Instrucciones de montaje
Datos Fotométricos

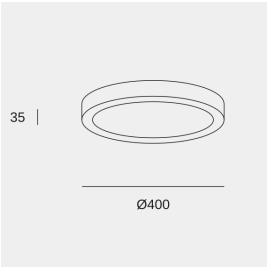
# Easy Round Surface Ø400mm

LedsC4 Team

## TC-0412-BLA

Superficie de Techo Easy Round Surface Ø400mm IP23 LED 26.4W 4000K ON-OFF Blanco 2458lm






### CARACTERÍSTICAS TÉCNICAS

IP23

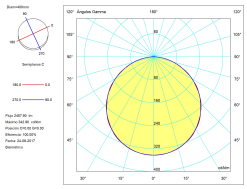
**Potencia total luminaria :** 29.3W
**Lúmenes reales :** 2458
**Lúmenes nominales :** 3375
**Lm / W reales :** 84
**Ángulo Ópticas / Reflector :** HORIZONTAL 114º
**Material de la estructura :** Aluminio
**Acabado estructura :** Blanco
**Material del difusor :** Acrílico
**Acabado difusor :** Opal

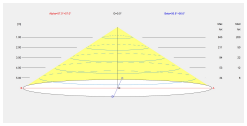
**Voltaje / Frecuencia :** 100-240V ~ 50/60Hz
**Protocolo de regulación :** ON-OFF
**Power Factor :** 0.90
**Vida útil :** 36.000h L70B30
**Garantía :** 5 Años
Luminaria fácilmente reciclable

### CARACTERÍSTICAS LUMINOTÉCNICAS

**CRI:** 80
**MacAdam steps:** 3
**Riesgo fotobiológico:** RG1

| Portalámparas | Cantidad | Potencia fuente de luz (W) | Temperatura de color correlacionada (CCT) |
|---|---|---|---|
| LED | 1 | 26.4W | 4000K |





### LOGÍSTICA

**Peso neto (Kg):** 1.34
**Peso embalado (Kg):** 1.7
**Embalaje:** 410mm x 410mm x 45mm

5 Un

La imagen puede no coincidir con la referencia, LEDS C4 se reserva el derecho de modificación de alguno de los componentes que componen el producto. Los datos relativos al flujo, la potencia y la Temperatura de Color están sujetos a una tolerancia de +- 10%.

**Luminaire**
Code TC-0412-BLA
Name PLAFON LEDS
**Measurem.**
Code TC-0412-BLA
Name PLAFON LEDS

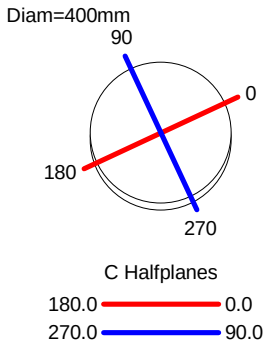
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 2457.90 lm | Luminaire Power | 29.15 W | Efficacy | 84.32 lm/W | Efficiency | 100.00% |
| Lamps Flux | 2457.90 lm | Maximum value | 342.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

| | | | |
|---|---|---|---|
| Round Luminaire | Diam. 400 mm | Height | 40 mm |
| Round Luminous Area | Diam. 348 mm | Height | 0 mm |
| Horizontal Luminous Area | 0.095115 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° | 0.023010 m2 |
| Coordinate system | CG | Symmetry Type | Double Symmetrical |
| Date | 24-08-2017 | Maximum Gamma Angle | 90 |
| Measurement Distance | 0.00 | Measurement Flux | 2457.90 lm |
| Operator | Asselum T2 | Source Voltage [V] | |
| Temperature | 25.00 °C | Source current [A] | |
| Humidity | 60.00 % | Photocell | |
| Notes | | | |

