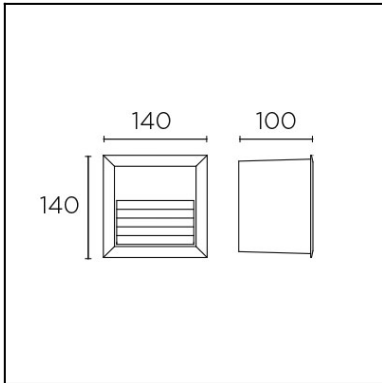
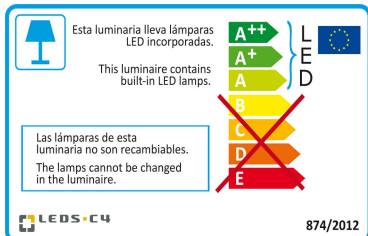




The photograph may not match the reference exactly. Please read the product description to identify the finish.



[Download photometric file .ldt /.ies](#)



[Click on image to download energy label](#)

### TECHNICAL CHARACTERISTICS

|                                     |                       |
|-------------------------------------|-----------------------|
| Type:                               | WALL RECESSED         |
| IP Protection degrees:              | IP65                  |
| Light source 1:                     | 18 x LED              |
| Bulb specified at the product label | 2W                    |
|                                     | Neutral white - 4000K |
|                                     | 198 lm <sup>(N)</sup> |
|                                     | CRI 70                |
| IK Protection degrees:              | IK10                  |
| Voltage / Frequency:                | 220-240VAC/50-60Hz    |
| Warranty:                           | 2                     |
| Option to extend the guarantee:     | 5                     |
| Units per box:                      | 20                    |
| Net Weight (Kg):                    | 0.535                 |
| EAN Code:                           | 8435381411527         |



### MATERIALS / FINISHES

**Structure material:** Injected aluminium

**Diffuser material:** Polycarbonate

**Structure finish:** Grey

**Diffuser finish:** Transparent

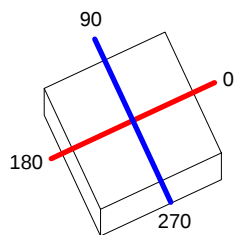
### GEAR

Gear included: Yes, electronic

|                                                    |                           |                     |                             |                |                |              |        |
|----------------------------------------------------|---------------------------|---------------------|-----------------------------|----------------|----------------|--------------|--------|
| <b>Luminaire</b>                                   |                           |                     | <b>Measurem.</b>            |                |                | <b>Lamp</b>  |        |
| Code                                               | 05-9770                   |                     | Code                        | 05-9770        |                | Code         | G02501 |
| Name                                               | RECESSED                  |                     | Name                        | RECESSED       |                | Number       | 1      |
| Line                                               | MICENAS                   |                     | Date                        | 29-06-2013     |                | Position     |        |
| Efficiency                                         |                           | 99.98%              | Coordinate system           |                | CG             | Total Flux   |        |
| Maximum value                                      |                           | 16.59 cd            | Position                    |                | C=0.00 G=70.00 | Asymmetrical |        |
| Rectangular Luminaire<br>Rectangular Luminous Area | Length                    | 1 mm                | Width                       | 1 mm           | Height         | 1 mm         |        |
|                                                    | Length                    | 1 mm                | Width                       | 1 mm           | Height         | 0 mm         |        |
|                                                    | Horizontal Luminous Area  | 0.000001 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°   |                             |                | 0.000000 m2    |              |        |
| Symmetry Type                                      | Asymmetrical              | Maximum Gamma Angle |                             |                | 90             |              |        |
| Measurement Distance                               | 0.00                      | Measurement Flux    |                             |                | 19.71 lm       |              |        |
| Operator                                           | 25.00 °C                  |                     |                             | Source voltage |                |              |        |
| Temperature                                        | 60.00 %                   |                     |                             | Source current |                |              |        |
| Humidity                                           |                           |                     |                             | Photocell      |                |              |        |
| Notes                                              |                           |                     |                             |                |                |              |        |

| Luminaire Lamps |        |    |    |     |     |            |                    |                                |          |      |
|-----------------|--------|----|----|-----|-----|------------|--------------------|--------------------------------|----------|------|
| Line            |        |    |    |     |     | Code       | Name               | Flux [lm]                      | Pow. [W] | Q.ty |
| IESNA-1995      |        |    |    |     |     | G02501     | Ed-á 3528 - 0.60 W | 19.71                          | 0.60     | 1    |
| C.I.E.          | 22     | 48 | 83 | 100 | 100 | D DIN 5040 |                    | A10                            |          |      |
| F UTE           | 1.00 J |    |    |     |     | B NBN      |                    | BZ 9 / 0.8 / BZ 8 / 2.5 / BZ 7 |          |      |

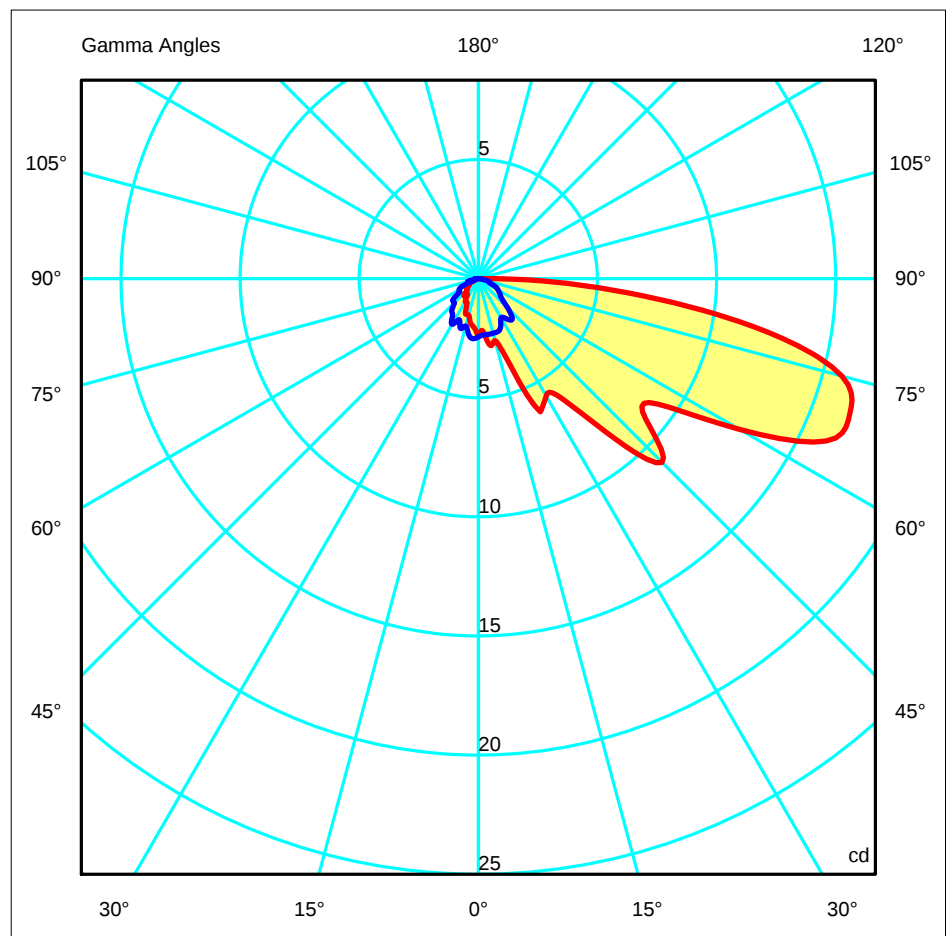
1mm x 1mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0

