

## Luminaire

Code AP21201+AP90200  
 Name VECTOR 40 MAGNET SUSP 927 FL WHT + LENS FOR ELLIPTICAL EMISSION

## Measurement

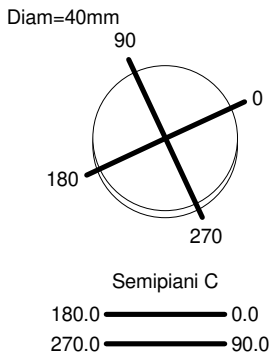
Code FTS2001339  
 Name VECTOR 40 MAGNET SUSP 927 FL WHT + LENS FOR ELLIPTICAL EMISSION

|                            |        |                 |                         |                             |               |                    |                         |
|----------------------------|--------|-----------------|-------------------------|-----------------------------|---------------|--------------------|-------------------------|
| Luminaire Flux             | 308 lm | Luminaire Power | 9.0 W                   | Efficacy                    | 34.257 lm/W   | Efficiency         | 100.00%                 |
| Source Flux                | 308 lm | Maximum value   | 3396.08 cd/klm          | Position                    | C=0.00 G=0.00 | CG                 | Double Symmetrical      |
| Round Luminaire            |        | Diam.           | 40 mm                   | Height                      | 103 mm        |                    |                         |
| Round Luminous Area        |        | Diam.           | 27 mm                   | Height                      | 0 mm          |                    |                         |
| Horizontal Luminous Area   |        |                 | 0.000573 m <sup>2</sup> | Emitting area on Plane 180° |               |                    | 0.000000 m <sup>2</sup> |
| Emitting area on Plane 0°  |        |                 | 0.000000 m <sup>2</sup> | Emitting area on Plane 270° |               |                    | 0.000000 m <sup>2</sup> |
| Emitting area on Plane 90° |        |                 | 0.000000 m <sup>2</sup> | Glare area at 76°           |               |                    | 0.000139 m <sup>2</sup> |
| Coordinate system          |        | CG              |                         | Symmetry Type               |               | Double Symmetrical |                         |
| Date                       |        | 23-09-2021      |                         | Maximum Gamma Angle         |               | 180                |                         |
| Measurement Distance       |        | 0.00            |                         | Measurement Flux            |               | 308 lm             |                         |

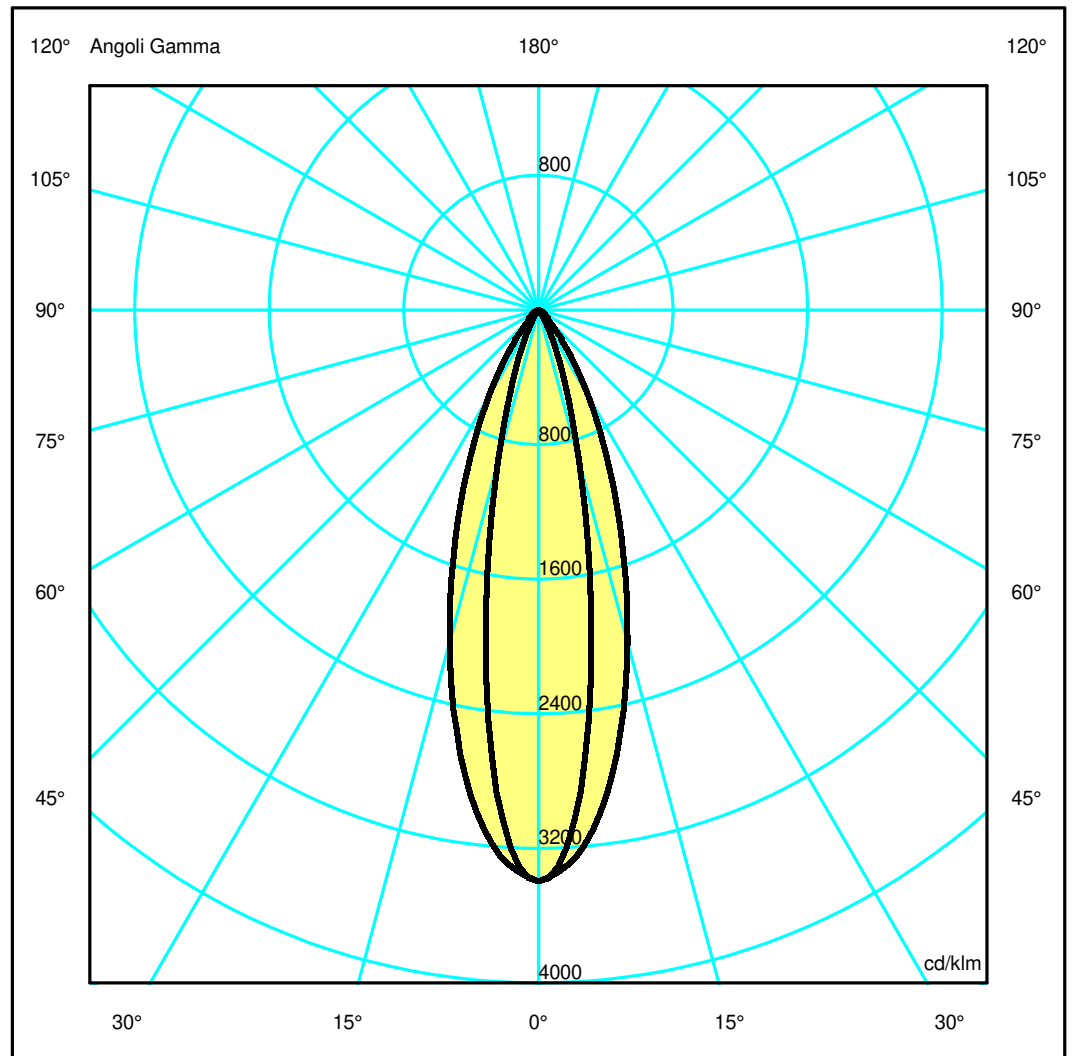
LED Flux=786lm LED Power=8W Eff=39% EfcLed=98lm/W EfcLum=34lm/W CCT=2700K Ra=90 SDCM=2 L70(6K)=50000h

