## Luminaire

| | |
|---|---|
| Code | 36502204014U |
| Name | FANALET S49 0-10V |
| Line | Eulumdat |

## Measurem.

| | |
|---|---|
| Code | CL092A24D016GP |
| Name | FANALET S49 0-10V |

## Source Data

| | | | | | |
|---|---|---|---|---|---|
| Code | 2836 LM281B+PRO (VK) | Correlated Color Temperature (CCT) | 2670K | Q.ty | 1 |
| Name | 2836 LM281B+PRO (VK) | Color rendering index (CRI) | 92 | | |
| Line | | | | | |

## Measurement data

| | | | |
|---|---|---|---|
| Coordinate system | CG | Symmetry Type | Double Symmetrical |
| Date | 25-11-2024 | Maximum Gamma Angle | 180° |
| Measurement Distance | 0.00m | Measurement Flux | 643.0 lm |
| Maximum | 574.79 cd/klm | Position | C=0.0° G=0.0° |

## Electrical Parameters

| | | | |
|---|---|---|---|
| Channel 1 | | Channel 2 | |
| Voltage | 0.00 V | Voltage | 0.00 V |
| Current | 0.00 A | Current | 0.00 A |
| Power | 30.40 W | Power | 0.00 W |
| Frequency | 0 Hz | Frequency | 0 Hz |
| Power Factor | 0.00 | Power Factor | 0.00 |

## Environmental Parameters

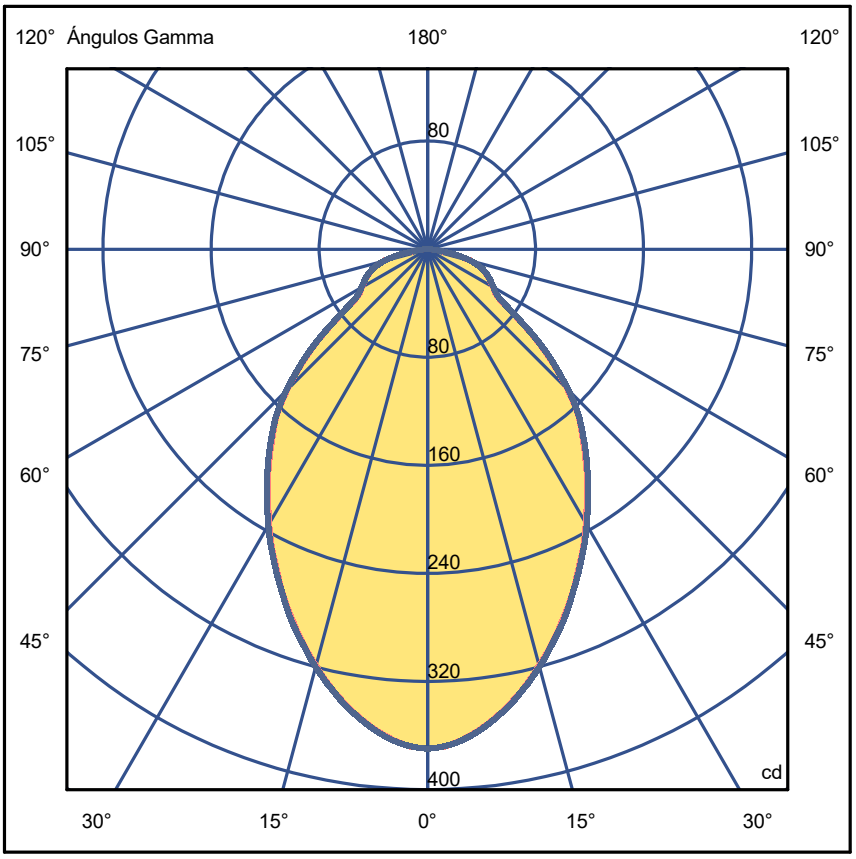
| | | | |
|---|---|---|---|
| Temperature | 0.0 °C | Air Speed | 0.0 m/s |
| Humidity | 0.0 % | | |

## Luminaire Dimensions

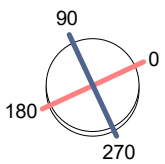
| | | | | | |
|---|---|---|---|---|---|
| Round Luminaire | Diam. | 490 mm | Height | 170 mm | |
| Round Luminous Area | Diam. | 200 mm | Height | 80 mm | |
| | | | | | |
| Horizontal Luminous Area | 0.031416 m2 | | Emitting area on Plane 180° | 0.016000 m2 | |
| Emitting area on Plane 0° | 0.016000 m2 | | Emitting area on Plane 270° | 0.016000 m2 | |
| Emitting area on Plane 90° | 0.016000 m2 | | Glare area at 76° | 0.023125 m2 | |

## Photometric Assessment

| | | | |
|---|---|---|---|
| Luminaire Flux | 643.0 lm | Source Flux | 643.0 lm |
| Efficacy | 21.151 lm/W | Efficiency | 100.0 % |
| CIE Flux Codes | 61 86 97 100 100 | D DIN 5040 | A50 |
| F UTE | 1.00 C | B NBN | BZ 3 |




Diam=490mm







ULOR 0.14 %
DLOR 99.86 %
RN 0.14 %

**Luminaire**
Code 36502204014U
Name FANALET S49 0-10V
**Measurem.**
Code CL092A24D016GP
Name FANALET S49 0-10V

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 643 lm | Luminaire Power | 30.4 W | Efficacy | 21.151 lm/W | Efficiency | 100.00% |
| Source Flux | 643 lm | Maximum value | 369.59 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

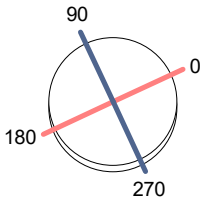
**Luminous Intensity Table cd** **Table 1/1**

| | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 |
|---|---|---|---|---|---|---|---|
| G 0.0 | 370 | 370 | 370 | 370 | 370 | 370 | 370 |
| G 2.5 | 367 | 367 | 367 | 367 | 368 | 367 | 367 |
| G 5.0 | 361 | 362 | 361 | 362 | 362 | 362 | 362 |
| G 7.5 | 353 | 353 | 354 | 353 | 354 | 354 | 354 |
| G 10.0 | 343 | 343 | 343 | 344 | 344 | 344 | 344 |
| G 12.5 | 332 | 332 | 332 | 332 | 332 | 332 | 332 |
| G 15.0 | 319 | 320 | 319 | 320 | 320 | 320 | 320 |
| G 17.5 | 306 | 306 | 306 | 307 | 307 | 307 | 307 |
| G 20.0 | 292 | 293 | 293 | 293 | 293 | 293 | 293 |
| G 22.5 | 278 | 278 | 278 | 278 | 279 | 279 | 279 |
| G 25.0 | 263 | 264 | 264 | 264 | 264 | 264 | 264 |
| G 27.5 | 249 | 249 | 249 | 250 | 250 | 250 | 250 |
| G 30.0 | 234 | 235 | 235 | 235 | 235 | 235 | 236 |
| G 32.5 | 220 | 220 | 220 | 220 | 221 | 221 | 221 |
| G 35.0 | 206 | 206 | 206 | 206 | 207 | 207 | 207 |
| G 37.5 | 192 | 192 | 192 | 192 | 193 | 192 | 193 |
| G 40.0 | 178 | 178 | 178 | 178 | 179 | 179 | 179 |
| G 42.5 | 164 | 164 | 164 | 164 | 165 | 164 | 165 |
| G 45.0 | 147 | 147 | 147 | 147 | 148 | 147 | 148 |
| G 47.5 | 128 | 128 | 128 | 128 | 129 | 128 | 128 |
| G 50.0 | 107 | 108 | 108 | 108 | 108 | 107 | 109 |
| G 52.5 | 85 | 86 | 86 | 86 | 86 | 86 | 86 |
| G 55.0 | 66 | 67 | 67 | 68 | 68 | 68 | 68 |
| G 57.5 | 59 | 59 | 60 | 60 | 60 | 60 | 60 |
| G 60.0 | 56 | 56 | 56 | 56 | 56 | 56 | 56 |
| G 62.5 | 53 | 53 | 53 | 53 | 53 | 53 | 53 |
| G 65.0 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| G 67.5 | 47 | 47 | 47 | 47 | 47 | 47 | 47 |
| G 70.0 | 43 | 44 | 43 | 43 | 43 | 44 | 44 |
| G 72.5 | 39 | 39 | 39 | 39 | 39 | 39 | 39 |
| G 75.0 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| G 77.5 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| G 80.0 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| G 82.5 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| G 85.0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| G 87.5 | 3 | 3 | 2 | 2 | 2 | 3 | 3 |
| G 90.0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| G 92.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G 95.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G 97.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G100.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G102.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G105.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G107.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G110.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G112.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G115.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G117.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G120.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G122.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G125.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G127.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G130.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G132.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G135.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G137.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G140.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G142.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G145.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G147.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G150.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G152.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G155.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G157.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G160.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G162.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G165.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G167.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G170.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G172.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G175.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G177.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G180.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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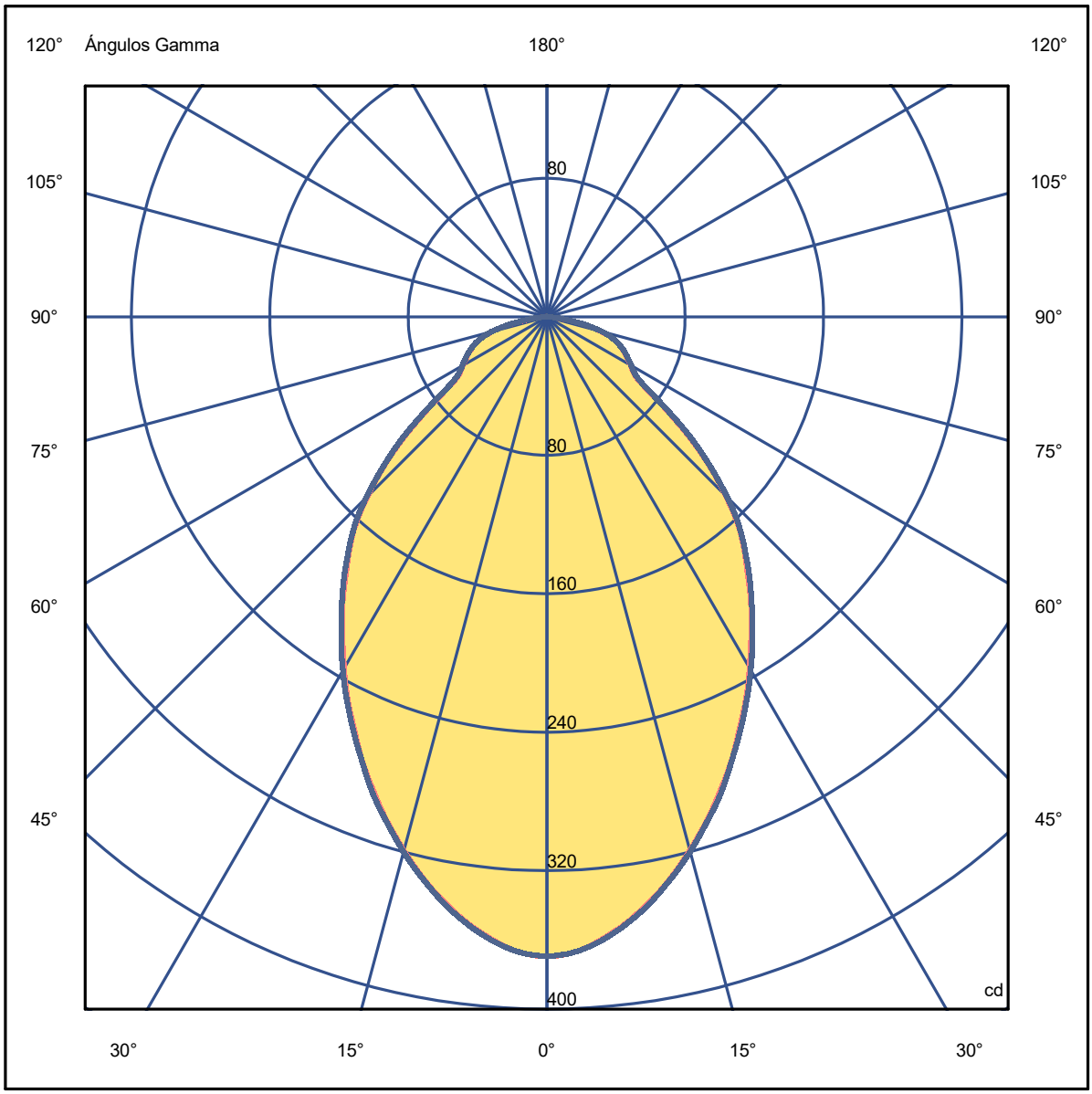
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 643 lm | Luminaire Power | 30.4 W | Efficacy | 21.151 lm/W | Efficiency | 100.00% |
| Source Flux | 643 lm | Maximum value | 369.59 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=490mm