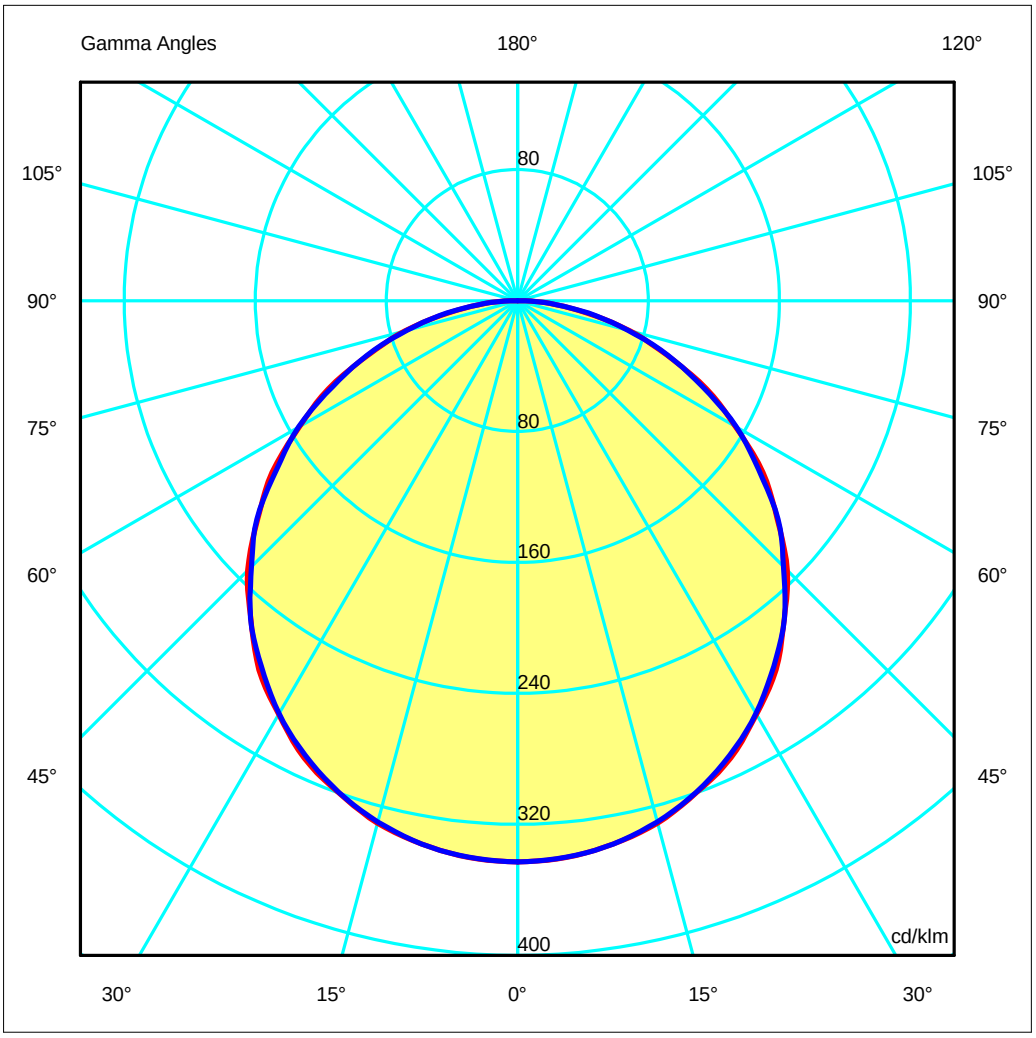
**Luminaire Lamps**

| Line | Code | Name | Flux [lm] | Pow. [W] | Q.ty |
|---|---|---|---|---|---|
| | TC-0412-BLA | TC-0412-BLA | 2457.90 | 29.15 | 1 |

| | | | |
|---|---|---|---|
| C.I.E. 46 78 95 100 100 | | D DIN 5040 | A30 |
| F UTE 1.00 E | | B NBN | BZ 5 |




ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



**Luminaire**
Code TC-0412-BLA
Name PLAFON LEDS
**Measurem.**
Code TC-0412-BLA
Name PLAFON LEDS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
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| Lamps Flux | 2457.90 lm | Maximum value | 342.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

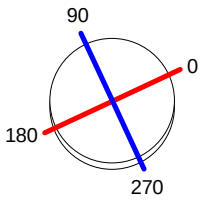
**Luminous Intensity Table cd/klm** **Table 1/1**

| | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 |
|---|---|---|---|---|---|---|---|
| G 0.0 | 342.90 | 342.90 | 342.90 | 342.90 | 342.90 | 342.90 | 342.90 |
| G 5.0 | 341.48 | 341.43 | 341.50 | 341.44 | 341.40 | 341.44 | 341.33 |
| G 10.0 | 337.02 | 337.36 | 337.05 | 337.17 | 337.25 | 337.12 | 336.96 |
| G 15.0 | 330.45 | 329.87 | 330.24 | 329.73 | 330.12 | 329.98 | 329.58 |
| G 20.0 | 319.79 | 320.36 | 319.75 | 320.17 | 320.13 | 319.84 | 319.45 |
| G 25.0 | 308.30 | 307.05 | 307.65 | 306.87 | 307.37 | 307.22 | 306.48 |
| G 30.0 | 291.77 | 292.33 | 291.60 | 291.95 | 291.81 | 291.80 | 291.21 |
| G 35.0 | 275.25 | 273.66 | 274.96 | 273.29 | 273.74 | 273.62 | 272.72 |
| G 40.0 | 253.44 | 254.47 | 253.28 | 254.45 | 253.49 | 253.32 | 253.45 |
| G 45.0 | 233.01 | 230.99 | 232.78 | 230.48 | 231.03 | 230.82 | 229.66 |
| G 50.0 | 206.87 | 208.39 | 206.56 | 208.07 | 206.78 | 206.29 | 207.72 |
| G 55.0 | 182.98 | 180.89 | 182.51 | 179.81 | 180.74 | 180.41 | 179.50 |
| G 60.0 | 153.47 | 155.67 | 152.95 | 154.98 | 153.64 | 153.07 | 154.34 |
| G 65.0 | 127.47 | 126.09 | 127.07 | 124.92 | 125.44 | 125.19 | 124.73 |
| G 70.0 | 96.56 | 99.14 | 96.47 | 98.32 | 96.97 | 96.90 | 97.85 |
| G 75.0 | 71.10 | 70.00 | 70.75 | 69.26 | 69.26 | 69.06 | 69.67 |
| G 80.0 | 42.16 | 44.34 | 42.80 | 44.04 | 43.18 | 42.68 | 43.88 |
| G 85.0 | 20.42 | 18.98 | 20.29 | 19.09 | 19.06 | 18.76 | 19.97 |
| G 90.0 | 0.77 | 1.21 | 1.20 | 1.22 | 1.19 | 1.19 | 1.21 |

