

## Luminaire

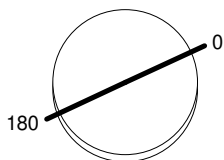
Code BQ31218  
Name VECTOR 55 CEILING 927 FL BCP

## Measurement

Code FTS2102898  
Name VECTOR 55 CEILING 927 FL BCP

|                                                                                                          |         |                 |                |                             |               |                 |                 |
|----------------------------------------------------------------------------------------------------------|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux                                                                                           | 1654 lm | Luminaire Power | 24.0 W         | Efficacy                    | 68.906 lm/W   | Efficiency      | 100.00%         |
| Source Flux                                                                                              | 1654 lm | Maximum value   | 5833.50 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Round Luminaire                                                                                          |         | Diam.           | 55 mm          | Height                      | 130 mm        |                 |                 |
| Round Luminous Area                                                                                      |         | Diam.           | 46 mm          | Height                      | 0 mm          |                 |                 |
| Horizontal Luminous Area                                                                                 |         | 0.001662 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°           |               | 0.000402 m2     |                 |
| Coordinate system                                                                                        |         | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                                                                                                     |         | 27-09-2021      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance                                                                                     |         | 0.00            |                | Measurement Flux            |               | 1654 lm         |                 |
| LED Flux=2254lm LED Power=21W Eff=73% EfcLed=105lm/W EfcLum=69lm/W CCT=2700K 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            |

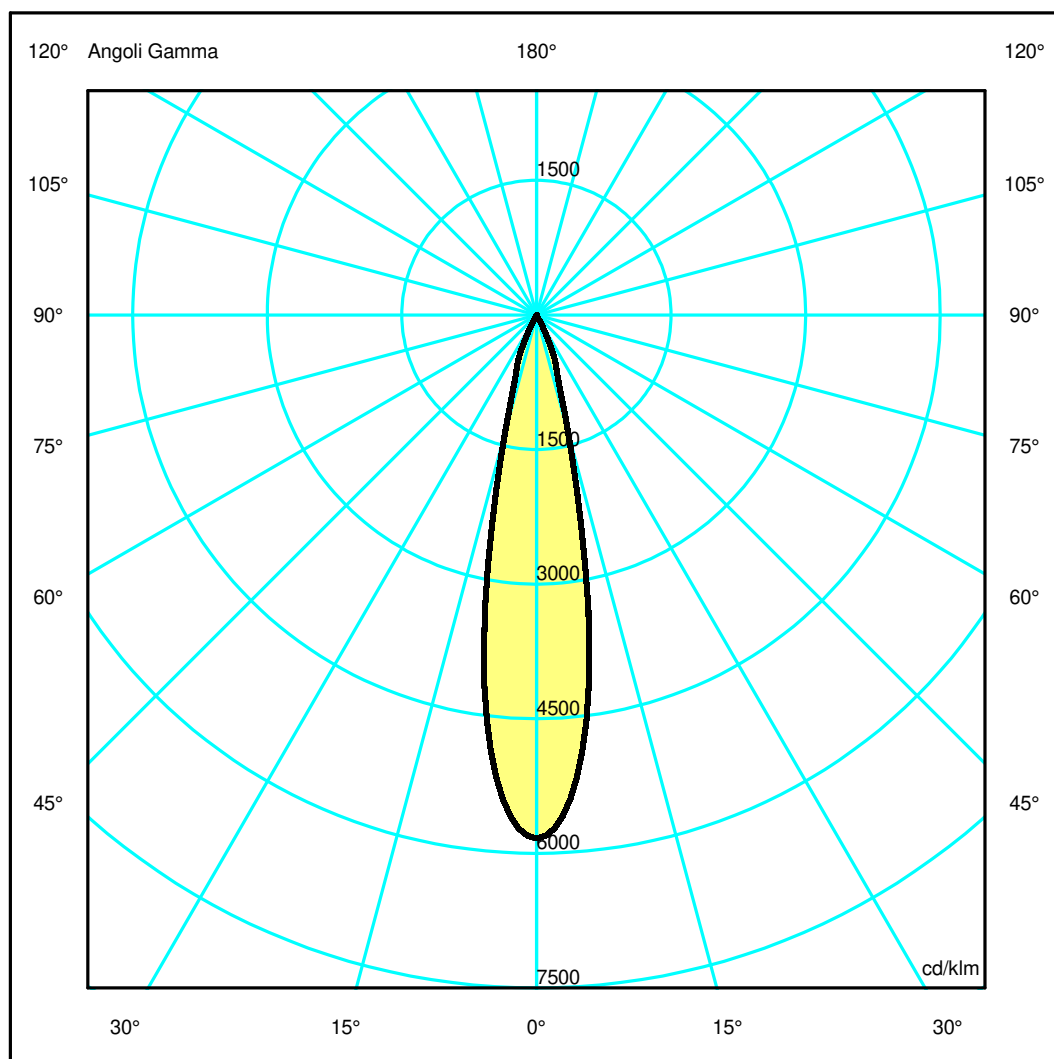
Diam=55mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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## Measurem.

