

## Luminaire

Code AN15804+AP91300  
Name VECTOR 55 TRACK 940 WF DALI NRO + SOFT FILTER

## Measurem.

Code FTS1800302-B  
Name VECTOR 55 TRACK 940 WF DALI NRO + SOFT FILTER

|                                                                                                                 |                   |                 |                |                             |               |                 |                 |
|-----------------------------------------------------------------------------------------------------------------|-------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                  | 1677 lm           | Luminaire Power | 20.0 W         | Efficacy                    | 83.850 lm/W   | Efficiency      | 100.00%         |
| Source Flux                                                                                                     | 1677 lm           | Maximum value   | 3005.49 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                                                                                                            |                   | 25-01-2024      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance                                                                                            |                   | 0.00            |                | Measurement Flux            |               | 1677 lm         |                 |
| LED Flux=2694lm LED Power=17W Eff=62% EfcLed=155lm/W EfcLum=84lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)>=50000h |                   |                 |                |                             |               |                 |                 |
| C.I.E.                                                                                                          | 97 99 100 100 100 |                 |                | D DIN 5040                  | A60           |                 |                 |
| F UTE                                                                                                           | --                |                 |                | B NBN                       | BZ 1          |                 |                 |

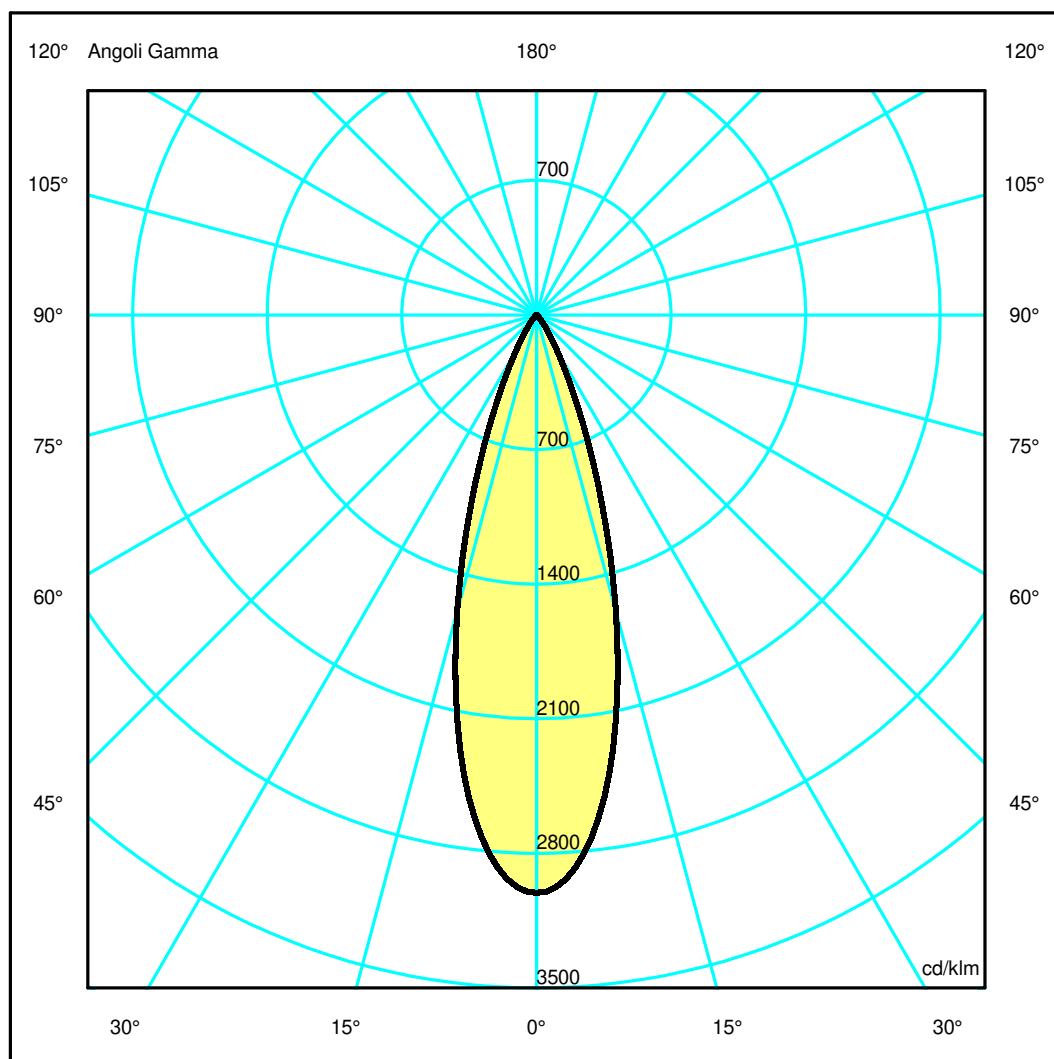
Diam=55mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