Semiplanos C



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 643 lm | Luminaire Power | 30.4 W | Efficacy | 21.151 lm/W | Efficiency | 100.00% |
| Source Flux | 643 lm | Maximum value | 369.59 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

**UGR**
S = 0.250

| Reflectancies | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Ceiling/Cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Working Plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| | | | | | | | | | | |
| Room Dimensions | Lateral View | | | | | Viewed Endwise | | | | |
| x=2H y=2H | 15.1 | 16.3 | 15.4 | 16.5 | 16.7 | 15.2 | 16.3 | 15.4 | 16.5 | 16.8 |
| x=2H y=3H | 16.2 | 17.2 | 16.5 | 17.5 | 17.7 | 16.2 | 17.2 | 16.5 | 17.5 | 17.7 |
| x=2H y=4H | 16.7 | 17.6 | 17.0 | 17.9 | 18.2 | 16.7 | 17.7 | 17.0 | 17.9 | 18.2 |
| x=2H y=6H | 16.9 | 17.8 | 17.3 | 18.1 | 18.4 | 16.9 | 17.8 | 17.3 | 18.1 | 18.4 |
| x=2H y=8H | 16.9 | 17.8 | 17.3 | 18.1 | 18.4 | 17.0 | 17.8 | 17.3 | 18.1 | 18.4 |
| x=2H y=12H | 16.9 | 17.7 | 17.3 | 18.1 | 18.4 | 16.9 | 17.8 | 17.3 | 18.1 | 18.4 |
| x=4H y=2H | 15.5 | 16.4 | 15.8 | 16.7 | 17.0 | 15.5 | 16.5 | 15.8 | 16.7 | 17.0 |
| x=4H y=3H | 16.8 | 17.6 | 17.2 | 17.9 | 18.3 | 16.8 | 17.6 | 17.2 | 18.0 | 18.3 |
| x=4H y=4H | 17.4 | 18.2 | 17.8 | 18.5 | 18.9 | 17.5 | 18.2 | 17.8 | 18.5 | 18.9 |
| x=4H y=6H | 17.8 | 18.4 | 18.2 | 18.8 | 19.2 | 17.8 | 18.4 | 18.2 | 18.8 | 19.2 |
| x=4H y=8H | 17.8 | 18.4 | 18.2 | 18.8 | 19.2 | 17.8 | 18.4 | 18.3 | 18.8 | 19.2 |
| x=4H y=12H | 17.8 | 18.3 | 18.3 | 18.7 | 19.2 | 17.8 | 18.3 | 18.3 | 18.7 | 19.2 |
| x=8H y=4H | 17.6 | 18.2 | 18.1 | 18.6 | 19.0 | 17.7 | 18.2 | 18.1 | 18.6 | 19.0 |
| x=8H y=6H | 18.1 | 18.5 | 18.5 | 18.9 | 19.4 | 18.1 | 18.5 | 18.5 | 19.0 | 19.4 |
| x=8H y=8H | 18.1 | 18.5 | 18.6 | 19.0 | 19.5 | 18.1 | 18.5 | 18.6 | 19.0 | 19.5 |
| x=8H y=12H | 18.1 | 18.5 | 18.6 | 18.9 | 19.4 | 18.1 | 18.5 | 18.6 | 19.0 | 19.5 |
| x=12H y=4H | 17.6 | 18.1 | 18.1 | 18.6 | 19.0 | 17.7 | 18.2 | 18.1 | 18.6 | 19.0 |
| x=12H y=6H | 18.1 | 18.5 | 18.5 | 18.9 | 19.4 | 18.1 | 18.5 | 18.5 | 18.9 | 19.4 |
| x=12H y=8H | 18.1 | 18.5 | 18.6 | 18.9 | 19.4 | 18.1 | 18.5 | 18.6 | 19.0 | 19.5 |

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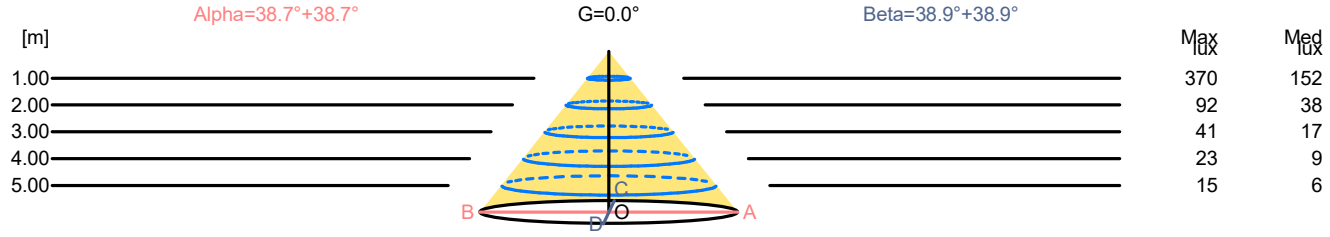
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 643 lm | Luminaire Power | 30.4 W | Efficacy | 21.151 lm/W | Efficiency | 100.00% |
| Source Flux | 643 lm | Maximum value | 369.59 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

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 | 0.80 | 1.60 | 2.40 | 3.21 | 4.01 | OC | 0.81 | 1.62 | 2.42 | 3.23 | 4.04 |
| OB | 0.80 | 1.60 | 2.40 | 3.21 | 4.01 | OD | 0.81 | 1.62 | 2.42 | 3.23 | 4.04 |

Luminous Intensities [ cd]

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|---|---|---|---|---|---|---|---|---|---|---|
| OA | 369.59 | 361.26 | 319.19 | 263.34 | 206.02 | 146.64 | 66.43 | 49.96 | 32.86 | 5.03 |
| OB | 369.59 | 361.26 | 319.19 | 263.34 | 206.02 | 146.64 | 66.43 | 49.96 | 32.86 | 5.03 |
| OC | 369.59 | 361.71 | 320.01 | 264.22 | 206.94 | 147.77 | 67.81 | 50.30 | 32.93 | 5.21 |
| OD | 369.59 | 361.71 | 320.01 | 264.22 | 206.94 | 147.77 | 67.81 | 50.30 | 32.93 | 5.21 |