ULOR 0.00 %  
DLOR 99.98 %  
RN 0.00 %

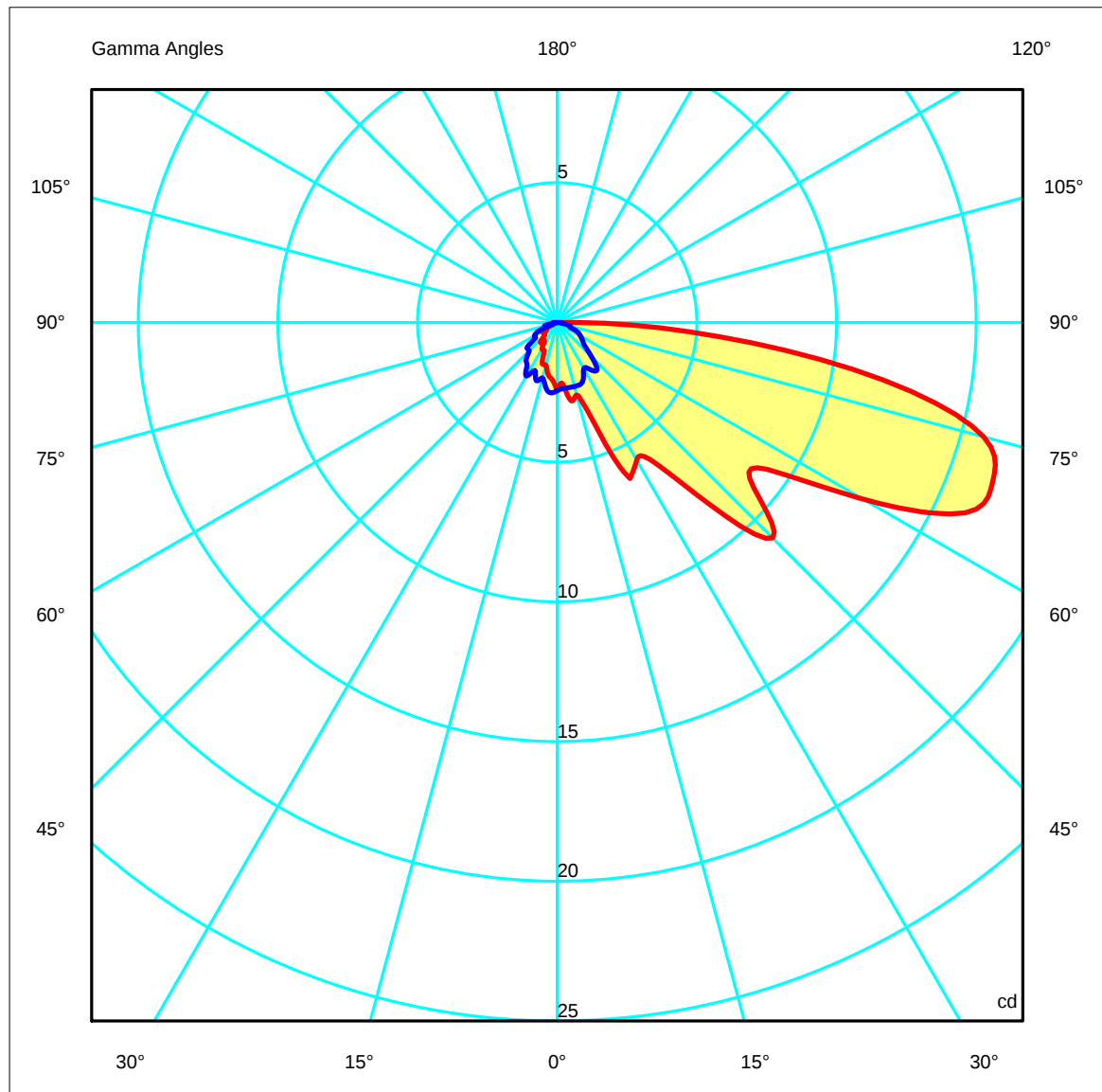
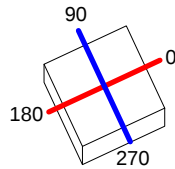


|                  |          |                   |            |             |          |
|------------------|----------|-------------------|------------|-------------|----------|
| <b>Luminaire</b> |          | <b>Measurem.</b>  |            | <b>Lamp</b> |          |
| Code             | 05-9770  | Code              | 05-9770    | Code        | G02501   |
| Name             | RECESSED | Name              | RECESSED   | Number      | 1        |
| Line             | MICENAS  | Date              | 29-06-2013 | Position    |          |
| Efficiency       | 99.98%   | Coordinate system | CG         | Total Flux  | 19.71 lm |

1mm x 1mm

C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0

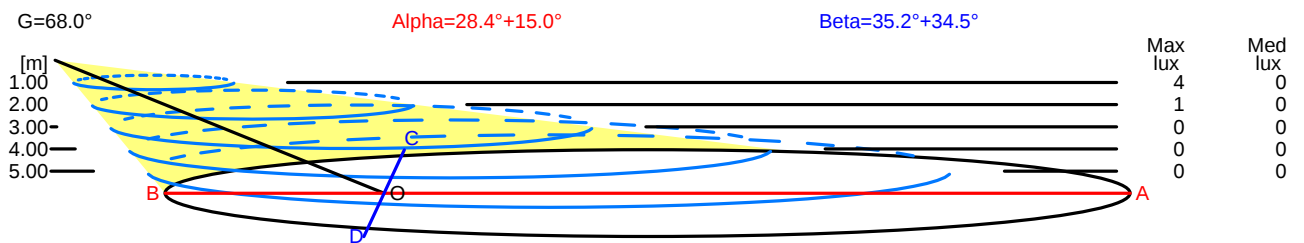


|                  |          |                   |            |             |          |
|------------------|----------|-------------------|------------|-------------|----------|
| <b>Luminaire</b> |          | <b>Measurem.</b>  |            | <b>Lamp</b> |          |
| Code             | 05-9770  | Code              | 05-9770    | Code        | G02501   |
| Name             | RECESSED | Name              | RECESSED   | Number      | 1        |
| Line             | MICENAS  | Date              | 29-06-2013 | Position    |          |
| Efficiency       | 99.98%   | Coordinate system | CG         | Total Flux  | 19.71 lm |

Width at 50.00 % of MaxLux

| 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   | 5.61 | 11.22 | 16.84 | 22.45 | 28.06 | OC   | 1.88 | 3.77 | 5.65 | 7.53 | 9.41 |
| OB   | 1.65 | 3.29  | 4.94  | 6.59  | 8.23  | OD   | 1.84 | 3.67 | 5.51 | 7.35 | 9.19 |

|    | Luminous Intensities [ cd ] |      |      |      |      |       |      |       |       |      |
|----|-----------------------------|------|------|------|------|-------|------|-------|-------|------|
|    | 0                           | 5    | 15   | 25   | 35   | 45    | 55   | 65    | 75    | 85   |
| OA | 2.43                        | 2.21 | 2.69 | 6.16 | 6.16 | 10.90 | 9.16 | 16.12 | 15.80 | 5.85 |
| OB | 2.43                        | 2.05 | 1.58 | 1.11 | 0.79 | 0.63  | 0.47 | 0.16  | 0.16  | 0.16 |
| OC | 2.43                        | 2.37 | 2.37 | 2.21 | 2.05 | 1.74  | 1.11 | 0.79  | 0.47  | 0.16 |
| OD | 2.43                        | 2.53 | 2.05 | 1.90 | 1.90 | 1.42  | 0.95 | 0.79  | 0.47  | 0.16 |



