

## Luminaire

Code AN00201  
Name VECTOR 40 TRACK 930 FL ND BCO

## Measurement

Code FTS1800470  
Name VECTOR 40 TRACK 930 FL ND BCO

|  |        |                 |                |                             |               |                 |                 |
|--|--------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux   | 584 lm | Luminaire Power | 10.0 W         | Efficacy                    | 58.427 lm/W   | Efficiency      | 100.00%         |
| Source Flux  | 584 lm | Maximum value   | 5684.10 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Round Luminaire  |        | Diam.           | 40 mm          | Height                      | 105 mm        |                 |                 |
| Round Luminous Area  |        | Diam.           | 33 mm          | Height                      | 0 mm          |                 |                 |
| Horizontal Luminous Area   |        |                 | 0.000855 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°           |               |                 | 0.000207 m2     |
| Coordinate system  |        | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date   |        | 24-10-2017      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance   |        | 0.00            |                | Measurement Flux            |               | 584 lm          |                 |
| LED Flux=846,4lm LED Power=8W Eff=69% EfcLed=106lm/W EfcLum=58lm/W CCT=3000K Ra=90 SDCM=2 L70(6K)=50000h |        |                 |                |                             |               |                 |                 |
| C.I.E.   | 99     | 100             | 100            | 100                         | D DIN 5040    | A60             |                 |
| F UTE  | --     |                 |                |                             | B NBN         | BZ 1            |                 |

Diam=40mm



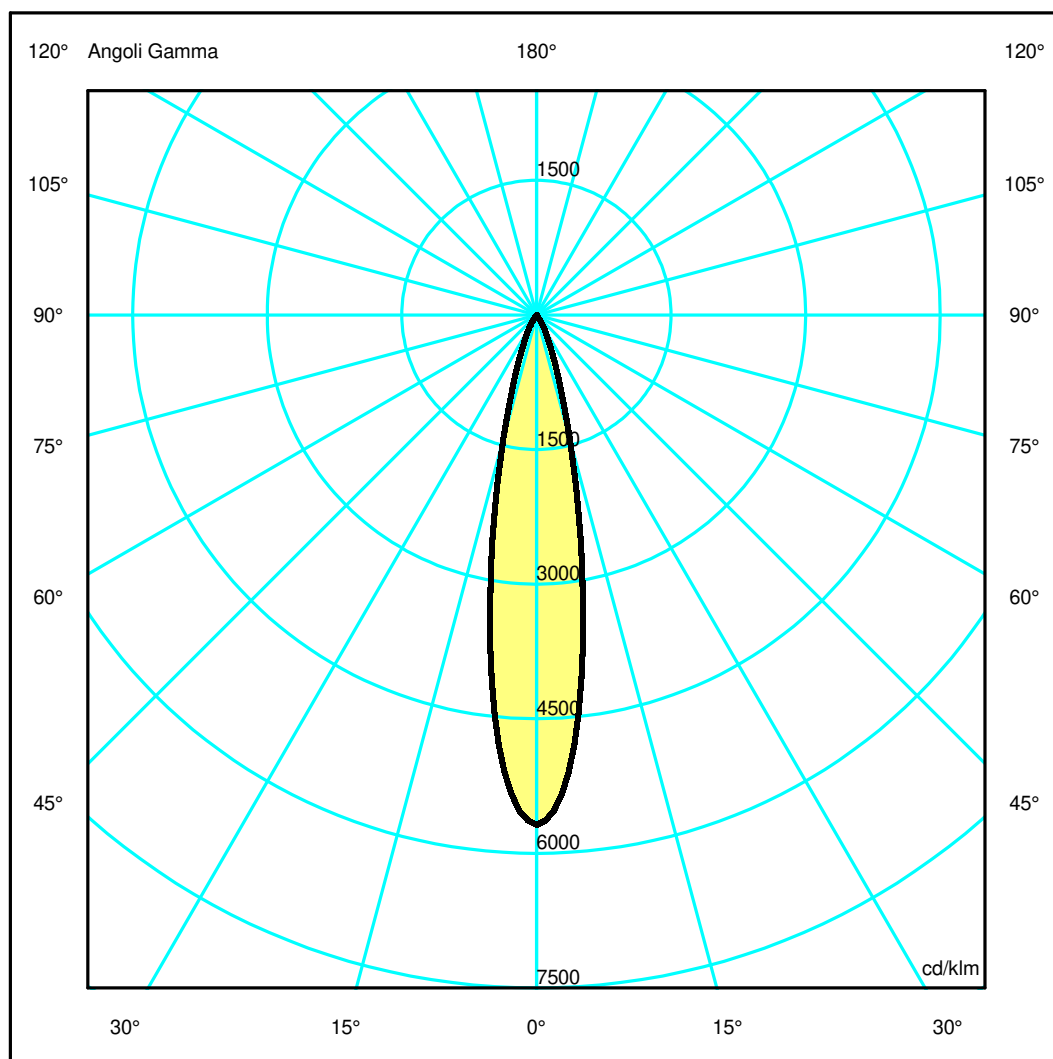
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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## Measurment.

