |                | Symmetry Type               |                | Double Symmetrical |                    |
| Date                                                                                                       |                   | 29-03-2019      |                | Maximum Gamma Angle         |                | 180                |                    |
| Measurement Distance                                                                                       |                   | 0.00            |                | Measurement Flux            |                | 1819.52 lm         |                    |
| LED Flux=3485lm LED Power=27.5W Eff=52% EfcLed=127lm/W EfcLum=61lm/W CCT=4000K Ra=90 SDCM=3 L70(6K)=50000h |                   |                 |                |                             |                |                    |                    |
| C.I.E.                                                                                                     | 93 99 100 100 100 |                 |                | 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   | 0.44 | 0.88 | 1.32 | 1.75 | 2.19 | OC   | 0.41 | 0.83 | 1.24 | 1.66 | 2.07 |
| OB   | 0.44 | 0.88 | 1.32 | 1.75 | 2.19 | OD   | 0.41 | 0.83 | 1.24 | 1.66 | 2.07 |

|    |                                |         |         |         |        |        |       |       |       |      |
|----|--------------------------------|---------|---------|---------|--------|--------|-------|-------|-------|------|
|    | Luminous Intensities [ cd/klm] |         |         |         |        |        |       |       |       |      |
|    | 0                              | 5       | 15      | 25      | 35     | 45     | 55    | 65    | 75    | 85   |
| OA | 2759.39                        | 2661.55 | 2098.53 | 1265.57 | 575.45 | 205.45 | 69.41 | 29.47 | 11.42 | 0.52 |
| OB | 2759.39                        | 2661.55 | 2098.53 | 1265.57 | 575.45 | 205.45 | 69.41 | 29.47 | 11.42 | 0.52 |
| OC | 2759.39                        | 2690.35 | 2138.65 | 1097.25 | 239.56 | 40.65  | 18.97 | 13.20 | 4.35  | 0.48 |
| OD | 2759.39                        | 2690.35 | 2138.65 | 1097.25 | 239.56 | 40.65  | 18.97 | 13.20 | 4.35  | 0.48 |



| H[m] | D[m] | Max lux | Med lux | Alpha=23.7°+23.7° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.88 | 2761    | 1590    |                   |       |
| 2.00 | 1.75 | 690     | 398     |                   |       |
| 3.00 | 2.63 | 307     | 177     |                   |       |
| 4.00 | 3.51 | 173     | 99      |                   |       |
| 5.00 | 4.38 | 110     | 64      |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=22.5°+22.5° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.83 | 2761    | 1590    |                  |       |
| 2.00 | 1.66 | 690     | 398     |                  |       |
| 3.00 | 2.49 | 307     | 177     |                  |       |
| 4.00 | 3.32 | 173     | 99      |                  |       |
| 5.00 | 4.15 | 110     | 64      |                  |       |