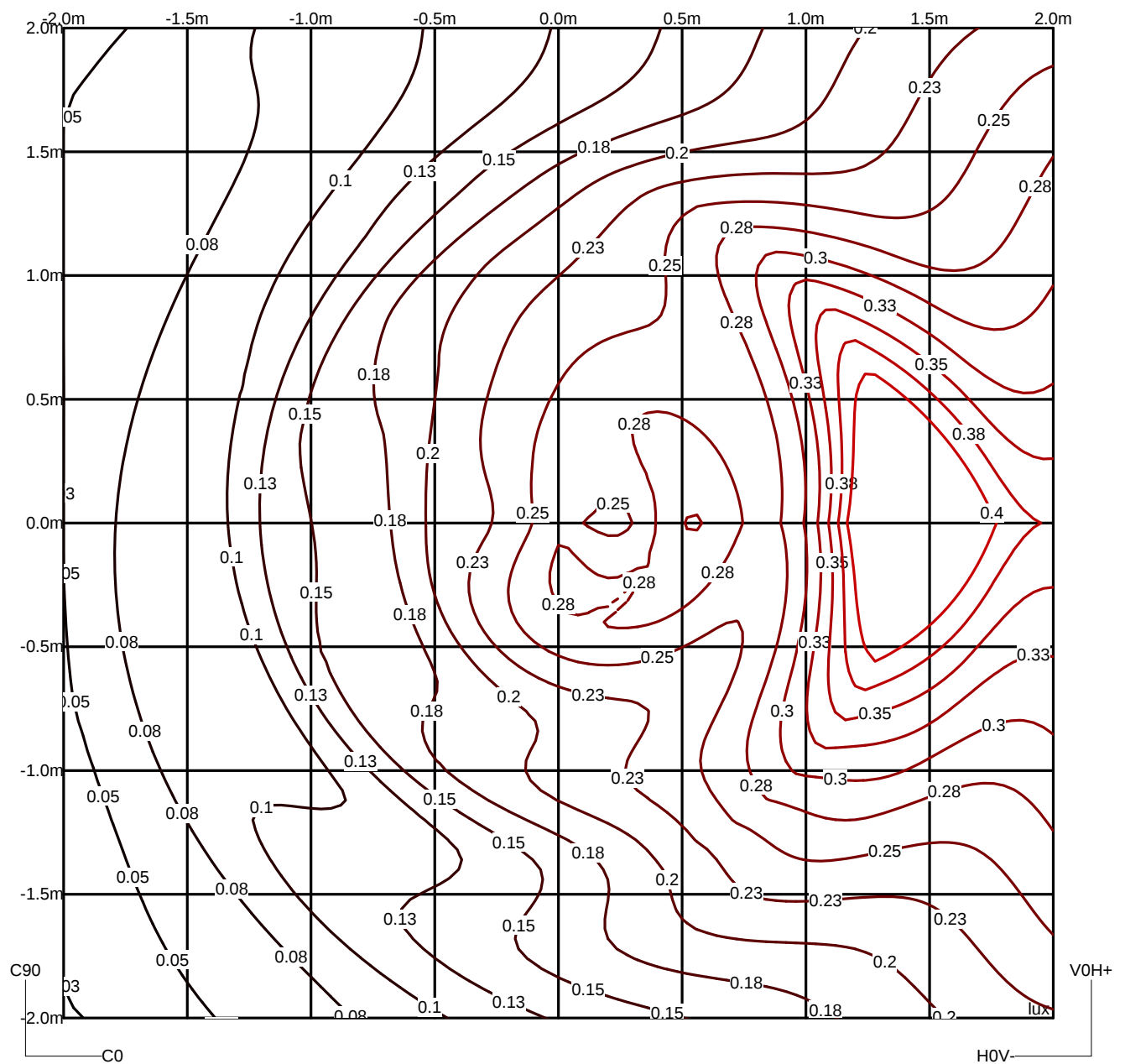
| H[m] | D[m]  | Max lux | Med lux | Alpha=28.4°+15.0° | G=68.0 |
|------|-------|---------|---------|-------------------|--------|
| 1.00 | 7.26  | 4       | 0       |                   |        |
| 2.00 | 14.52 | 1       | 0       |                   |        |
| 3.00 | 21.78 | 0       | 0       |                   |        |
| 4.00 | 29.03 | 0       | 0       |                   |        |
| 5.00 | 36.29 | 0       | 0       |                   |        |

| H[m] | D[m]  | Max lux | Med lux | Beta=34.5°+35.2° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 3.72  | 4       | 0       |                  |       |
| 2.00 | 7.44  | 1       | 0       |                  |       |
| 3.00 | 11.16 | 0       | 0       |                  |       |
| 4.00 | 14.88 | 0       | 0       |                  |       |
| 5.00 | 18.60 | 0       | 0       |                  |       |

|                  |          |                   |            |             |          |
|------------------|----------|-------------------|------------|-------------|----------|
| <b>Luminaire</b> |          | <b>Measur.</b>    |            | <b>Lamp</b> |          |
| Code             | 05-9770  | Code              | 05-9770    | Code        | G02501   |
| Name             | RECESSED | Name              | RECESSED   | Number      | 1        |
| Line             | MICENAS  | Date              | 29-06-2013 | Position    |          |
| Efficiency       | 99.98%   | Coordinate system | CG         | Total Flux  | 19.71 lm |

Isolux (Floor)

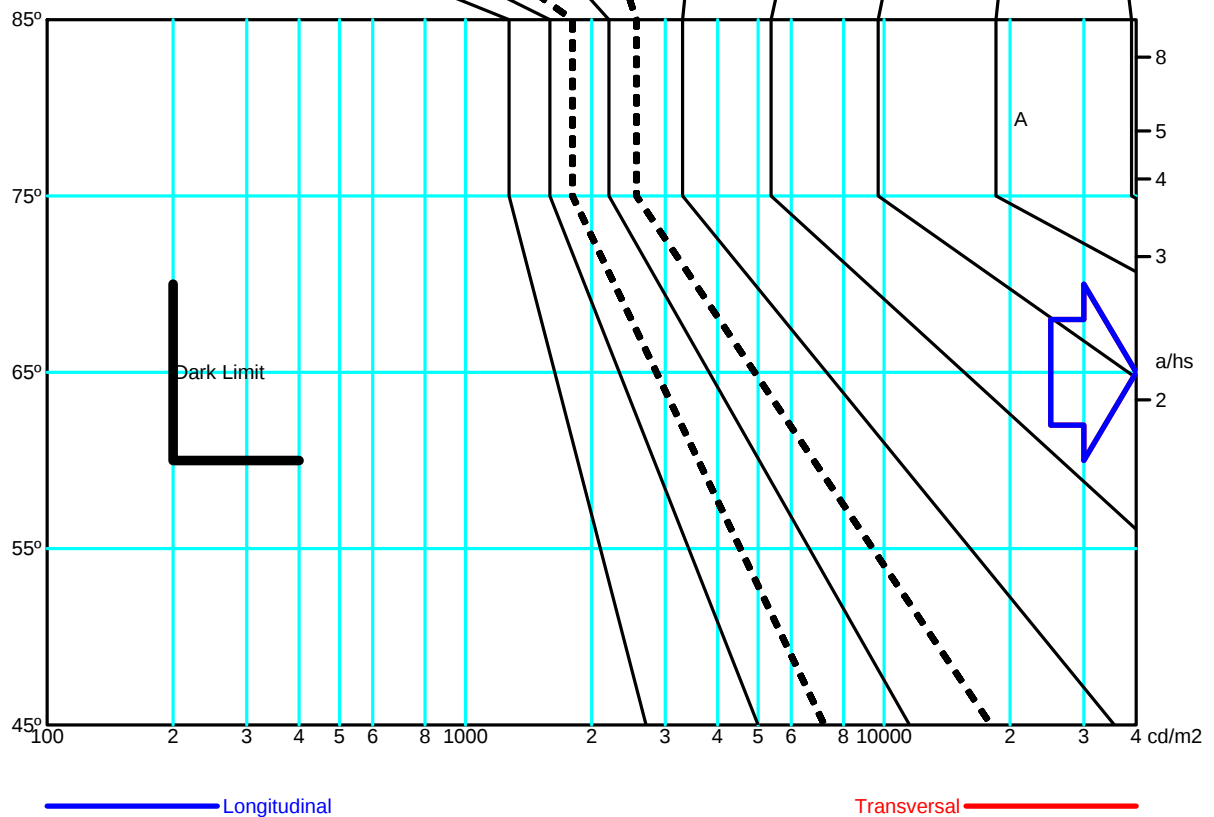
Luminaire position X=0.00m Y=0.00m Z=3.00m