C.I.E. 96 99 100 100 100  
 F UTE 1.00 A

D DIN 5040  
 B NBN  
 A60  
 BZ 1



ULOR 0.00 %  
 DLOR 100.00 %  
 RN 0.00 %



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## Measurerm.

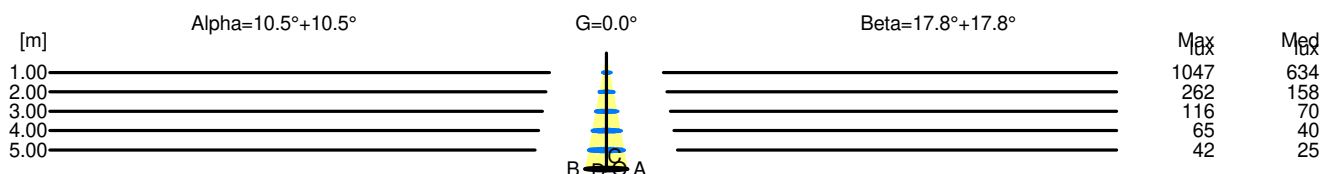
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Name VECTOR 40 MAGNET SUSP 927 FL WHT + LENS FOR ELLIPTICAL EMISSION

|   |                   |                 |                |                             |               |                    |                    |
|---|-------------------|-----------------|----------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux  | 308 lm            | Luminaire Power | 9.0 W          | Efficacy                    | 34.257 lm/W   | Efficiency         | 100.00%            |
| Source Flux   | 308 lm            | Maximum value   | 3396.08 cd/klm | Position                    | C=0.00 G=0.00 | CG                 | Double Symmetrical |
| Round Luminaire   |                   | Diam.           | 40 mm          | Height                      | 103 mm        |                    |                    |
| Round Luminous Area   |                   | Diam.           | 27 mm          | Height                      | 0 mm          |                    |                    |
| Horizontal Luminous Area  |                   | 0.000573 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°           |               | 0.000139 m2        |                    |
| Coordinate system   |                   | CG              |                | Symmetry Type               |               | Double Symmetrical |                    |
| Date  |                   | 23-09-2021      |                | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance  |                   | 0.00            |                | Measurement Flux            |               | 308 lm             |                    |
| LED Flux=786lm LED Power=8W Eff=39% EfcLed=98lm/W EfcLum=34lm/W CCT=2700K Ra=90 SDCM=2 L70(6K)=50000h |                   |                 |                |                             |               |                    |                    |
| C.I.E.  | 96 99 100 100 100 |                 |                | D DIN 5040                  | A60           |                    |                    |
| F UTE   | 1.00 A            |                 |                | 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 | 0.37 | 0.56 | 0.74 | 0.93 | OC   | 0.32 | 0.64 | 0.96 | 1.28 | 1.60 |
| OB   | 0.19 | 0.37 | 0.56 | 0.74 | 0.93 | OD   | 0.32 | 0.64 | 0.96 | 1.28 | 1.60 |

|    | Luminous Intensities [ cd/klm ] |        |        |        |        |       |       |      |      |      |
|----|---------------------------------|--------|--------|--------|--------|-------|-------|------|------|------|
|    | 0                               | 5      | 15     | 25     | 35     | 45    | 55    | 65   | 75   | 85   |
| OA | 1047.05                         | 885.98 | 287.17 | 66.02  | 10.55  | 3.70  | 1.82  | 1.14 | 0.74 | 0.25 |
| OB | 1047.05                         | 885.98 | 287.17 | 66.02  | 10.55  | 3.70  | 1.82  | 1.14 | 0.74 | 0.25 |
| OC | 1047.05                         | 981.63 | 629.42 | 294.72 | 101.74 | 25.27 | 12.96 | 8.71 | 1.90 | 0.24 |
| OD | 1047.05                         | 981.63 | 629.42 | 294.72 | 101.74 | 25.27 | 12.96 | 8.71 | 1.90 | 0.24 |



| H[m] | D[m] | Max lux | Med lux | Alpha=10.5°+10.5° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.37 | 1047    | 634     |                   |       |
| 2.00 | 0.74 | 262     | 158     |                   |       |
| 3.00 | 1.11 | 116     | 70      |                   |       |
| 4.00 | 1.48 | 65      | 40      |                   |       |
| 5.00 | 1.85 | 42      | 25      |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=17.8°+17.8° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.64 | 1047    | 634     |                  |       |
| 2.00 | 1.28 | 262     | 158     |                  |       |
| 3.00 | 1.93 | 116     | 70      |                  |       |
| 4.00 | 2.57 | 65      | 40      |                  |       |
| 5.00 | 3.21 | 42      | 25      |                  |       |