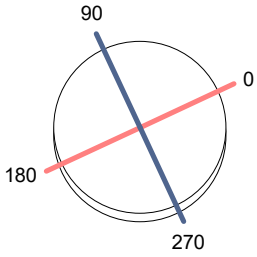

| H[m] | D[m] | Max lux | Med lux | Alpha=38.7°+38.7° G=0.0 |
|---|---|---|---|---|
| 1.00 | 1.60 | 370 | 152 | |
| 2.00 | 3.21 | 92 | 38 | |
| 3.00 | 4.81 | 41 | 17 | |
| 4.00 | 6.41 | 23 | 9 | |
| 5.00 | 8.02 | 15 | 6 | |

| H[m] | D[m] | Max lux | Med lux | Beta=38.9°+38.9° G=0.0 |
|---|---|---|---|---|
| 1.00 | 1.62 | 370 | 152 | |
| 2.00 | 3.23 | 92 | 38 | |
| 3.00 | 4.85 | 41 | 17 | |
| 4.00 | 6.46 | 23 | 9 | |
| 5.00 | 8.08 | 15 | 6 | |

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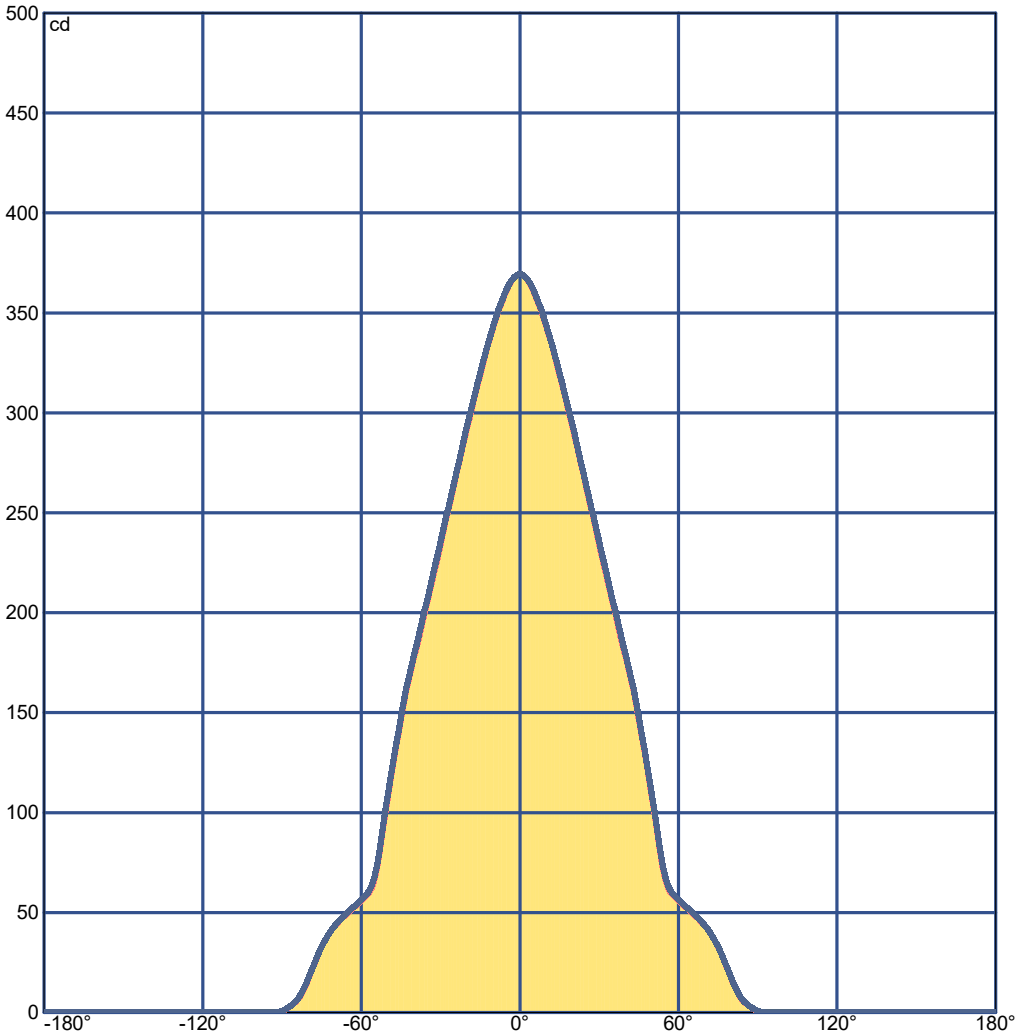
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 643 lm | Luminaire Power | 30.4 W | Efficacy | 21.151 lm/W | Efficiency | 100.00% |
| Source Flux | 643 lm | Maximum value | 369.59 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=490mm




Semiplanos C



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|---|---|---|---|---|---|---|---|
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Flujo Total=643.00 Flujo Luminaria=643.00

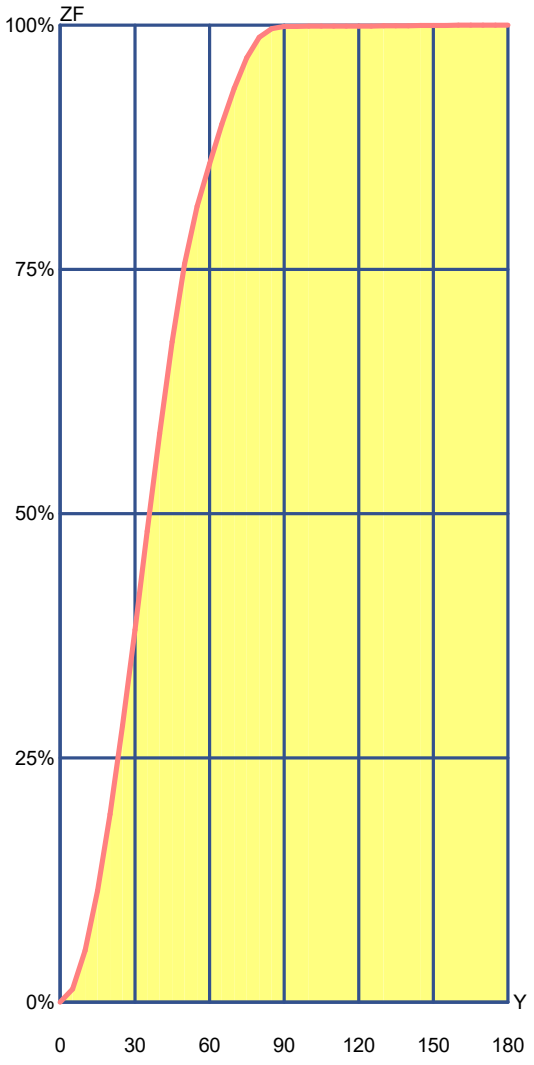
| RI | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DRR | 0.41 | 0.49 | 0.56 | 0.63 | 0.67 | 0.75 | 0.80 | 0.83 | 0.87 | 0.90 | 0.95 | 0.98 |
| RC | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |

Flujo Zonal por 1000 Lúmenes

| Y° | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZF(Y) | 53 | 192 | 381 | 582 | 756 | 858 | 935 | 987 | 999 | 999 | 999 | 999 | 999 | 999 | 1000 | 1000 | 1000 | 1000 |

Códigos de Flujo C.I.E.
61 86 97 100 100

| | | | |
|---|---|---|---|
| C.I.E. | 3/3/3/3/3/3/3/3/3/2/2 | LOR | 100.00000 % |
| D DIN 5040 | A50 | ULOR | 0.14322 % |
| F UTE | 1.00 C | DLOR | 99.85678 % |
| B NBN | BZ 3 | UFF | 0.14322 % |
| RN | 0.14322 % | DFF | 99.85678 % |
| BLF | 1.0 | FFR | 0.14342 % |



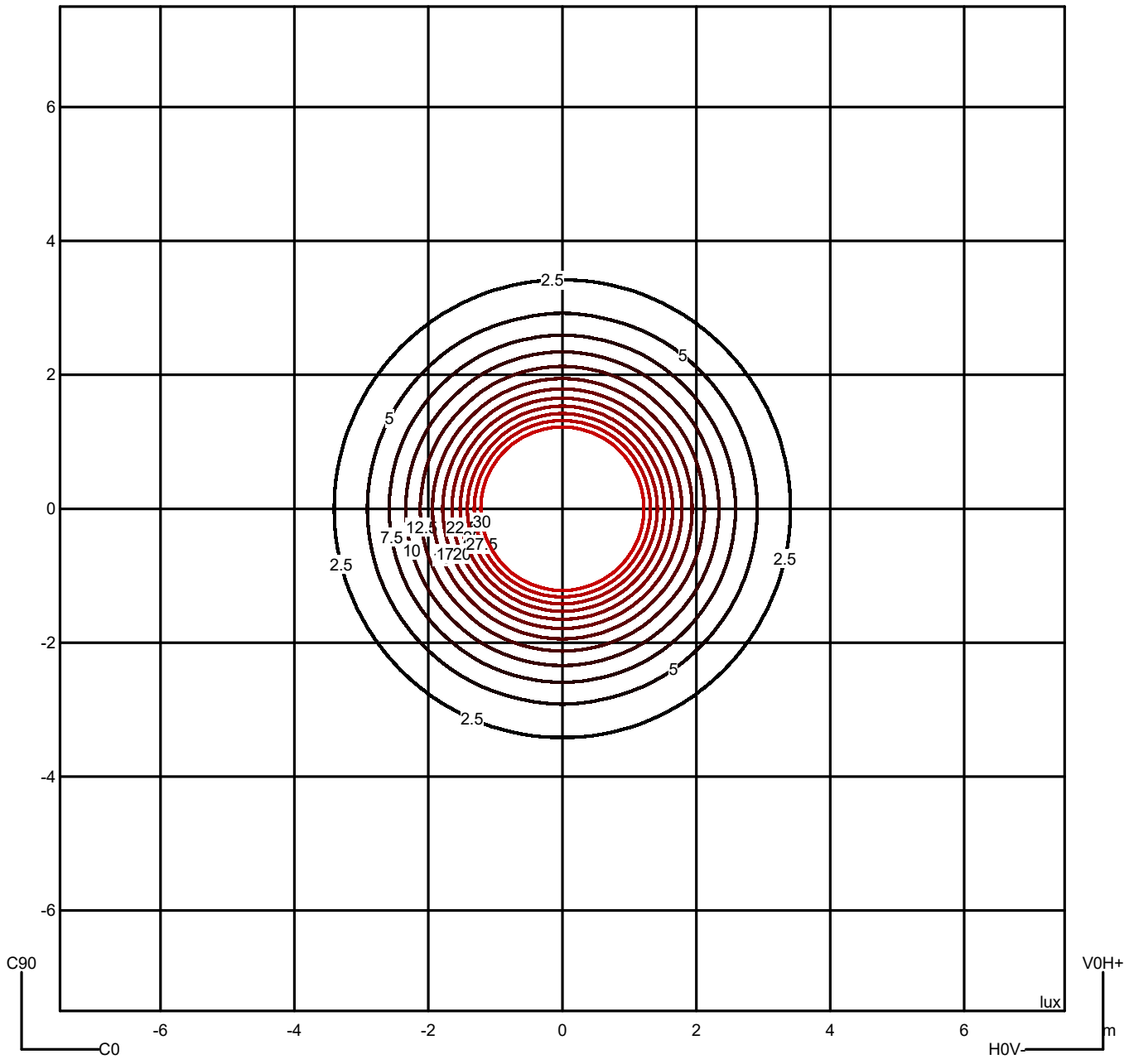

| Flujo Zonal | | | | |
|---|---|---|---|---|
| Gamma ° | Flujo | Suma lm | Flujo [%] | Suma [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 13.59 | 13.59 | 1.36 % | 1.36 % |
| 10° | 39.20 | 52.79 | 3.92 % | 5.28 % |
| 15° | 61.13 | 113.92 | 6.11 % | 11.39 % |
| 20° | 78.42 | 192.35 | 7.84 % | 19.23 % |
| 25° | 90.72 | 283.07 | 9.07 % | 28.31 % |
| 30° | 98.12 | 381.19 | 9.81 % | 38.12 % |
| 35° | 100.90 | 482.09 | 10.09 % | 48.21 % |
| 40° | 99.63 | 581.72 | 9.96 % | 58.17 % |
| 45° | 94.03 | 675.75 | 9.40 % | 67.57 % |
| 50° | 80.20 | 755.95 | 8.02 % | 75.59 % |
| 55° | 58.52 | 814.46 | 5.85 % | 81.45 % |
| 60° | 43.70 | 858.17 | 4.37 % | 85.82 % |
| 65° | 40.19 | 898.36 | 4.02 % | 89.84 % |
| 70° | 36.92 | 935.28 | 3.69 % | 93.53 % |
| 75° | 31.29 | 966.57 | 3.13 % | 96.66 % |
| 80° | 20.90 | 987.47 | 2.09 % | 98.75 % |
| 85° | 8.79 | 996.26 | 0.88 % | 99.63 % |
| 90° | 2.31 | 998.57 | 0.23 % | 99.86 % |
| 95° | 0.18 | 998.74 | 0.02 % | 99.87 % |
| 100° | 0.04 | 998.78 | 0.00 % | 99.88 % |
| 105° | 0.04 | 998.82 | 0.00 % | 99.88 % |
| 110° | 0.05 | 998.88 | 0.01 % | 99.89 % |
| 115° | 0.06 | 998.94 | 0.01 % | 99.89 % |
| 120° | 0.07 | 999.01 | 0.01 % | 99.90 % |
| 125° | 0.08 | 999.10 | 0.01 % | 99.91 % |
| 130° | 0.09 | 999.19 | 0.01 % | 99.92 % |
| 135° | 0.10 | 999.29 | 0.01 % | 99.93 % |
| 140° | 0.11 | 999.39 | 0.01 % | 99.94 % |
| 145° | 0.11 | 999.50 | 0.01 % | 99.95 % |
| 150° | 0.11 | 999.61 | 0.01 % | 99.96 % |
| 155° | 0.10 | 999.71 | 0.01 % | 99.97 % |
