

## Luminaire

Code BQ30318+AP90300  
 Name VECTOR 55 CEILING 930 WF BCP + SOFT FILTER

## Measurement

Code FTS2400051.  
 Name VECTOR 55 CEILING 930 WF BCP + SOFT FILTER

|                                                                                                                |                   |                 |                |                             |               |                 |                 |
|----------------------------------------------------------------------------------------------------------------|-------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                 | 1550 lm           | Luminaire Power | 20.0 W         | Efficacy                    | 77.500 lm/W   | Efficiency      | 100.00%         |
| Source Flux                                                                                                    | 1550 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                                                                                                           |                   | 13-03-2024      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance                                                                                           |                   | 0.00            |                | Measurement Flux            |               | 1550 lm         |                 |
| LED Flux=2491lm LED Power=17W Eff=62% EfcLed=143lm/W EfcLum=78lm/W CCT=3000K 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          |                 |                 |

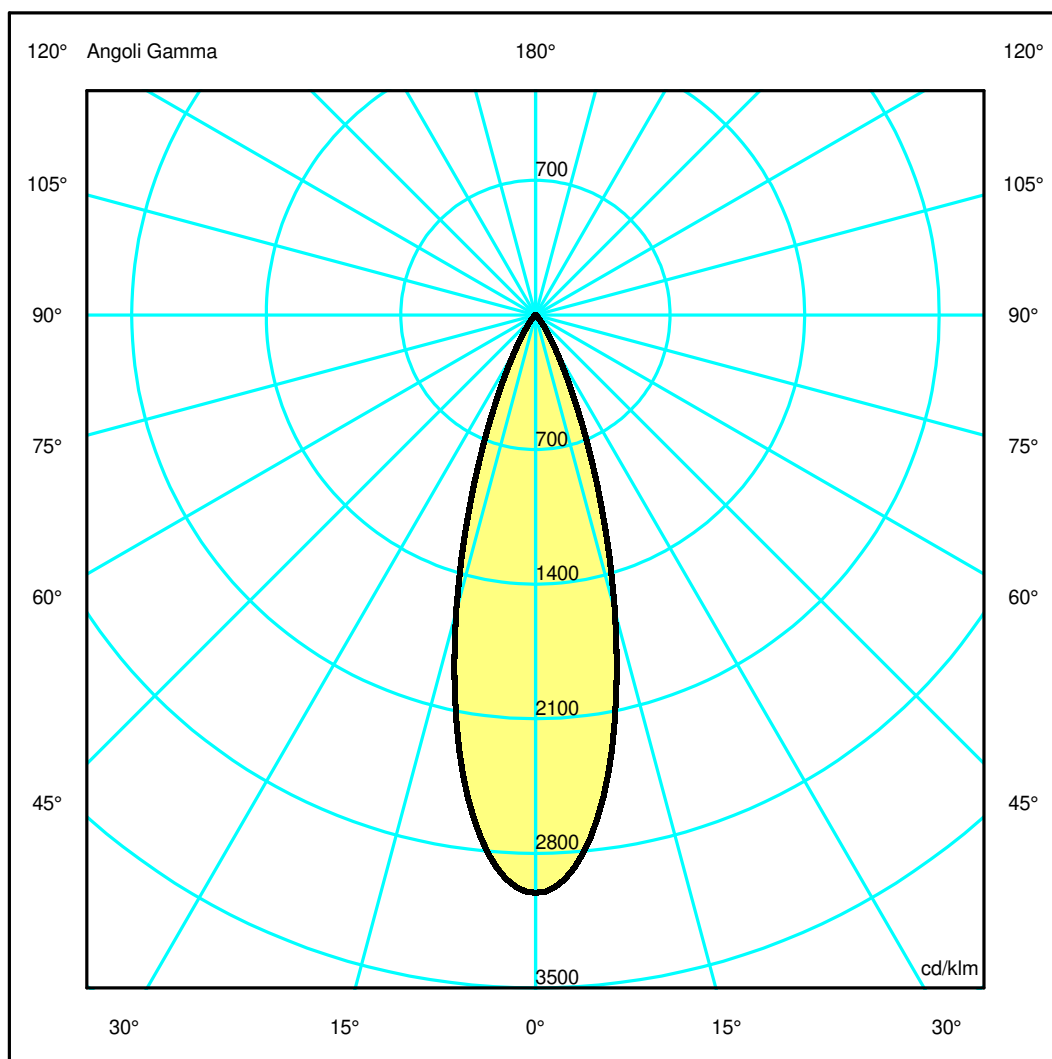
Diam=55mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
 DLOR100.00 %  
 RN 0.00 %



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## Measurem.

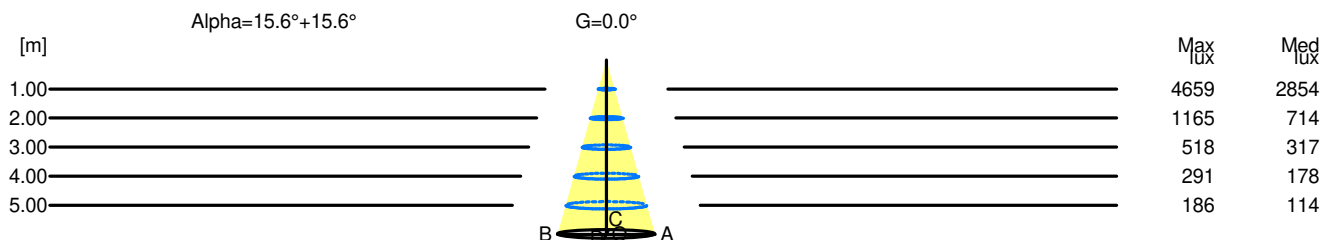
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|                                                                                                                |                   |                 |                |                             |               |                 |                 |
|----------------------------------------------------------------------------------------------------------------|-------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                                 | 1550 lm           | Luminaire Power | 20.0 W         | Efficacy                    | 77.500 lm/W   | Efficiency      | 100.00%         |
| Source Flux                                                                                                    | 1550 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                                                                                                           |                   | 13-03-2024      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance                                                                                           |                   | 0.00            |                | Measurement Flux            |               | 1550 lm         |                 |
| LED Flux=2491lm LED Power=17W Eff=62% EfcLed=143lm/W EfcLum=78lm/W CCT=3000K 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 | 4658.51                         | 4360.91 | 2468.52 | 721.57 | 142.61 | 30.56 | 10.55 | 6.98 | 4.22 | 0.97 |
| OB | 4658.51                         | 4360.91 | 2468.52 | 721.57 | 142.61 | 30.56 | 10.55 | 6.98 | 4.22 | 0.97 |
| OC | 4658.51                         | 4360.91 | 2468.52 | 721.57 | 142.61 | 30.56 | 10.55 | 6.98 | 4.22 | 0.97 |
| OD | 4658.51                         | 4360.91 | 2468.52 | 721.57 | 142.61 | 30.56 | 10.55 | 6.98 | 4.22 | 0.97 |



| H[m] | D[m] | Max lux | Med lux | Alpha=15.6°+15.6° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.56 | 4659    | 2854    |                   |       |
| 2.00 | 1.12 | 1165    | 714     |                   |       |
| 3.00 | 1.68 | 518     | 317     |                   |       |
| 4.00 | 2.24 | 291     | 178     |                   |       |
| 5.00 | 2.80 | 186     | 114     |                   |       |