**Luminaire**
Code TC-0412-BLA
Name PLAFON LEDS
**Measurem.**
Code TC-0412-BLA
Name PLAFON LEDS

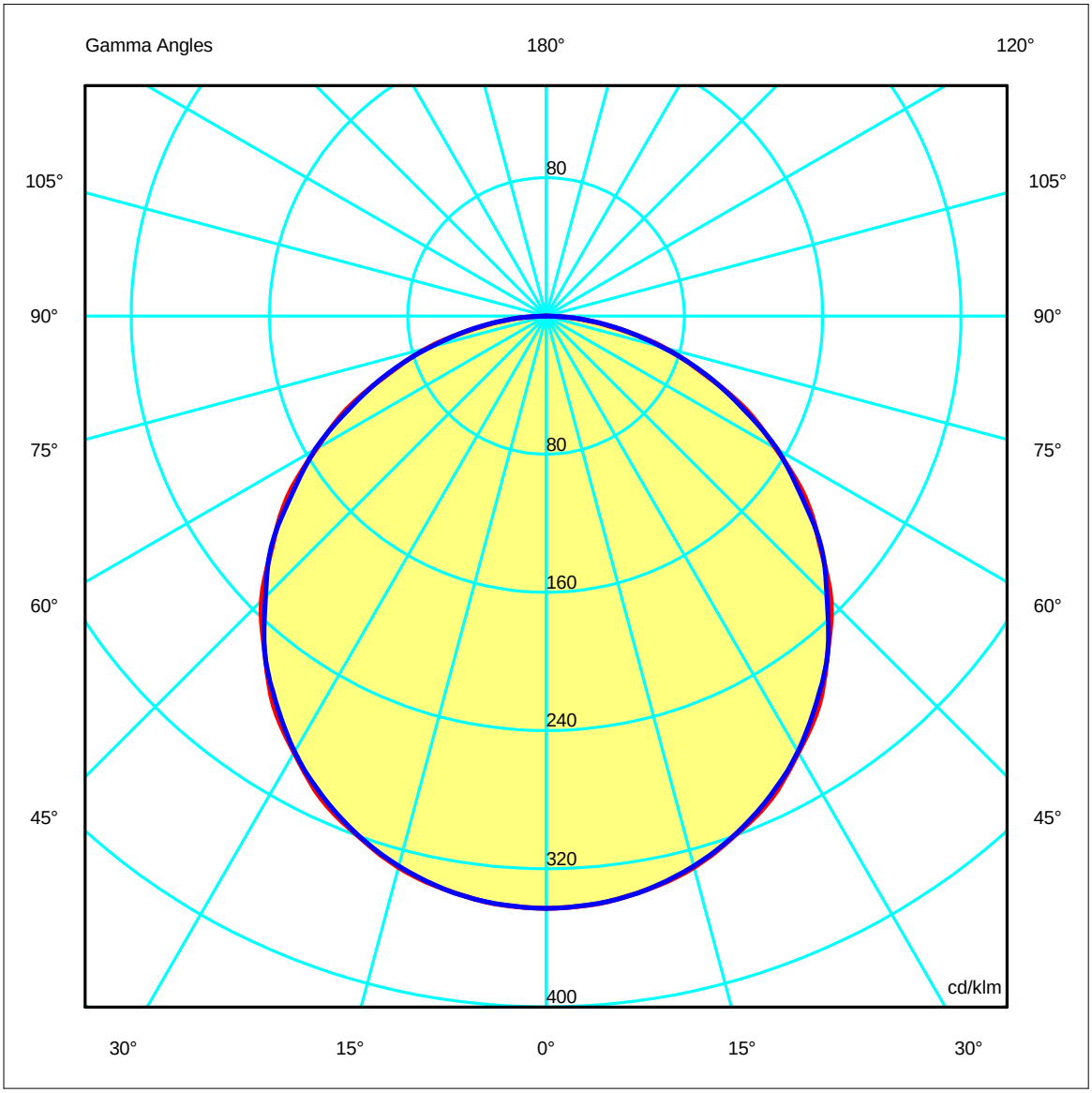
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 2457.90 lm | Luminaire Power | 29.15 W | Efficacy | 84.32 lm/W | Efficiency | 100.00% |
| Lamps Flux | 2457.90 lm | Maximum value | 342.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=400mm




C Halfplanes



**Luminaire**
Code TC-0412-BLA
Name PLAFON LEDS
**Measurem.**
Code TC-0412-BLA
Name PLAFON LEDS

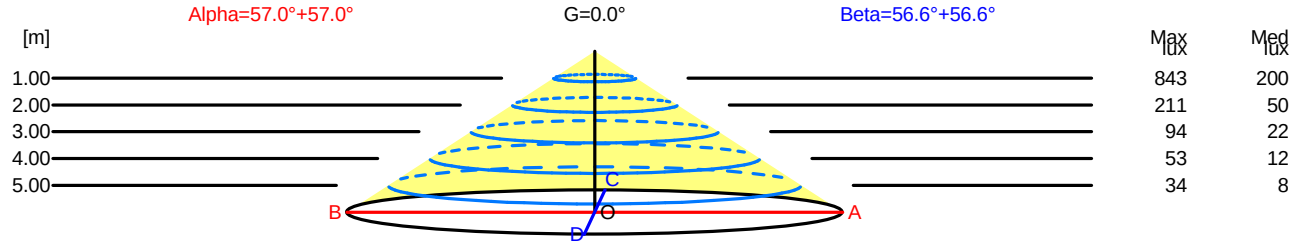
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 2457.90 lm | Luminaire Power | 29.15 W | Efficacy | 84.32 lm/W | Efficiency | 100.00% |
| Lamps Flux | 2457.90 lm | Maximum value | 342.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

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 | 1.54 | 3.08 | 4.62 | 6.16 | 7.70 | OC | 1.52 | 3.03 | 4.55 | 6.06 | 7.58 |
| OB | 1.54 | 3.08 | 4.62 | 6.16 | 7.70 | OD | 1.52 | 3.03 | 4.55 | 6.06 | 7.58 |

Luminous Intensities [ cd/klm]