| 160° | 0.09 | 999.80 | 0.01 % | 99.98 % |
| 165° | 0.08 | 999.88 | 0.01 % | 99.99 % |
| 170° | 0.06 | 999.95 | 0.01 % | 99.99 % |
| 175° | 0.04 | 999.99 | 0.00 % | 100.00 % |
| 180° | 0.01 | 1000.00 | 0.00 % | 100.00 % |

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|---|---|---|---|---|---|---|---|
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| Source Flux | 643 lm | Maximum value | 369.59 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Isolux (Floor)

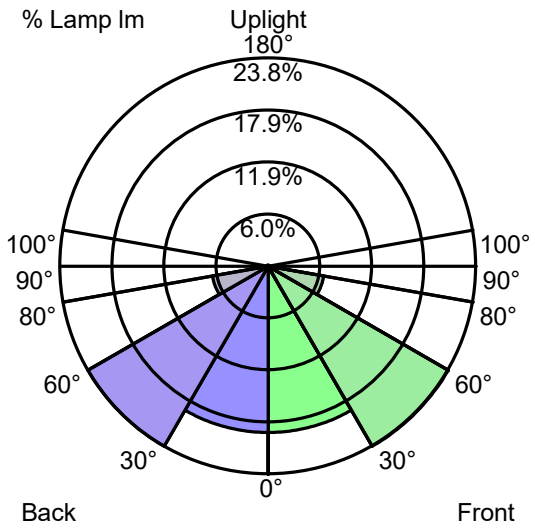
Luminaire position X=0.00m Y=0.00m Z=2.50m

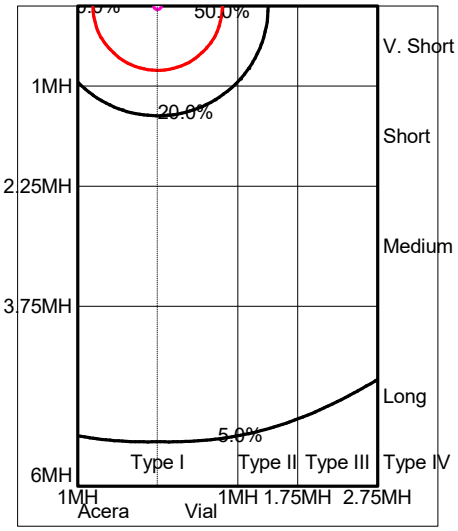


**Luminaire**
Code 36502204014U
Name FANALET S49 0-10V
**Measurem.**
Code CL092A24D016GP
Name FANALET S49 0-10V

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 643 lm | Luminaire Power | 30.4 W | Efficacy | 21.151 lm/W | Efficiency | 100.00% |
| Source Flux | 643 lm | Maximum value | 369.59 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

US ROAD STANDARDS




| Luminaire Classification System (LCS) | | | | |
|---|---|---|---|---|
| LCS Zone | | Lumens | %Lamp | %Lum |
| FL | 0° -- 30° | 122.6 lm | 19.1 % | 19.1 % |
| FM | 30° -- 60° | 153.3 lm | 23.8 % | 23.8 % |
| FH | 60° -- 80° | 41.7 lm | 6.5 % | 6.5 % |
| FVH | 80° -- 90° | 3.5 lm | 0.5 % | 0.5 % |
| BL | 0° -- 30° | 122.6 lm | 19.1 % | 19.1 % |
| BM | 30° -- 60° | 153.3 lm | 23.8 % | 23.8 % |
| BH | 60° -- 80° | 41.7 lm | 6.5 % | 6.5 % |
| BVH | 80° -- 90° | 3.5 lm | 0.5 % | 0.5 % |
| UL | 90° -- 100° | 0.1 lm | 0.0 % | 0.0 % |
| UH | 100° -- 180° | 0.8 lm | 0.1 % | 0.1 % |
| TOTALS | | 643.0 lm | 100.0 % | 100.0 % |
| BUG B1 U1 G0 | | Type V Very Short | | Quadrilateral Symmetry |

**Luminaire**
Code 36502204014U
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| Source Flux | 643 lm | Maximum value | 369.59 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

## Spectral Data

Std.: No import standard

| | | |
|---|---|---|
| CIE1931 | x =0.460526 | y =0.407983 |
| CIE1960 | u =0.264111 | v =0.350966 |
| CIE1976 | u'=0.264111 | v'=0.526449 |
| D(u,v) | 0.00102 | |

