

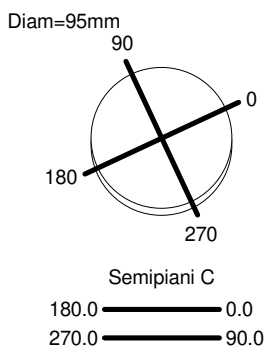
## Luminaire

Code AN20101+M282100  
Name VECTOR 95 TRACK 930 SP ND BCO + anti-dazzle louver

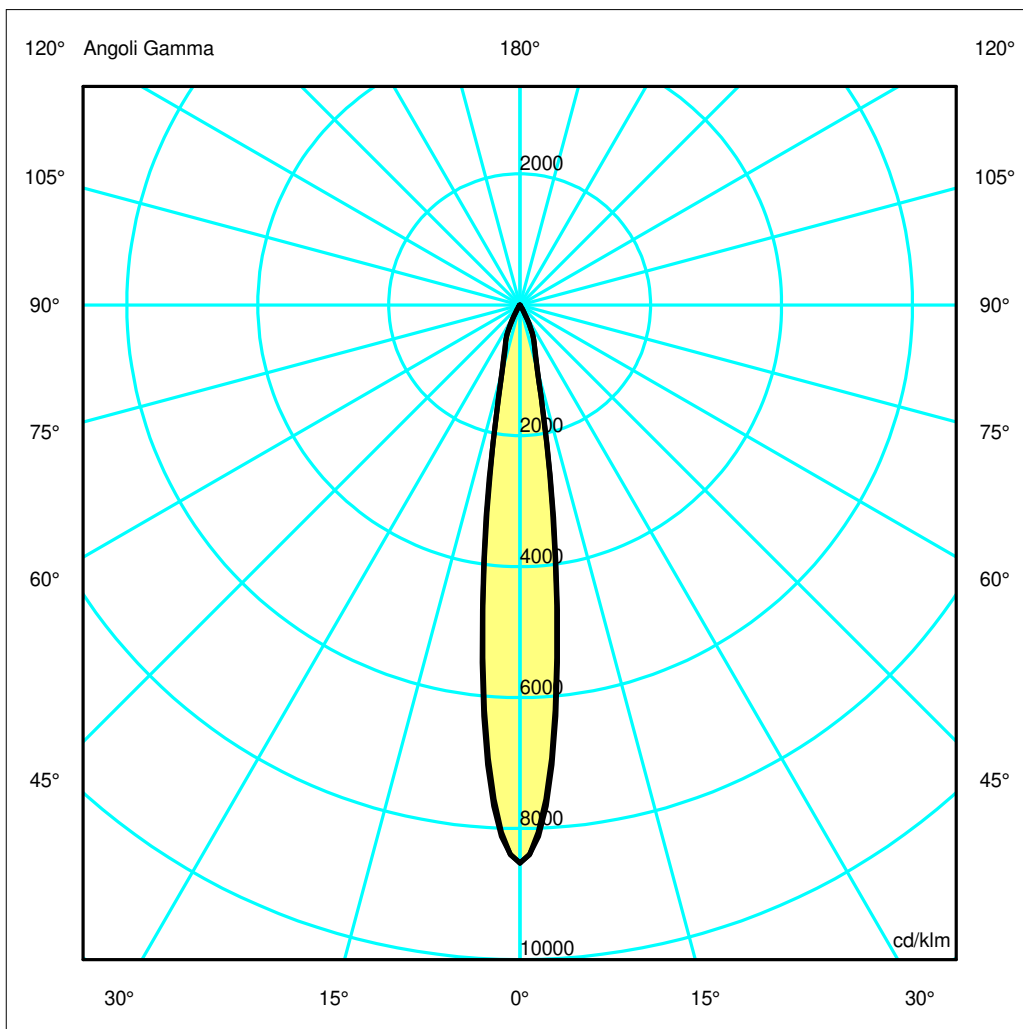
## Measur.

Code FTS1901291  
Name VECTOR 95 TRACK 930 SP ND BCO + anti-dazzle louver

|                                                                                                            |            |                 |                |                             |                |                    |                    |
|------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------|-----------------------------|----------------|--------------------|--------------------|
| Luminaire Flux                                                                                             | 1956.58 lm | Luminaire Power | 30.00 W        | Efficacy                    | 65.22 lm/W     | Efficiency         | 100.00%            |
| Lamps Flux                                                                                                 | 1956.58 lm | Maximum value   | 8525.03 cd/klm | Position                    | C=0.00 G=0.00  | CG                 | Double Symmetrical |
| Round Luminaire<br>Round Luminous Area                                                                     |            | Diam.<br>Diam.  | 95 mm<br>74 mm | Height<br>Height            | 210 mm<br>0 mm |                    |                    |
| Horizontal Luminous Area                                                                                   |            | 0.004301 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°           |                | 0.001040 m2        |                    |
| Coordinate system                                                                                          |            | CG              |                | Symmetry Type               |                | Double Symmetrical |                    |
| Date                                                                                                       |            | 29-03-2019      |                | Maximum Gamma Angle         |                | 180                |                    |
| Measurement Distance                                                                                       |            | 0.00            |                | Measurement Flux            |                | 1956.58 lm         |                    |
| LED Flux=3432lm LED Power=27.5W Eff=57% EfcLed=125lm/W EfcLum=65lm/W CCT=3000K Ra=90 SDCM=3 L70(6K)=50000h |            |                 |                |                             |                |                    |                    |
| C.I.E.                                                                                                     | 99         | 100             | 100            | 100                         | D DIN 5040     | A60                |                    |
| F UTE                                                                                                      | --         |                 |                |                             | B NBN          | BZ 1               |                    |



ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



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## Measurement

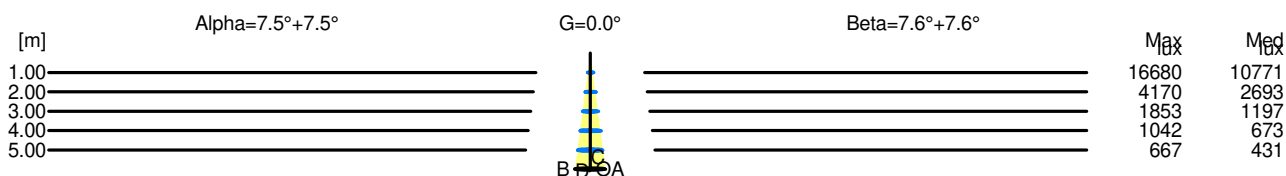
Code FTS1901291  
Name VECTOR 95 TRACK 930 SP ND BCO + anti-dazzle louver

|                                                                                                            |            |                 |                |                             |               |                    |                    |
|------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux                                                                                             | 1956.58 lm | Luminaire Power | 30.00 W        | Efficacy                    | 65.22 lm/W    | Efficiency         | 100.00%            |
| Lamps Flux                                                                                                 | 1956.58 lm | Maximum value   | 8525.03 cd/klm | Position                    | C=0.00 G=0.00 | CG                 | Double Symmetrical |
| Round Luminaire                                                                                            |            | Diam.           | 95 mm          | Height                      | 210 mm        |                    |                    |
| Round Luminous Area                                                                                        |            | Diam.           | 74 mm          | Height                      | 0 mm          |                    |                    |
| Horizontal Luminous Area                                                                                   |            | 0.004301 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°           |               | 0.001040 m2        |                    |
| Coordinate system                                                                                          |            | CG              |                | Symmetry Type               |               | Double Symmetrical |                    |
| Date                                                                                                       |            | 29-03-2019      |                | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance                                                                                       |            | 0.00            |                | Measurement Flux            |               | 1956.58 lm         |                    |
| LED Flux=3432lm LED Power=27.5W Eff=57% EfcLed=125lm/W EfcLum=65lm/W CCT=3000K Ra=90 SDCM=3 L70(6K)=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   | 0.13 | 0.26 | 0.39 | 0.53 | 0.66 | OC   | 0.13 | 0.27 | 0.40 | 0.53 | 0.67 |
| OB   | 0.13 | 0.26 | 0.39 | 0.53 | 0.66 | OD   | 0.13 | 0.27 | 0.40 | 0.53 | 0.67 |

|    |                                |          |         |        |       |       |      |      |      |      |
|----|--------------------------------|----------|---------|--------|-------|-------|------|------|------|------|
|    | Luminous Intensities [ cd/klm] |          |         |        |       |       |      |      |      |      |
|    | 0                              | 5        | 15      | 25     | 35    | 45    | 55   | 65   | 75   | 85   |
| OA | 16679.91                       | 12147.31 | 2050.70 | 766.02 | 29.52 | 8.45  | 3.31 | 1.56 | 1.04 | 0.47 |
| OB | 16679.91                       | 12147.31 | 2050.70 | 766.02 | 29.52 | 8.45  | 3.31 | 1.56 | 1.04 | 0.47 |
| OC | 16679.91                       | 12329.16 | 2012.42 | 764.56 | 30.79 | 10.63 | 4.96 | 2.39 | 1.32 | 0.53 |
| OD | 16679.91                       | 12329.16 | 2012.42 | 764.56 | 30.79 | 10.63 | 4.96 | 2.39 | 1.32 | 0.53 |



| H[m] | D[m] | Max lux | Med lux | Alpha=7.5°+7.5° | G=0.0 |  |
|------|------|---------|---------|-----------------|-------|--|
| 1.00 | 0.26 | 16680   | 10771   |                 |       |  |
| 2.00 | 0.53 | 4170    | 2693    |                 |       |  |
| 3.00 | 0.79 | 1853    | 1197    |                 |       |  |
| 4.00 | 1.05 | 1042    | 673     |                 |       |  |
| 5.00 | 1.32 | 667     | 431     |                 |       |  |

| H[m] | D[m] | Max lux | Med lux | Beta=7.6°+7.6° | G=0.0 |  |
|------|------|---------|---------|----------------|-------|--|
| 1.00 | 0.27 | 16680   | 10771   |                |       |  |
| 2.00 | 0.53 | 4170    | 2693    |                |       |  |
| 3.00 | 0.80 | 1853    | 1197    |                |       |  |
| 4.00 | 1.06 | 1042    | 673     |                |       |  |
| 5.00 | 1.33 | 667     | 431     |                |       |  |