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|---|---|---|---|---|---|---|---|---|---|---|
| OA | 842.81 | 839.33 | 812.22 | 757.77 | 676.53 | 572.71 | 449.75 | 313.31 | 174.77 | 50.18 |
| OB | 842.81 | 839.33 | 812.22 | 757.77 | 676.53 | 572.71 | 449.75 | 313.31 | 174.77 | 50.18 |
| OC | 842.81 | 838.96 | 810.09 | 753.29 | 670.31 | 564.48 | 441.20 | 306.56 | 171.24 | 49.08 |
| OD | 842.81 | 838.96 | 810.09 | 753.29 | 670.31 | 564.48 | 441.20 | 306.56 | 171.24 | 49.08 |




| H[m] | D[m] | Max lux | Med lux | Alpha=57.0°+57.0° G=0.0 |
|---|---|---|---|---|
| 1.00 | 3.08 | 843 | 200 | |
| 2.00 | 6.16 | 211 | 50 | |
| 3.00 | 9.24 | 94 | 22 | |
| 4.00 | 12.31 | 53 | 12 | |
| 5.00 | 15.39 | 34 | 8 | |

| H[m] | D[m] | Max lux | Med lux | Beta=56.6°+56.6° G=0.0 |
|---|---|---|---|---|
| 1.00 | 3.03 | 843 | 200 | |
| 2.00 | 6.06 | 211 | 50 | |
| 3.00 | 9.09 | 94 | 22 | |
| 4.00 | 12.12 | 53 | 12 | |
| 5.00 | 15.15 | 34 | 8 | |

**Luminaire**
Code TC-0412-BLA
Name PLAFON LEDS
**Measurem.**
Code TC-0412-BLA
Name PLAFON LEDS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
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| Lamps Flux | 2457.90 lm | Maximum value | 342.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

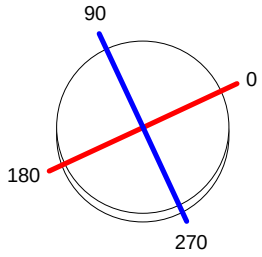
**UGR**
S = 0.250

| 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 |
| 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 | 19.8 | 21.1 | 20.1 | 21.4 | 21.6 | 19.7 | 21.1 | 20.0 | 21.3 | 21.6 |
| x=2H y=3H | 21.5 | 22.7 | 21.8 | 23.0 | 23.2 | 21.4 | 22.6 | 21.7 | 22.9 | 23.2 |
| x=2H y=4H | 22.2 | 23.3 | 22.5 | 23.6 | 23.8 | 22.1 | 23.3 | 22.5 | 23.5 | 23.8 |
| x=2H y=6H | 22.7 | 23.8 | 23.1 | 24.1 | 24.3 | 22.6 | 23.7 | 23.0 | 24.0 | 24.3 |
| x=2H y=8H | 22.9 | 23.9 | 23.3 | 24.3 | 24.5 | 22.8 | 23.9 | 23.2 | 24.2 | 24.5 |
| x=2H y=12H | 23.0 | 24.0 | 23.4 | 24.3 | 24.6 | 23.0 | 24.0 | 23.4 | 24.3 | 24.6 |
| x=4H y=2H | 20.6 | 21.7 | 20.9 | 22.0 | 22.3 | 20.5 | 21.7 | 20.9 | 22.0 | 22.3 |
| x=4H y=3H | 22.4 | 23.4 | 22.8 | 23.8 | 24.0 | 22.4 | 23.4 | 22.8 | 23.7 | 24.0 |
| x=4H y=4H | 23.3 | 24.1 | 23.7 | 24.5 | 24.8 | 23.2 | 24.1 | 23.6 | 24.4 | 24.8 |
| x=4H y=6H | 23.9 | 24.7 | 24.4 | 25.1 | 25.4 | 23.9 | 24.6 | 24.3 | 25.0 | 25.4 |
| x=4H y=8H | 24.2 | 24.9 | 24.6 | 25.3 | 25.6 | 24.1 | 24.8 | 24.5 | 25.2 | 25.6 |
| x=4H y=12H | 24.4 | 25.0 | 24.8 | 25.4 | 25.8 | 24.3 | 24.9 | 24.7 | 25.3 | 25.8 |
| x=8H y=4H | 23.6 | 24.3 | 24.1 | 24.7 | 25.1 | 23.6 | 24.3 | 24.0 | 24.7 | 25.1 |
| x=8H y=6H | 24.5 | 25.0 | 24.9 | 25.5 | 25.9 | 24.4 | 25.0 | 24.9 | 25.4 | 25.9 |
| x=8H y=8H | 24.8 | 25.3 | 25.3 | 25.7 | 26.2 | 24.7 | 25.2 | 25.2 | 25.7 | 26.2 |
| x=8H y=12H | 25.0 | 25.5 | 25.5 | 25.9 | 26.4 | 25.0 | 25.4 | 25.5 | 25.9 | 26.4 |
| x=12H y=4H | 23.7 | 24.3 | 24.1 | 24.7 | 25.1 | 23.6 | 24.3 | 24.1 | 24.7 | 25.1 |
| x=12H y=6H | 24.5 | 25.0 | 25.0 | 25.5 | 25.9 | 24.5 | 25.0 | 25.0 | 25.4 | 25.9 |
| x=12H y=8H | 24.9 | 25.3 | 25.4 | 25.8 | 26.2 | 24.8 | 25.3 | 25.3 | 25.7 | 26.2 |