|                  |          |                   |            |             |          |
|------------------|----------|-------------------|------------|-------------|----------|
| <b>Luminaire</b> |          | <b>Measur.</b>    |            | <b>Lamp</b> |          |
| Code             | 05-9770  | Code              | 05-9770    | Code        | G02501   |
| Name             | RECESSED | Name              | RECESSED   | Number      | 1        |
| Line             | MICENAS  | Date              | 29-06-2013 | Position    |          |
| Efficiency       | 99.98%   | Coordinate system | CG         | Total Flux  | 19.71 lm |

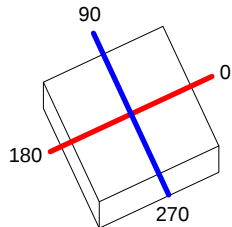
|       | 45°      | 50°      | 55°      | 60°      | 65°      | 70°      | 75°      | 80°      | 85°      |     |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|
| 0.0°  | 15418181 | 14257120 | 15977469 | 25280800 | 38134888 | 48507377 | 61048444 | 68243734 | 67077622 | --- |
| 90.0° | 2458045  | 1966435  | 1928252  | 1896000  | 1869299  | 1385883  | 1831395  | 909886   | 1812847  | --- |

| Flush mounted or longitudinal view |   |                  |      |      |      |     |      |      |      |      |      |      |
|------------------------------------|---|------------------|------|------|------|-----|------|------|------|------|------|------|
|                                    |   | Illumination(lx) |      |      |      |     |      |      |      |      |      |      |
| A                                  | A | 2000             | 1000 | 750  | 500  |     | <300 |      |      |      |      | 1.15 |
| B                                  | 1 |                  | 2000 | 1500 | 1000 | 750 | 500  | <300 |      |      |      | 1.5  |
| C                                  |   |                  |      |      | 2000 |     | 1000 | 500  | <300 |      |      | 1.85 |
| D                                  | 2 |                  |      |      |      |     | 2000 | 1000 | 500  | <300 |      | 2.2  |
| E                                  | 3 |                  |      |      |      |     |      | 2000 | 1000 | 500  | <300 | 2.55 |



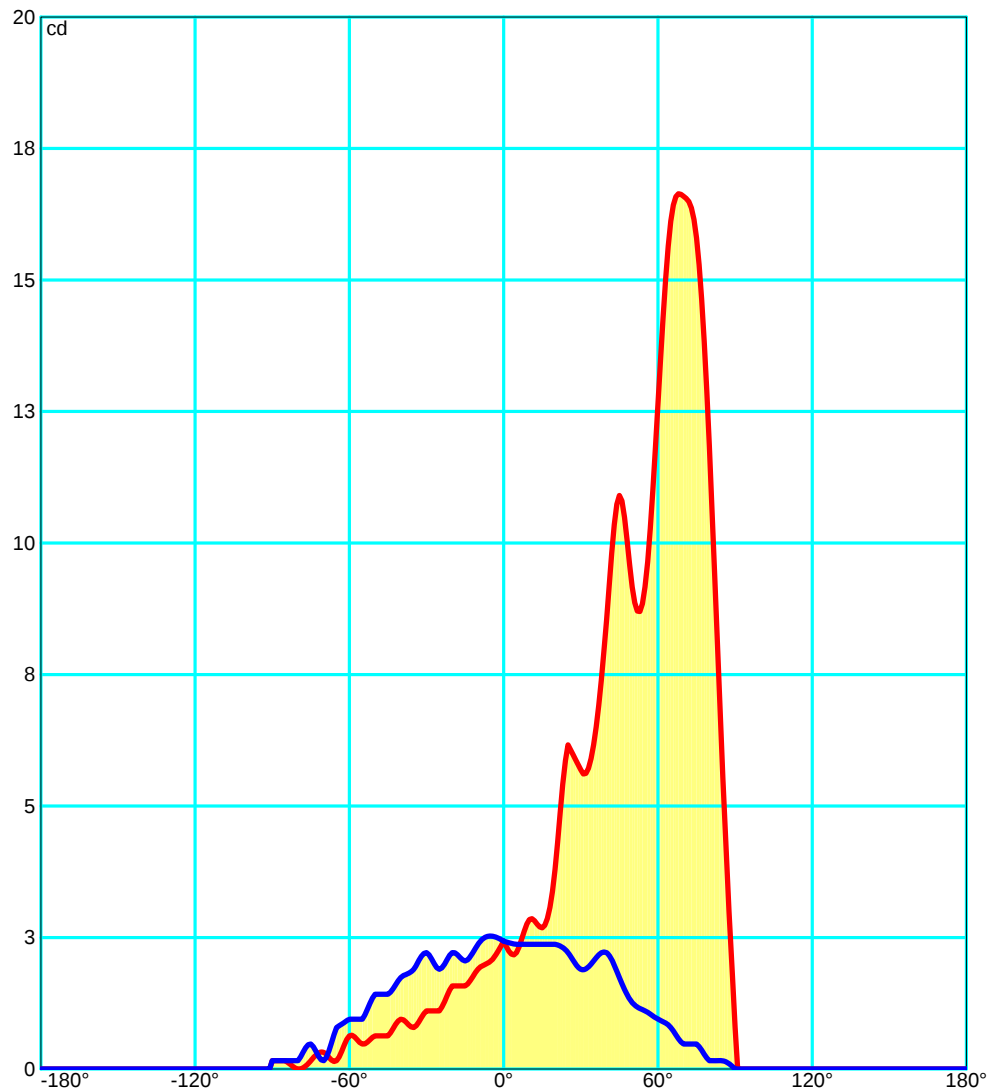
|                  |          |                   |            |             |          |
|------------------|----------|-------------------|------------|-------------|----------|
| <b>Luminaire</b> |          | <b>Measurem.</b>  |            | <b>Lamp</b> |          |
| Code             | 05-9770  | Code              | 05-9770    | Code        | G02501   |
| Name             | RECESSED | Name              | RECESSED   | Number      | 1        |
| Line             | MICENAS  | Date              | 29-06-2013 | Position    |          |
| Efficiency       | 99.98%   | Coordinate system | CG         | Total Flux  | 19.71 lm |