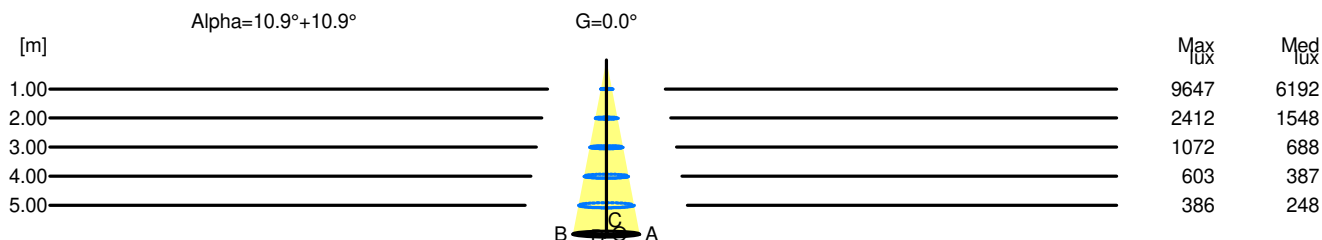
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|                                                                                                          |         |                 |                |                             |               |                 |                 |
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| Round Luminous Area                                                                                      |         | Diam.           | 46 mm          | Height                      | 0 mm          |                 |                 |
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| 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°           |               | 0.000402 m2     |                 |
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| Date                                                                                                     |         | 27-09-2021      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance                                                                                     |         | 0.00            |                | Measurement Flux            |               | 1654 lm         |                 |
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| 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   | 0.19 | 0.38 | 0.58 | 0.77 | 0.96 | OC   | 0.19 | 0.38 | 0.58 | 0.77 | 0.96 |
| OB   | 0.19 | 0.38 | 0.58 | 0.77 | 0.96 | OD   | 0.19 | 0.38 | 0.58 | 0.77 | 0.96 |

|    |                                |         |         |        |       |      |      |      |      |      |
|----|--------------------------------|---------|---------|--------|-------|------|------|------|------|------|
|    | Luminous Intensities [ cd/klm] |         |         |        |       |      |      |      |      |      |
|    | 0                              | 5       | 15      | 25     | 35    | 45   | 55   | 65   | 75   | 85   |
| OA | 9647.09                        | 8550.39 | 2260.85 | 535.81 | 15.50 | 6.66 | 3.88 | 2.62 | 1.42 | 0.51 |
| OB | 9647.09                        | 8550.39 | 2260.85 | 535.81 | 15.50 | 6.66 | 3.88 | 2.62 | 1.42 | 0.51 |
| OC | 9647.09                        | 8550.39 | 2260.85 | 535.81 | 15.50 | 6.66 | 3.88 | 2.62 | 1.42 | 0.51 |
| OD | 9647.09                        | 8550.39 | 2260.85 | 535.81 | 15.50 | 6.66 | 3.88 | 2.62 | 1.42 | 0.51 |



| H[m] | D[m] | Max lux | Med lux | Alpha=10.9°+10.9° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.38 | 9647    | 6192    |                   |       |
| 2.00 | 0.77 | 2412    | 1548    |                   |       |
| 3.00 | 1.15 | 1072    | 688     |                   |       |
| 4.00 | 1.53 | 603     | 387     |                   |       |
| 5.00 | 1.92 | 386     | 248     |                   |       |