**Luminaire**
Code TC-0412-BLA
Name PLAFON LEDS
**Measurem.**
Code TC-0412-BLA
Name PLAFON LEDS

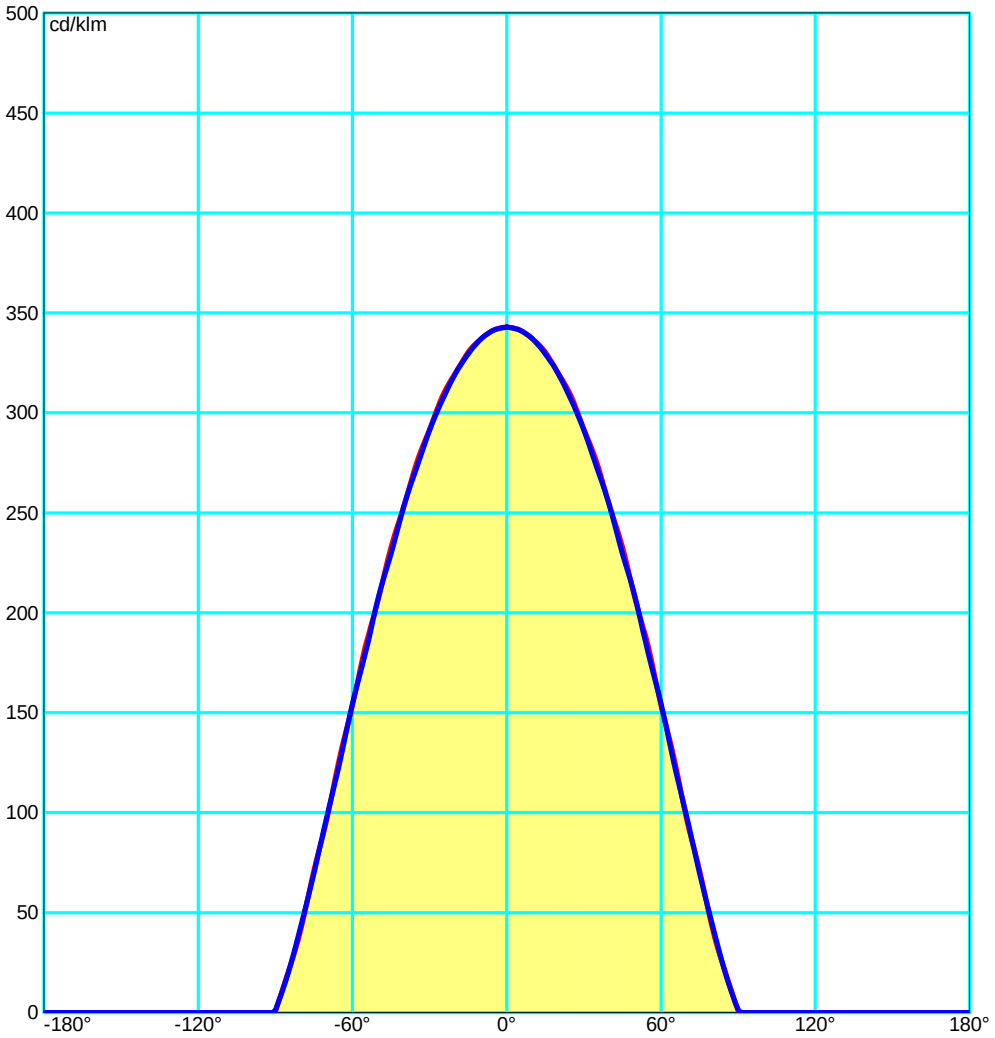
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 2457.90 lm | Luminaire Power | 29.15 W | Efficacy | 84.32 lm/W | Efficiency | 100.00% |
| Lamps Flux | 2457.90 lm | Maximum value | 342.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=400mm




C Halfplanes

180.0 0.0
270.0 90.0



**Luminaire**
Code TC-0412-BLA
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**Measurem.**
Code TC-0412-BLA
Name PLAFON LEDS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
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Luminance



**Luminaire**
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**Measurem.**
Code TC-0412-BLA
Name PLAFON LEDS

| | | | | | | |
|---|---|---|---|---|---|---|
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| Lamps Flux | 2457.90 lm | Maximum value | 342.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