Color rendering index (CRI)
Color Rendering Components

CCT = [2670 K]*

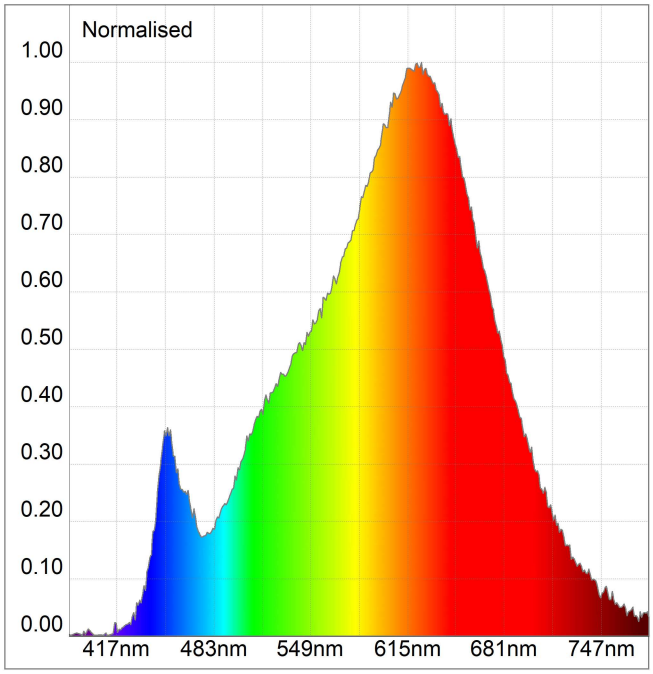
CRI8(Ra) [92.7]* CRI15(Rav) [90.2]*

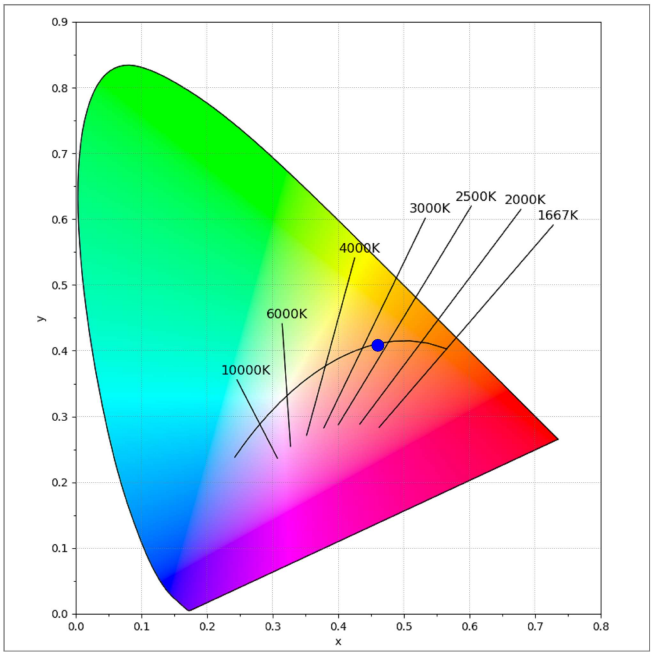
| | | | | |
|---|---|---|---|---|
| R 1: 93.1 | R 2: 97.3 | R 3: 98.5 | R 4: 92.7 | R 5: 93.2 |
| R 6: 96.9 | R 7: 90.3 | R 8: 79.6 | R 9: 56.9 | R10: 93.1 |
| R11: 94.2 | R12: 85.6 | R13: 94.4 | R14: 99.4 | R15: 88.5 |

## Spectral Distribution

| l(nm) | Normalised | l(nm) | Normalised | l(nm) | Normalised |
|---|---|---|---|---|---|
| 385.0 | 0.002683 | 391.0 | 0.004526 | 397.0 | 0.007630 |
| 403.0 | 0.001381 | 409.0 | 0.003208 | 415.0 | 0.004222 |
| 421.0 | 0.014687 | 427.0 | 0.019857 | 433.0 | 0.062791 |
| 439.0 | 0.120751 | 445.0 | 0.246869 | 451.0 | 0.348837 |
| 457.0 | 0.313059 | 463.0 | 0.250447 | 469.0 | 0.205725 |
| 475.0 | 0.172272 | 481.0 | 0.178354 | 487.0 | 0.205725 |
| 493.0 | 0.234347 | 499.0 | 0.271914 | 505.0 | 0.325581 |
| 511.0 | 0.368515 | 517.0 | 0.386404 | 523.0 | 0.423971 |
| 529.0 | 0.459750 | 535.0 | 0.466905 | 541.0 | 0.508050 |
| 547.0 | 0.529517 | 553.0 | 0.545617 | 559.0 | 0.588551 |
| 565.0 | 0.627907 | 571.0 | 0.660107 | 577.0 | 0.690519 |
| 583.0 | 0.745975 | 589.0 | 0.792487 | 595.0 | 0.846154 |
| 601.0 | 0.885510 | 607.0 | 0.944544 | 613.0 | 0.966011 |
| 619.0 | 0.985689 | 625.0 | 1.000000 | 631.0 | 0.974955 |
| 637.0 | 0.942755 | 643.0 | 0.908766 | 649.0 | 0.847943 |
| 655.0 | 0.785331 | 661.0 | 0.719141 | 667.0 | 0.642218 |
| 673.0 | 0.574240 | 679.0 | 0.516995 | 685.0 | 0.441860 |
| 691.0 | 0.391771 | 697.0 | 0.343470 | 703.0 | 0.286225 |
| 709.0 | 0.259392 | 715.0 | 0.202147 | 721.0 | 0.184258 |
| 727.0 | 0.133810 | 733.0 | 0.126834 | 739.0 | 0.116816 |
| 745.0 | 0.084794 | 751.0 | 0.087120 | 757.0 | 0.054919 |
| 763.0 | 0.056172 | 769.0 | 0.050805 | 775.0 | 0.032558 |