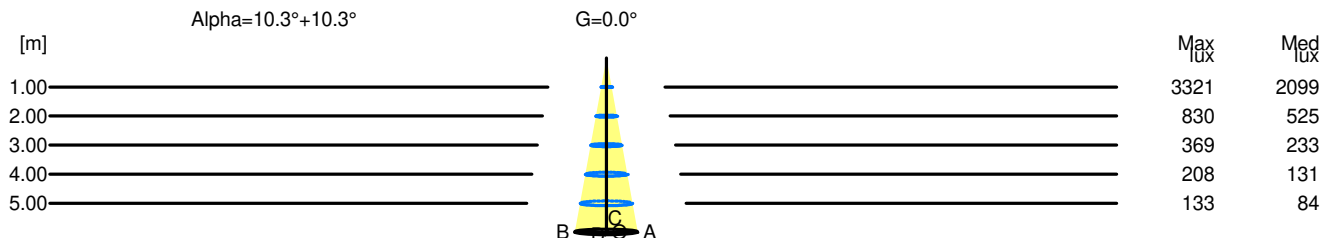
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### Width at 50.00 % of Max Intensity

| 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   | 0.18 | 0.36 | 0.54 | 0.72 | 0.91 | OC   | 0.18 | 0.36 | 0.54 | 0.72 | 0.91 |
| OB   | 0.18 | 0.36 | 0.54 | 0.72 | 0.91 | OD   | 0.18 | 0.36 | 0.54 | 0.72 | 0.91 |

|    | Luminous Intensities [ cd/klm ] |         |        |        |       |      |      |      |      |      |
|----|---------------------------------|---------|--------|--------|-------|------|------|------|------|------|
|    | 0                               | 5       | 15     | 25     | 35    | 45   | 55   | 65   | 75   | 85   |
| OA | 3321.05                         | 2812.05 | 834.65 | 182.14 | 25.02 | 4.46 | 1.81 | 0.52 | 0.00 | 0.00 |
| OB | 3321.05                         | 2812.05 | 834.65 | 182.14 | 25.02 | 4.46 | 1.81 | 0.52 | 0.00 | 0.00 |
| OC | 3321.05                         | 2812.05 | 834.65 | 182.14 | 25.02 | 4.46 | 1.81 | 0.52 | 0.00 | 0.00 |
| OD | 3321.05                         | 2812.05 | 834.65 | 182.14 | 25.02 | 4.46 | 1.81 | 0.52 | 0.00 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=10.3°+10.3° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.36 | 3321    | 2099    |                   |       |
| 2.00 | 0.72 | 830     | 525     |                   |       |
| 3.00 | 1.09 | 369     | 233     |                   |       |
| 4.00 | 1.45 | 208     | 131     |                   |       |
| 5.00 | 1.81 | 133     | 84      |                   |       |