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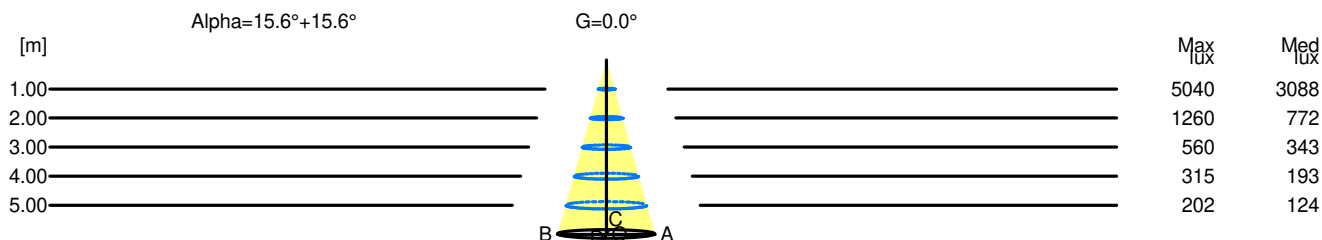
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|                                                                                                                 |         |                 |                |                             |               |                 |                 |
|-----------------------------------------------------------------------------------------------------------------|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                  | 1677 lm | Luminaire Power | 20.0 W         | Efficacy                    | 83.850 lm/W   | Efficiency      | 100.00%         |
| Source Flux                                                                                                     | 1677 lm | Maximum value   | 3005.49 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                                                                                                            |         | 25-01-2024      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance                                                                                            |         | 0.00            |                | Measurement Flux            |               | 1677 lm         |                 |
| LED Flux=2694lm LED Power=17W Eff=62% EfcLed=155lm/W EfcLum=84lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)>=50000h |         |                 |                |                             |               |                 |                 |
| C.I.E.                                                                                                          | 97      | 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   | 0.28 | 0.56 | 0.84 | 1.12 | 1.40 | OC   | 0.28 | 0.56 | 0.84 | 1.12 | 1.40 |
| OB   | 0.28 | 0.56 | 0.84 | 1.12 | 1.40 | OD   | 0.28 | 0.56 | 0.84 | 1.12 | 1.40 |

|    |                                |         |         |        |        |       |       |      |      |      |
|----|--------------------------------|---------|---------|--------|--------|-------|-------|------|------|------|
|    | Luminous Intensities [ cd/klm] |         |         |        |        |       |       |      |      |      |
|    | 0                              | 5       | 15      | 25     | 35     | 45    | 55    | 65   | 75   | 85   |
| OA | 5040.21                        | 4718.22 | 2670.78 | 780.70 | 154.30 | 33.07 | 11.42 | 7.56 | 4.57 | 1.05 |
| OB | 5040.21                        | 4718.22 | 2670.78 | 780.70 | 154.30 | 33.07 | 11.42 | 7.56 | 4.57 | 1.05 |
| OC | 5040.21                        | 4718.22 | 2670.78 | 780.70 | 154.30 | 33.07 | 11.42 | 7.56 | 4.57 | 1.05 |
| OD | 5040.21                        | 4718.22 | 2670.78 | 780.70 | 154.30 | 33.07 | 11.42 | 7.56 | 4.57 | 1.05 |



| H[m] | D[m] | Max lux | Med lux | Alpha=15.6°+15.6° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.56 | 5040    | 3088    |                   |       |
| 2.00 | 1.12 | 1260    | 772     |                   |       |
| 3.00 | 1.68 | 560     | 343     |                   |       |
| 4.00 | 2.24 | 315     | 193     |                   |       |
| 5.00 | 2.80 | 202     | 124     |                   |       |