1mm x 1mm



C Halfplanes

180.0 — 0.0  
270.0 — 90.0



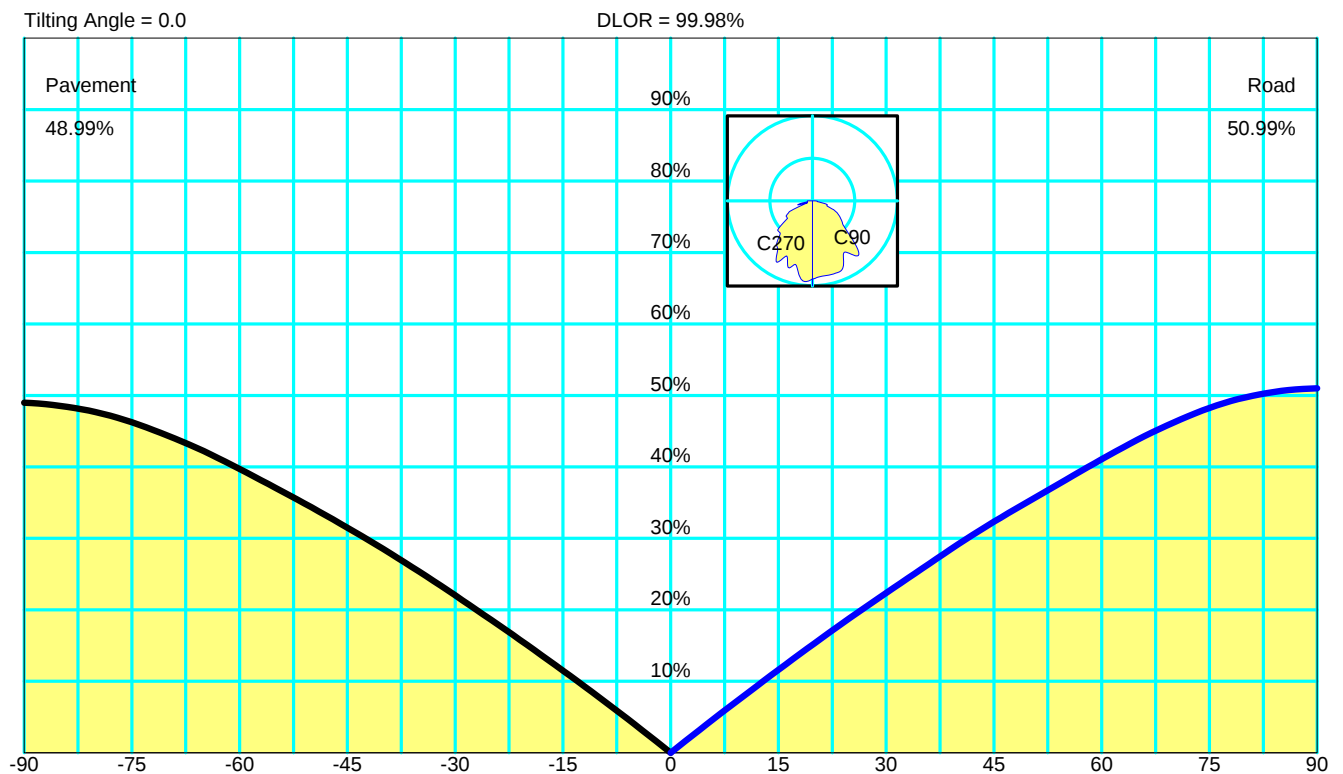
|                  |          |                   |            |             |          |
|------------------|----------|-------------------|------------|-------------|----------|
| <b>Luminaire</b> |          | <b>Measurem.</b>  |            | <b>Lamp</b> |          |
| Code             | 05-9770  | Code              | 05-9770    | Code        | G02501   |
| Name             | RECESSED | Name              | RECESSED   | Number      | 1        |
| Line             | MICENAS  | Date              | 29-06-2013 | Position    |          |
| Efficiency       | 99.98%   | Coordinate system | CG         | Total Flux  | 19.71 lm |

**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  |
| WorkingPlane   | 0.2             | 0.2  | 0.2  | 0.2  | 0.2  | 0.2           | 0.2  | 0.2  | 0.2  | 0.2  |
| RoomDimensions | ViewedCrosswise |      |      |      |      | ViewedEndwise |      |      |      |      |
| x=2H y=2H      | 29.7            | 31.5 | 30.0 | 31.7 | 41.1 | 38.8          | 40.6 | 39.1 | 40.8 | 41.1 |
| x=2H y=3H      | 30.7            | 32.3 | 31.0 | 32.6 | 42.6 | 40.4          | 42.0 | 40.8 | 42.3 | 42.6 |
| x=2H y=4H      | 31.3            | 32.9 | 31.7 | 33.2 | 43.4 | 41.2          | 42.7 | 41.6 | 43.0 | 43.4 |
| x=2H y=6H      | 31.3            | 32.7 | 31.6 | 33.1 | 43.8 | 41.6          | 43.1 | 42.0 | 43.4 | 43.8 |
| x=2H y=8H      | 31.3            | 32.7 | 31.7 | 33.1 | 43.8 | 41.7          | 43.1 | 42.1 | 43.5 | 43.8 |
| x=2H y=12H     | 32.0            | 33.4 | 32.4 | 33.8 | 43.9 | 41.8          | 43.2 | 42.2 | 43.5 | 43.9 |
| x=4H y=2H      | 30.4            | 31.9 | 30.8 | 32.2 | 45.8 | 43.6          | 45.2 | 44.0 | 45.5 | 45.8 |
| x=4H y=3H      | 31.6            | 33.0 | 32.1 | 33.4 | 47.5 | 45.4          | 46.8 | 45.9 | 47.2 | 47.5 |
| x=4H y=4H      | 32.3            | 33.6 | 32.8 | 34.0 | 48.4 | 46.3          | 47.6 | 46.8 | 48.0 | 48.4 |
| x=4H y=6H      | 32.3            | 33.4 | 32.8 | 33.8 | 48.8 | 46.9          | 48.0 | 47.3 | 48.4 | 48.8 |
| x=4H y=8H      | 32.4            | 33.4 | 32.8 | 33.8 | 48.8 | 47.0          | 48.0 | 47.4 | 48.4 | 48.8 |
| x=4H y=12H     | 33.4            | 34.3 | 33.8 | 34.7 | 48.9 | 47.0          | 48.0 | 47.5 | 48.4 | 48.9 |
| x=8H y=4H      | 32.7            | 33.8 | 33.2 | 34.2 | 51.5 | 49.7          | 50.7 | 50.1 | 51.1 | 51.5 |
| x=8H y=6H      | 32.8            | 33.6 | 33.2 | 34.1 | 52.2 | 50.4          | 51.3 | 50.9 | 51.7 | 52.2 |
| x=8H y=8H      | 32.9            | 33.7 | 33.4 | 34.2 | 52.3 | 50.6          | 51.4 | 51.1 | 51.8 | 52.3 |
| x=8H y=12H     | 34.3            | 34.9 | 34.8 | 35.4 | 52.4 | 50.7          | 51.4 | 51.2 | 51.9 | 52.4 |
| x=12H y=4H     | 32.7            | 33.7 | 33.2 | 34.1 | 52.2 | 50.4          | 51.4 | 50.9 | 51.8 | 52.2 |
| x=12H y=6H     | 32.8            | 33.6 | 33.3 | 34.1 | 53.1 | 51.4          | 52.1 | 51.9 | 52.6 | 53.1 |
| x=12H y=8H     | 33.1            | 33.8 | 33.6 | 34.2 | 53.3 | 51.7          | 52.4 | 52.2 | 52.8 | 53.3 |