**Luminance cd/m2** **Table 1/3**

| | C 0.00 | C 10.00 | C 20.00 | C 30.00 | C 40.00 | C 50.00 | C 60.00 | C 70.00 | C 80.00 | C 90.00 | C 100.00 | C 110.00 | C 120.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G 0.0 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 |
| G 5.0 | 8858.14 | 8856.72 | 8857.27 | 8858.64 | 8857.76 | 8856.26 | 8855.95 | 8856.88 | 8856.49 | 8854.15 | 8856.49 | 8856.88 | 8855.95 |
| G 10.0 | 8843.45 | 8851.25 | 8850.23 | 8844.26 | 8845.42 | 8848.74 | 8849.41 | 8847.55 | 8844.70 | 8841.82 | 8844.70 | 8847.55 | 8849.41 |
| G 15.0 | 8840.56 | 8826.95 | 8828.24 | 8834.95 | 8825.16 | 8822.67 | 8831.65 | 8831.13 | 8824.59 | 8817.36 | 8824.59 | 8831.13 | 8831.65 |
| G 20.0 | 8794.25 | 8808.73 | 8804.94 | 8793.01 | 8800.78 | 8806.54 | 8803.59 | 8798.59 | 8792.28 | 8784.69 | 8792.28 | 8798.59 | 8803.59 |
| G 25.0 | 8790.54 | 8760.14 | 8759.27 | 8771.83 | 8756.70 | 8751.04 | 8763.89 | 8764.26 | 8753.47 | 8738.57 | 8753.47 | 8764.26 | 8763.89 |
| G 30.0 | 8706.27 | 8721.99 | 8716.32 | 8701.04 | 8707.02 | 8710.09 | 8707.38 | 8707.21 | 8703.23 | 8689.39 | 8703.23 | 8707.21 | 8707.38 |
| G 35.0 | 8683.11 | 8637.80 | 8646.26 | 8674.04 | 8639.68 | 8626.19 | 8635.66 | 8637.45 | 8623.39 | 8603.27 | 8623.39 | 8637.45 | 8635.66 |
| G 40.0 | 8549.57 | 8582.79 | 8570.77 | 8543.96 | 8571.20 | 8579.47 | 8551.12 | 8547.30 | 8547.23 | 8549.71 | 8547.23 | 8547.30 | 8551.12 |
| G 45.0 | 8515.38 | 8447.65 | 8463.06 | 8507.09 | 8452.26 | 8429.66 | 8443.05 | 8444.65 | 8422.82 | 8392.90 | 8422.82 | 8444.65 | 8443.05 |
| G 50.0 | 8316.61 | 8375.15 | 8353.95 | 8303.96 | 8344.85 | 8360.12 | 8312.91 | 8289.37 | 8306.74 | 8350.92 | 8306.74 | 8289.37 | 8312.91 |
| G 55.0 | 8243.90 | 8157.95 | 8174.95 | 8222.44 | 8139.85 | 8114.81 | 8142.81 | 8141.90 | 8113.94 | 8087.25 | 8113.94 | 8141.90 | 8142.81 |
| G 60.0 | 7931.97 | 8040.56 | 8001.27 | 7905.07 | 7972.52 | 8007.49 | 7940.57 | 7906.99 | 7926.19 | 7976.59 | 7926.19 | 7906.99 | 7940.57 |
| G 65.0 | 7794.43 | 7717.32 | 7732.33 | 7769.58 | 7680.32 | 7648.95 | 7670.06 | 7667.41 | 7644.10 | 7626.44 | 7644.10 | 7667.41 | 7670.06 |
| G 70.0 | 7295.29 | 7475.93 | 7430.19 | 7288.69 | 7379.08 | 7394.53 | 7326.38 | 7305.63 | 7342.57 | 7392.75 | 7342.57 | 7305.63 | 7326.38 |
| G 75.0 | 7099.30 | 7000.41 | 7015.16 | 7063.80 | 6966.50 | 6915.08 | 6915.12 | 6901.97 | 6905.53 | 6955.99 | 6905.53 | 6901.97 | 6915.12 |
| G 80.0 | 6274.73 | 6558.90 | 6536.00 | 6368.73 | 6487.30 | 6551.06 | 6426.27 | 6346.21 | 6390.29 | 6529.56 | 6390.29 | 6346.21 | 6426.27 |
| G 85.0 | 6053.61 | 5665.17 | 5742.05 | 6014.86 | 5797.76 | 5656.74 | 5651.98 | 5572.48 | 5632.08 | 5921.09 | 5632.08 | 5572.48 | 5651.98 |
| G 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

**Luminaire**
Code TC-0412-BLA
Name PLAFON LEDS
**Measurem.**
Code TC-0412-BLA
Name PLAFON LEDS

| | | | | | | |
|---|---|---|---|---|---|---|
| Luminaire Flux | 2457.90 lm | Luminaire Power | 29.15 W | Efficacy | 84.32 lm/W | Efficiency | 100.00% |
| Lamps Flux | 2457.90 lm | Maximum value | 342.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