## Spectrum Graph

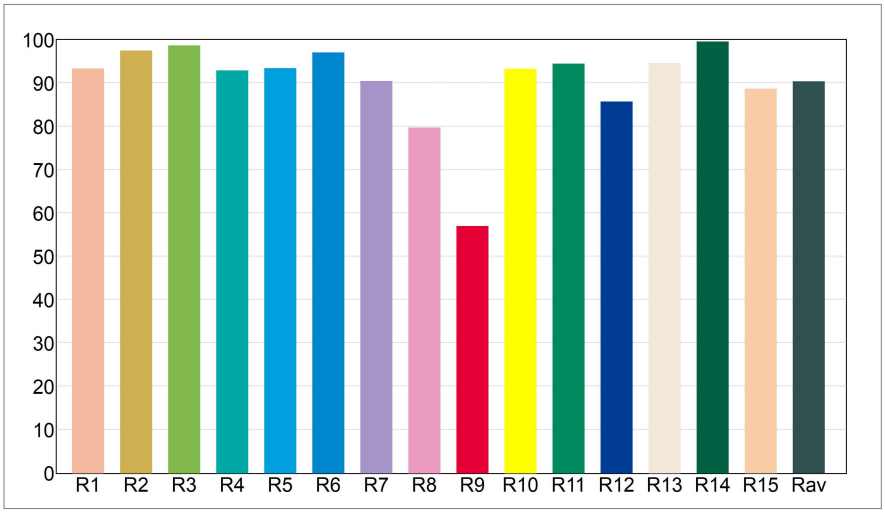


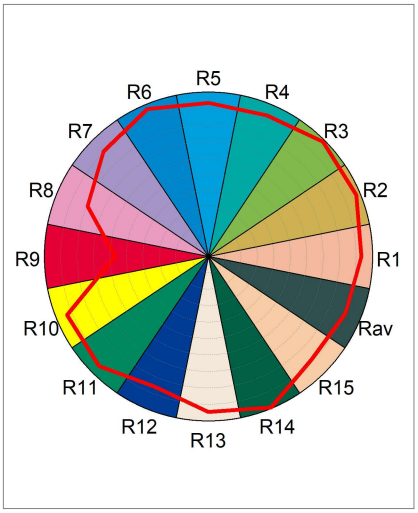



**Luminaire**
Code 36502204014U
Name FANALET S49 0-10V
**Measurem.**
Code CL092A24D016GP
Name FANALET S49 0-10V

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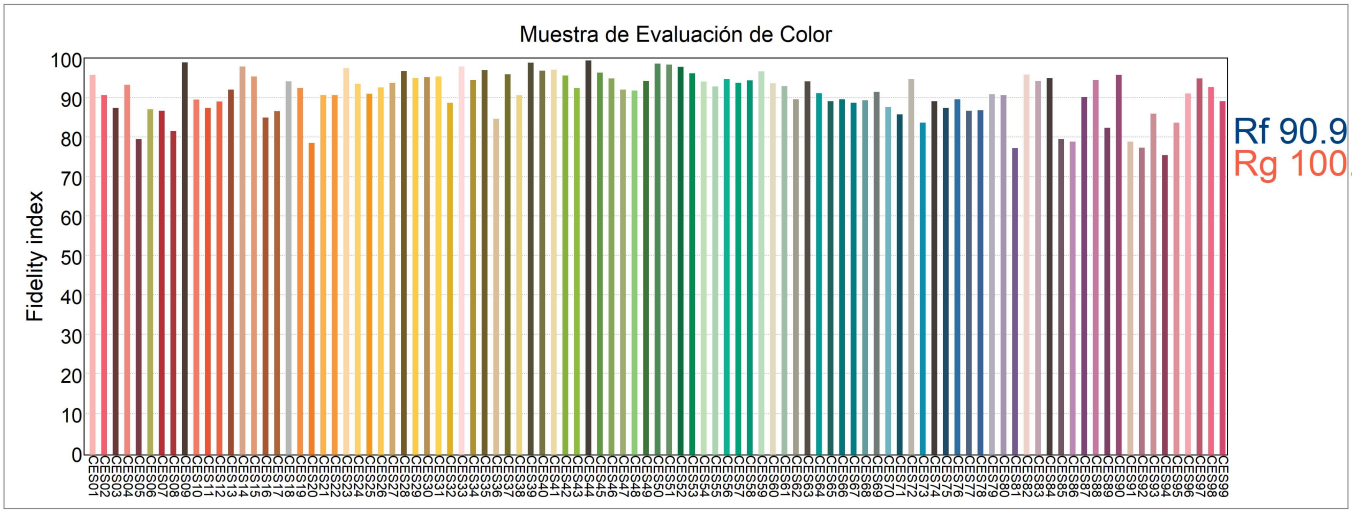
## CRI Graphs



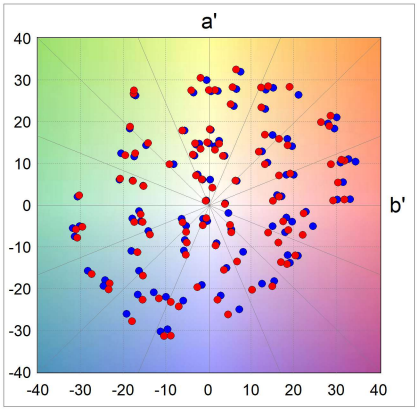



**Luminaire**
Code 36502204014U
Name FANALET S49 0-10V
**Measurem.**
Code CL092A24D016GP
Name FANALET S49 0-10V

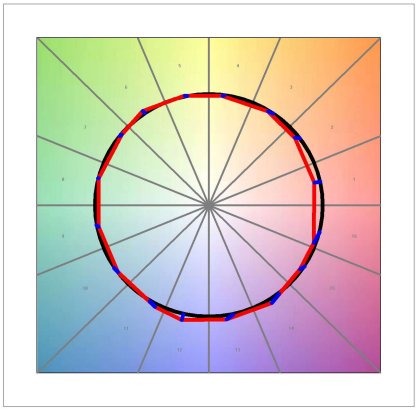
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 643 lm | Luminaire Power | 30.4 W | Efficacy | 21.151 lm/W | Efficiency | 100.00% |
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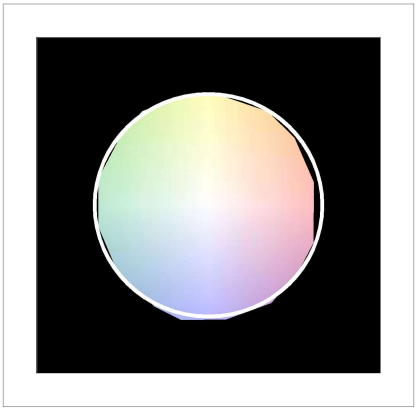

Chromatic Coordinates (a', b') 99 CES



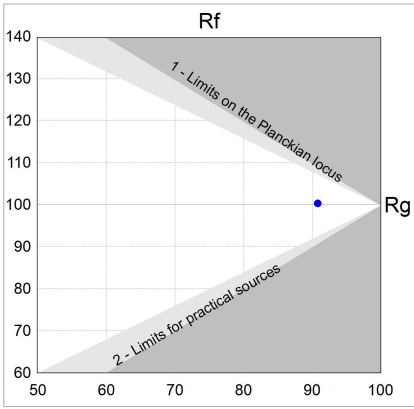

Color Vector Graphic



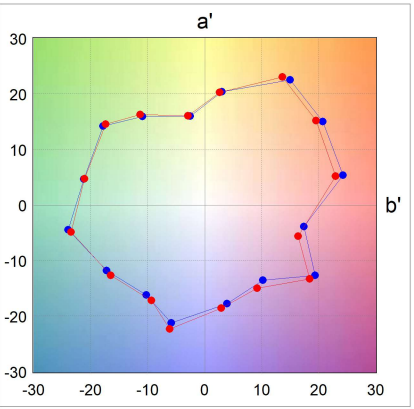
Color Distorsion Graphic



Rg vs Rf Plot




Gamut Polygon




Bin Deviation