|                  |          |                   |            |             |          |
|------------------|----------|-------------------|------------|-------------|----------|
| <b>Luminaire</b> |          | <b>Measur.</b>    |            | <b>Lamp</b> |          |
| Code             | 05-9770  | Code              | 05-9770    | Code        | G02501   |
| Name             | RECESSED | Name              | RECESSED   | Number      | 1        |
| Line             | MICENAS  | Date              | 29-06-2013 | Position    |          |
| Efficiency       | 99.98%   | Coordinate system | CG         | Total Flux  | 19.71 lm |

| Pavement |     |        | Road  |    |        |
|----------|-----|--------|-------|----|--------|
| Piano    | 0   | 0.00%  | Piano | 0  | 0.00%  |
| Piano    | -5  | 3.96%  | Piano | 5  | 3.96%  |
| Piano    | -10 | 7.79%  | Piano | 10 | 7.82%  |
| Piano    | -15 | 11.49% | Piano | 15 | 11.60% |
| Piano    | -20 | 15.11% | Piano | 20 | 15.30% |
| Piano    | -25 | 18.60% | Piano | 25 | 18.89% |
| Piano    | -30 | 22.03% | Piano | 30 | 22.35% |
| Piano    | -35 | 25.34% | Piano | 35 | 25.77% |
| Piano    | -40 | 28.50% | Piano | 40 | 29.15% |
| Piano    | -45 | 31.49% | Piano | 45 | 32.33% |
| Piano    | -50 | 34.35% | Piano | 50 | 35.28% |
| Piano    | -55 | 37.06% | Piano | 55 | 38.18% |
| Piano    | -60 | 39.71% | Piano | 60 | 41.07% |
| Piano    | -65 | 42.21% | Piano | 65 | 43.81% |
| Piano    | -70 | 44.37% | Piano | 70 | 46.21% |
| Piano    | -75 | 46.24% | Piano | 75 | 48.25% |
| Piano    | -80 | 47.66% | Piano | 80 | 49.73% |
| Piano    | -85 | 48.54% | Piano | 85 | 50.63% |
| Piano    | -90 | 48.99% | Piano | 90 | 50.99% |



|                                       |                                      |                          |            |
|---------------------------------------|--------------------------------------|--------------------------|------------|
| Spread                                | 20.1° Narrow                         | DLOR                     | 99.98414 % |
| Throw                                 | 69.7° Intermediate                   | ULOR                     | 0.00000 %  |
| SLI (glare)                           | 2.7 Moderate                         | Efficiency               | 99.98414 % |
| CIE Cutoff                            | Non Cutoff - Max: C=0.0° Gamma=70.0° | RN                       | 0.00000 %  |
| IESNA Cutoff                          | Non Cutoff                           | Luminous Intensity Class | GU         |
| DIN5044                               | --                                   | Glare Index              | D0         |
| IESNA Type II Very Short Asymmetrical |                                      |                          |            |

|                  |          |                   |            |             |          |
|------------------|----------|-------------------|------------|-------------|----------|
| <b>Luminaire</b> |          | <b>Measurem.</b>  |            | <b>Lamp</b> |          |
| Code             | 05-9770  | Code              | 05-9770    | Code        | G02501   |
| Name             | RECESSED | Name              | RECESSED   | Number      | 1        |
| Line             | MICENAS  | Date              | 29-06-2013 | Position    |          |
| Efficiency       | 99.98%   | Coordinate system | CG         | Total Flux  | 19.71 lm |

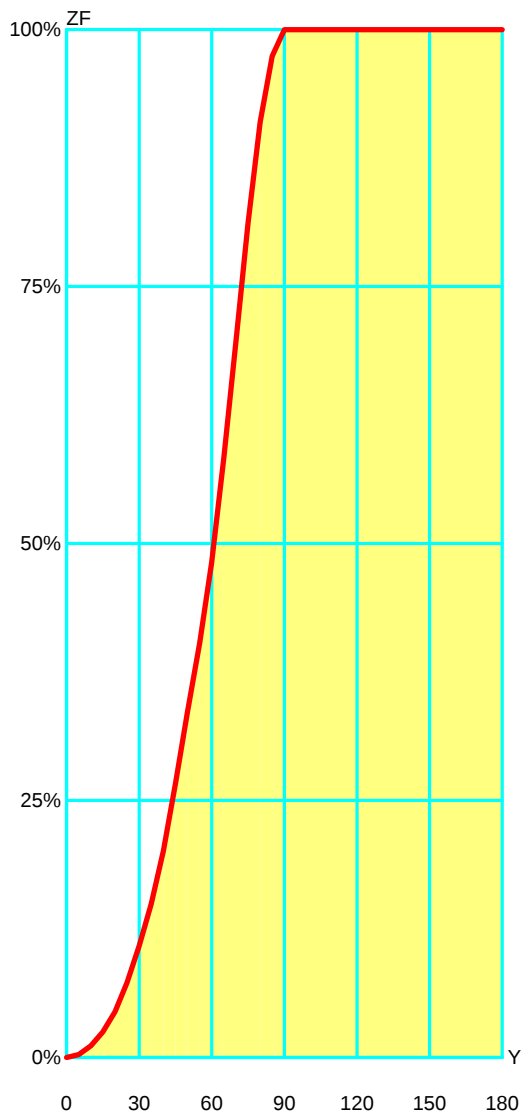
Total Flux= 19.71 Luminaire Flux= 19.71

|     |      |      |      |      |      |      |      |      |      |      |       |       |
|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|
| 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 | 0.15 | 0.20 | 0.25 | 0.32 | 0.38 | 0.47 | 0.54 | 0.60 | 0.68 | 0.73 | 0.86  | 0.93  |
| RC  | 9    | 9    | 9    | 9    | 9    | 9    | 8    | 8    | 8    | 8    | 7     | 7     |

|       |                           |    |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |
|-------|---------------------------|----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
|       | Zonal Flux per 1000 Lumen |    |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |
| Y°    | 10                        | 20 | 30  | 40  | 50  | 60  | 70  | 80  | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  |
| ZF(Y) | 11                        | 44 | 109 | 201 | 337 | 482 | 697 | 910 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

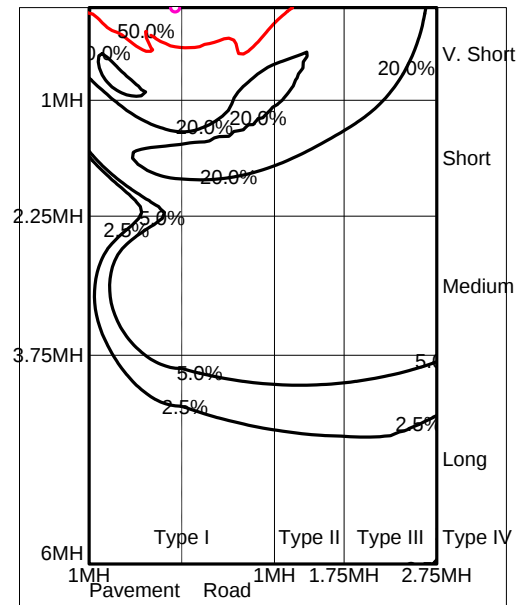
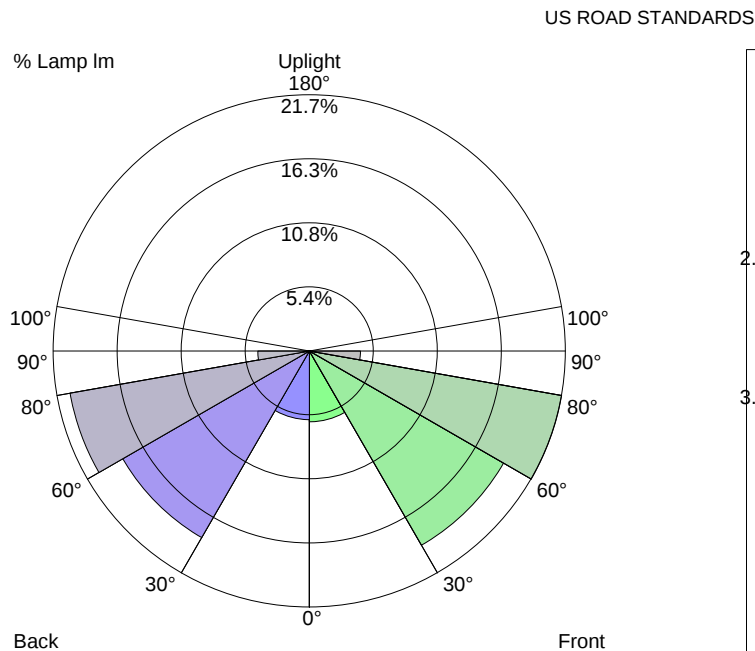
CIE Flux Codes  
22 48 83 100 100