**Luminance cd/m2** **Table 2/3**

| | C 130.00 | C 140.00 | C 150.00 | C 160.00 | C 170.00 | C 180.00 | C 190.00 | C 200.00 | C 210.00 | C 220.00 | C 230.00 | C 240.00 | C 250.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G 0.0 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 |
| G 5.0 | 8856.26 | 8857.76 | 8858.64 | 8857.27 | 8856.72 | 8858.14 | 8856.72 | 8857.27 | 8858.64 | 8857.76 | 8856.26 | 8855.95 | 8856.88 |
| G 10.0 | 8848.74 | 8845.42 | 8844.26 | 8850.23 | 8851.25 | 8843.45 | 8851.25 | 8850.23 | 8844.26 | 8845.42 | 8848.74 | 8849.41 | 8847.55 |
| G 15.0 | 8822.67 | 8825.16 | 8834.95 | 8828.24 | 8826.95 | 8840.56 | 8826.95 | 8828.24 | 8834.95 | 8825.16 | 8822.67 | 8831.65 | 8831.13 |
| G 20.0 | 8806.54 | 8800.78 | 8793.01 | 8804.94 | 8808.73 | 8794.25 | 8808.73 | 8804.94 | 8793.01 | 8800.78 | 8806.54 | 8803.59 | 8798.59 |
| G 25.0 | 8751.04 | 8756.70 | 8771.83 | 8759.27 | 8760.14 | 8790.54 | 8760.14 | 8759.27 | 8771.83 | 8756.70 | 8751.04 | 8763.89 | 8764.26 |
| G 30.0 | 8710.09 | 8707.02 | 8701.04 | 8716.32 | 8721.99 | 8706.27 | 8721.99 | 8716.32 | 8701.04 | 8707.02 | 8710.09 | 8707.38 | 8707.21 |
| G 35.0 | 8626.19 | 8639.68 | 8674.04 | 8646.26 | 8637.80 | 8683.11 | 8637.80 | 8646.26 | 8674.04 | 8639.68 | 8626.19 | 8635.66 | 8637.45 |
| G 40.0 | 8579.47 | 8571.20 | 8543.96 | 8570.77 | 8582.79 | 8549.57 | 8582.79 | 8570.77 | 8543.96 | 8571.20 | 8579.47 | 8551.12 | 8547.30 |
| G 45.0 | 8429.66 | 8452.26 | 8507.09 | 8463.06 | 8447.65 | 8515.38 | 8447.65 | 8463.06 | 8507.09 | 8452.26 | 8429.66 | 8443.05 | 8444.65 |
| G 50.0 | 8360.12 | 8344.85 | 8303.96 | 8353.95 | 8375.15 | 8316.61 | 8375.15 | 8353.95 | 8303.96 | 8344.85 | 8360.12 | 8312.91 | 8289.37 |
| G 55.0 | 8114.81 | 8139.85 | 8222.44 | 8174.95 | 8157.95 | 8243.90 | 8157.95 | 8174.95 | 8222.44 | 8139.85 | 8114.81 | 8142.81 | 8141.90 |
| G 60.0 | 8007.49 | 7972.52 | 7905.07 | 8001.27 | 8040.56 | 7931.97 | 8040.56 | 8001.27 | 7905.07 | 7972.52 | 8007.49 | 7940.57 | 7906.99 |
| G 65.0 | 7648.95 | 7680.32 | 7769.58 | 7732.33 | 7717.32 | 7794.43 | 7717.32 | 7732.33 | 7769.58 | 7680.32 | 7648.95 | 7670.06 | 7667.41 |
| G 70.0 | 7394.53 | 7379.08 | 7288.69 | 7430.19 | 7475.93 | 7295.29 | 7475.93 | 7430.19 | 7288.69 | 7379.08 | 7394.53 | 7326.38 | 7305.63 |
| G 75.0 | 6915.08 | 6966.50 | 7063.80 | 7015.16 | 7000.41 | 7099.30 | 7000.41 | 7015.16 | 7063.80 | 6966.50 | 6915.08 | 6915.12 | 6901.97 |
| G 80.0 | 6551.06 | 6487.30 | 6368.73 | 6536.00 | 6558.90 | 6274.73 | 6558.90 | 6536.00 | 6368.73 | 6487.30 | 6551.06 | 6426.27 | 6346.21 |
| G 85.0 | 5656.74 | 5797.76 | 6014.86 | 5742.05 | 5665.17 | 6053.61 | 5665.17 | 5742.05 | 6014.86 | 5797.76 | 5656.74 | 5651.98 | 5572.48 |
| G 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

**Luminaire**
Code TC-0412-BLA
Name PLAFON LEDS
**Measurem.**
Code TC-0412-BLA
Name PLAFON LEDS

| | | | | | | |
|---|---|---|---|---|---|---|
| Luminaire Flux | 2457.90 lm | Luminaire Power | 29.15 W | Efficacy | 84.32 lm/W | Efficiency 100.00% |
| Lamps Flux | 2457.90 lm | Maximum value | 342.90 cd/klm | Position | C=0.00 G=0.00 | CG Double Symmetrical |