|            |                                |      |             |
|------------|--------------------------------|------|-------------|
| C.I.E.     | 9/9/9/9/9/8/8/8/7/7            | LOR  | 99.98414 %  |
| D DIN 5040 | A10                            | ULOR | 0.00000 %   |
| F UTE      | 1.00 J                         | DLOR | 99.98414 %  |
| B NBN      | BZ 9 / 0.8 / BZ 8 / 2.5 / BZ 7 | UFF  | 0.00000 %   |
| RN         | 0.00000 %                      | DFF  | 100.00000 % |
| BLF        | 1.0                            | FFR  | 0.00000 %   |

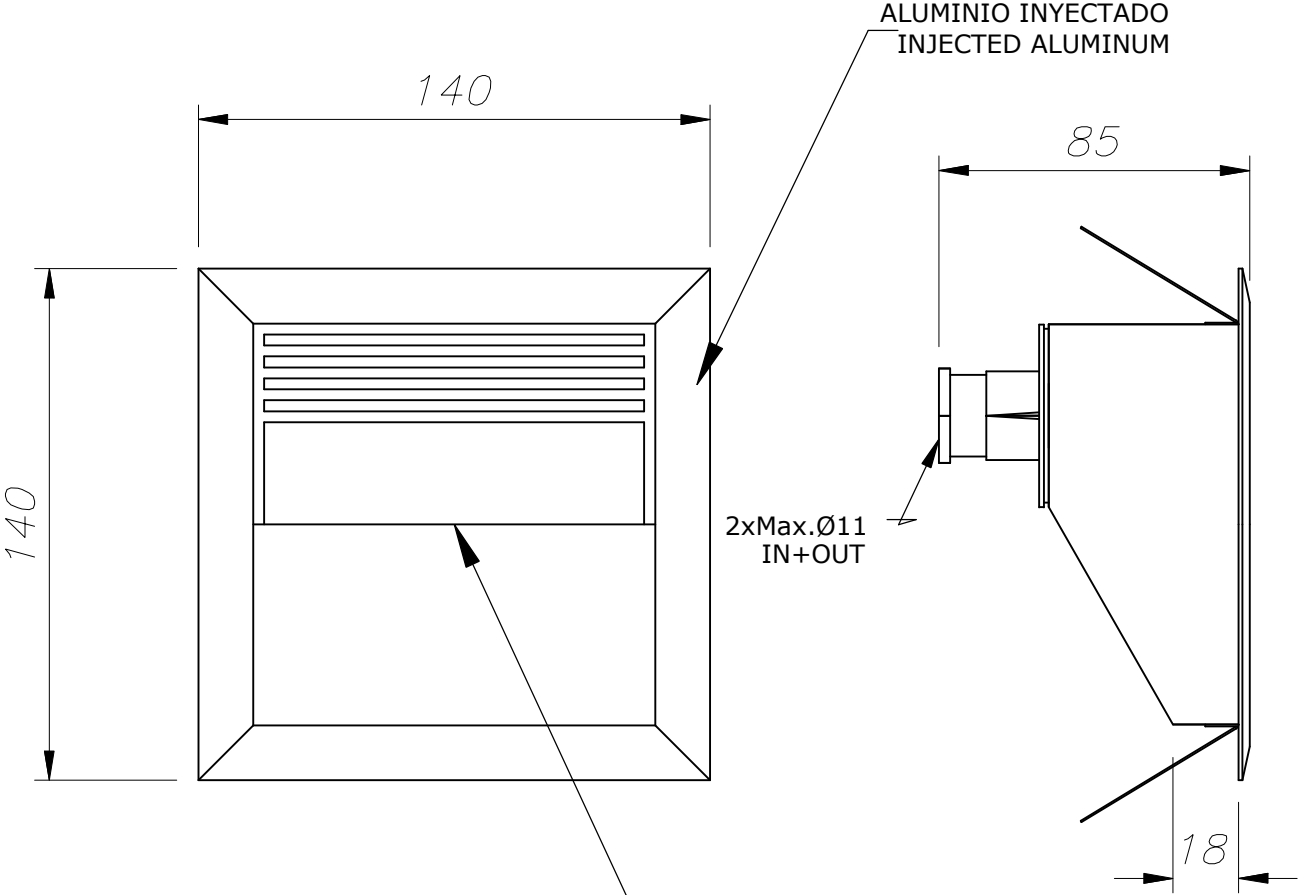


| Zonal Flux |        |        |          |          |
|------------|--------|--------|----------|----------|
| Gamma °    | Flux   | Sum lm | Flux [%] | Sum [%]  |
| 0°         | 0.00   | 0.00   | 0.00 %   | 0.00 %   |
| 5°         | 2.87   | 2.87   | 0.29 %   | 0.29 %   |
| 10°        | 8.46   | 11.33  | 0.85 %   | 1.13 %   |
| 15°        | 13.67  | 25.00  | 1.37 %   | 2.50 %   |
| 20°        | 19.49  | 44.49  | 1.95 %   | 4.45 %   |
| 25°        | 28.38  | 72.86  | 2.84 %   | 7.29 %   |
| 30°        | 35.76  | 108.62 | 3.58 %   | 10.86 %  |
| 35°        | 40.73  | 149.35 | 4.07 %   | 14.94 %  |
| 40°        | 51.49  | 200.84 | 5.15 %   | 20.09 %  |
| 45°        | 66.05  | 266.90 | 6.61 %   | 26.69 %  |
| 50°        | 69.65  | 336.55 | 6.97 %   | 33.66 %  |
| 55°        | 66.67  | 403.22 | 6.67 %   | 40.33 %  |
| 60°        | 78.75  | 481.97 | 7.88 %   | 48.20 %  |
| 65°        | 101.83 | 583.80 | 10.18 %  | 58.39 %  |
| 70°        | 113.67 | 697.47 | 11.37 %  | 69.76 %  |
| 75°        | 114.20 | 811.67 | 11.42 %  | 81.18 %  |
| 80°        | 98.67  | 910.34 | 9.87 %   | 91.05 %  |
| 85°        | 63.71  | 974.05 | 6.37 %   | 97.42 %  |
| 90°        | 25.79  | 999.84 | 2.58 %   | 100.00 % |
| 95°        | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 100°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 105°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 110°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 115°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 120°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 125°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 130°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 135°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 140°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 145°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 150°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 155°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 160°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 165°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 170°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 175°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |
| 180°       | 0.00   | 999.84 | 0.00 %   | 100.00 % |

|                  |          |                   |            |             |          |
|------------------|----------|-------------------|------------|-------------|----------|
| <b>Luminaire</b> |          | <b>Measur.</b>    |            | <b>Lamp</b> |          |
| Code             | 05-9770  | Code              | 05-9770    | Code        | G02501   |
| Name             | RECESSED | Name              | RECESSED   | Number      | 1        |
| Line             | MICENAS  | Date              | 29-06-2013 | Position    |          |
| Efficiency       | 99.98%   | Coordinate system | CG         | Total Flux  | 19.71 lm |

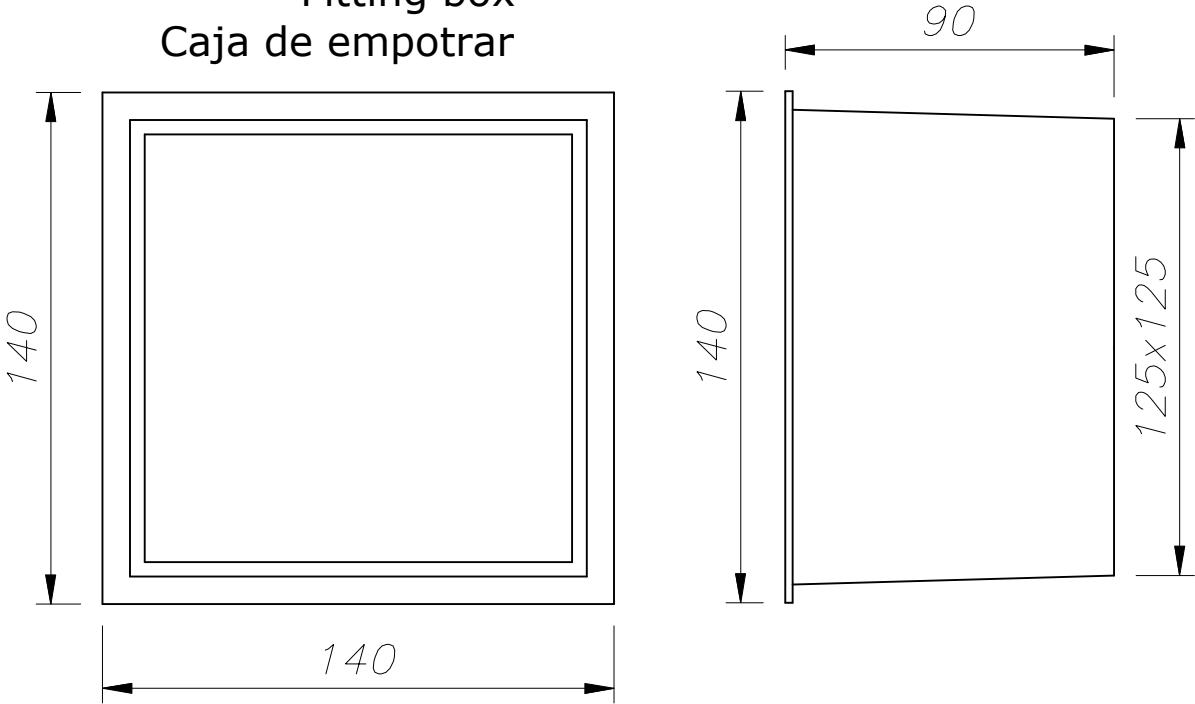


| Luminaire Classification System (LCS)        |              |         |         |         |
|----------------------------------------------|--------------|---------|---------|---------|
| LCS Zone                                     |              | Lumens  | %Lamp   | %Lum    |
| FL                                           | 0° -- 30°    | 1.2 lm  | 6.0 %   | 6.0 %   |
| FM                                           | 30° -- 60°   | 3.7 lm  | 19.0 %  | 19.0 %  |
| FH                                           | 60° -- 80°   | 4.3 lm  | 21.7 %  | 21.7 %  |
| FVH                                          | 80° -- 90°   | 0.9 lm  | 4.3 %   | 4.3 %   |
| BL                                           | 0° -- 30°    | 1.1 lm  | 5.8 %   | 5.8 %   |
| BM                                           | 30° -- 60°   | 3.6 lm  | 18.2 %  | 18.2 %  |
| BH                                           | 60° -- 80°   | 4.1 lm  | 20.6 %  | 20.6 %  |
| BVH                                          | 80° -- 90°   | 0.9 lm  | 4.4 %   | 4.4 %   |
| UL                                           | 90° -- 100°  | 0.0 lm  | 0.0 %   | 0.0 %   |
| UH                                           | 100° -- 180° | 0.0 lm  | 0.0 %   | 0.0 %   |
| TOTALS                                       |              | 19.7 lm | 100.0 % | 100.0 % |
| BUG B0 U0 G0 Type II Very Short Asymmetrical |              |         |         |         |



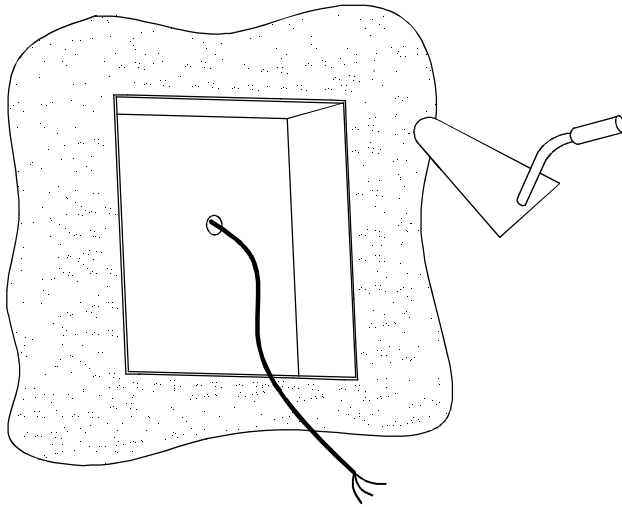
POLICARBONATO TRANSPARENTE  
TRANSPARENT POLYCARBONATE

Fitting box  
Caja de empotrar

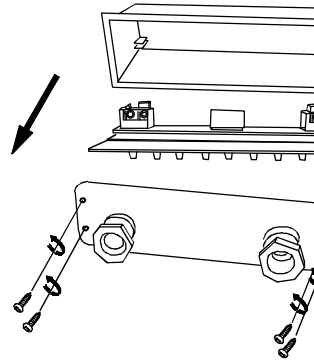


Item entry  
Colocación de  
la pieza por aquí

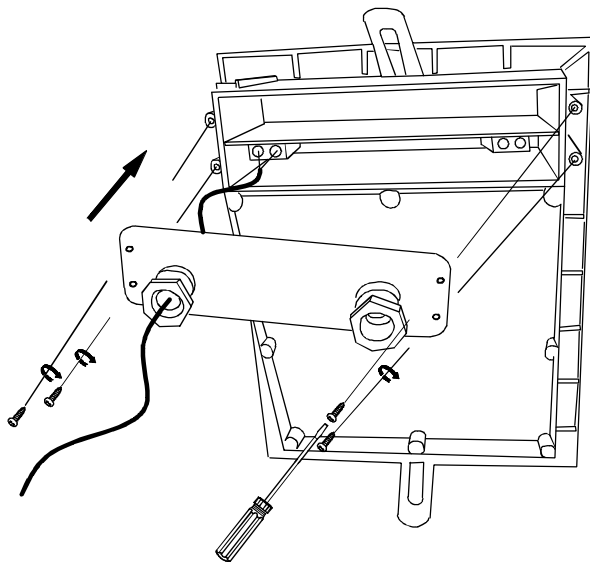
①



②



③



④