**Luminance cd/m2** **Table 3/3**

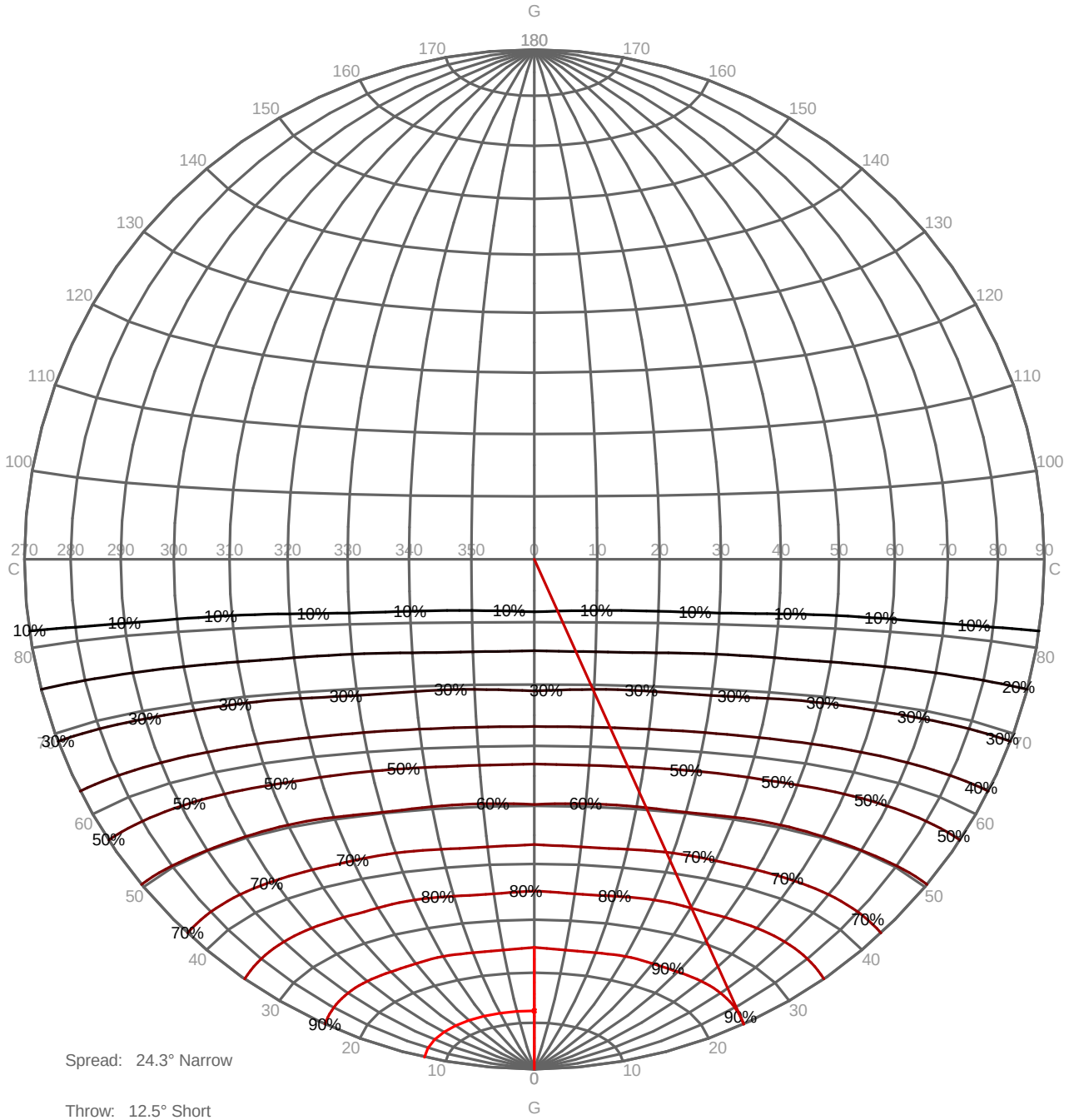
| | C 260.00 | C 270.00 | C 280.00 | C 290.00 | C 300.00 | C 310.00 | C 320.00 | C 330.00 | C 340.00 | C 350.00 |
|---|---|---|---|---|---|---|---|---|---|---|
| G 0.0 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 | 8860.97 |
| G 5.0 | 8856.49 | 8854.15 | 8856.49 | 8856.88 | 8855.95 | 8856.26 | 8857.76 | 8858.64 | 8857.27 | 8856.72 |
| G 10.0 | 8844.70 | 8841.82 | 8844.70 | 8847.55 | 8849.41 | 8848.74 | 8845.42 | 8844.26 | 8850.23 | 8851.25 |
| G 15.0 | 8824.59 | 8817.36 | 8824.59 | 8831.13 | 8831.65 | 8822.67 | 8825.16 | 8834.95 | 8828.24 | 8826.95 |
| G 20.0 | 8792.28 | 8784.69 | 8792.28 | 8798.59 | 8803.59 | 8806.54 | 8800.78 | 8793.01 | 8804.94 | 8808.73 |
| G 25.0 | 8753.47 | 8738.57 | 8753.47 | 8764.26 | 8763.89 | 8751.04 | 8756.70 | 8771.83 | 8759.27 | 8760.14 |
| G 30.0 | 8703.23 | 8689.39 | 8703.23 | 8707.21 | 8707.38 | 8710.09 | 8707.02 | 8701.04 | 8716.32 | 8721.99 |
| G 35.0 | 8623.39 | 8603.27 | 8623.39 | 8637.45 | 8635.66 | 8626.19 | 8639.68 | 8674.04 | 8646.26 | 8637.80 |
| G 40.0 | 8547.23 | 8549.71 | 8547.23 | 8547.30 | 8551.12 | 8579.47 | 8571.20 | 8543.96 | 8570.77 | 8582.79 |
| G 45.0 | 8422.82 | 8392.90 | 8422.82 | 8444.65 | 8443.05 | 8429.66 | 8452.26 | 8507.09 | 8463.06 | 8447.65 |
| G 50.0 | 8306.74 | 8350.92 | 8306.74 | 8289.37 | 8312.91 | 8360.12 | 8344.85 | 8303.96 | 8353.95 | 8375.15 |
| G 55.0 | 8113.94 | 8087.25 | 8113.94 | 8141.90 | 8142.81 | 8114.81 | 8139.85 | 8222.44 | 8174.95 | 8157.95 |
| G 60.0 | 7926.19 | 7976.59 | 7926.19 | 7906.99 | 7940.57 | 8007.49 | 7972.52 | 7905.07 | 8001.27 | 8040.56 |
| G 65.0 | 7644.10 | 7626.44 | 7644.10 | 7667.41 | 7670.06 | 7648.95 | 7680.32 | 7769.58 | 7732.33 | 7717.32 |
| G 70.0 | 7342.57 | 7392.75 | 7342.57 | 7305.63 | 7326.38 | 7394.53 | 7379.08 | 7288.69 | 7430.19 | 7475.93 |
| G 75.0 | 6905.53 | 6955.99 | 6905.53 | 6901.97 | 6915.12 | 6915.08 | 6966.50 | 7063.80 | 7015.16 | 7000.41 |
| G 80.0 | 6390.29 | 6529.56 | 6390.29 | 6346.21 | 6426.27 | 6551.06 | 6487.30 | 6368.73 | 6536.00 | 6558.90 |
| G 85.0 | 5632.08 | 5921.09 | 5632.08 | 5572.48 | 5651.98 | 5656.74 | 5797.76 | 6014.86 | 5742.05 | 5665.17 |
| G 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

**Luminaire**
Code TC-0412-BLA
Name PLAFON LEDS
**Measurem.**
Code TC-0412-BLA
Name PLAFON LEDS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 2457.90 lm | Luminaire Power | 29.15 W | Efficacy | 84.32 lm/W | Efficiency | 100.00% |
| Lamps Flux | 2457.90 lm | Maximum value | 342.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

**PERCENTAGE ISOCANDLES**

Projection: Equal Area SLI 6.1 Tight Tilting Angle:0°




Spread: 24.3° Narrow

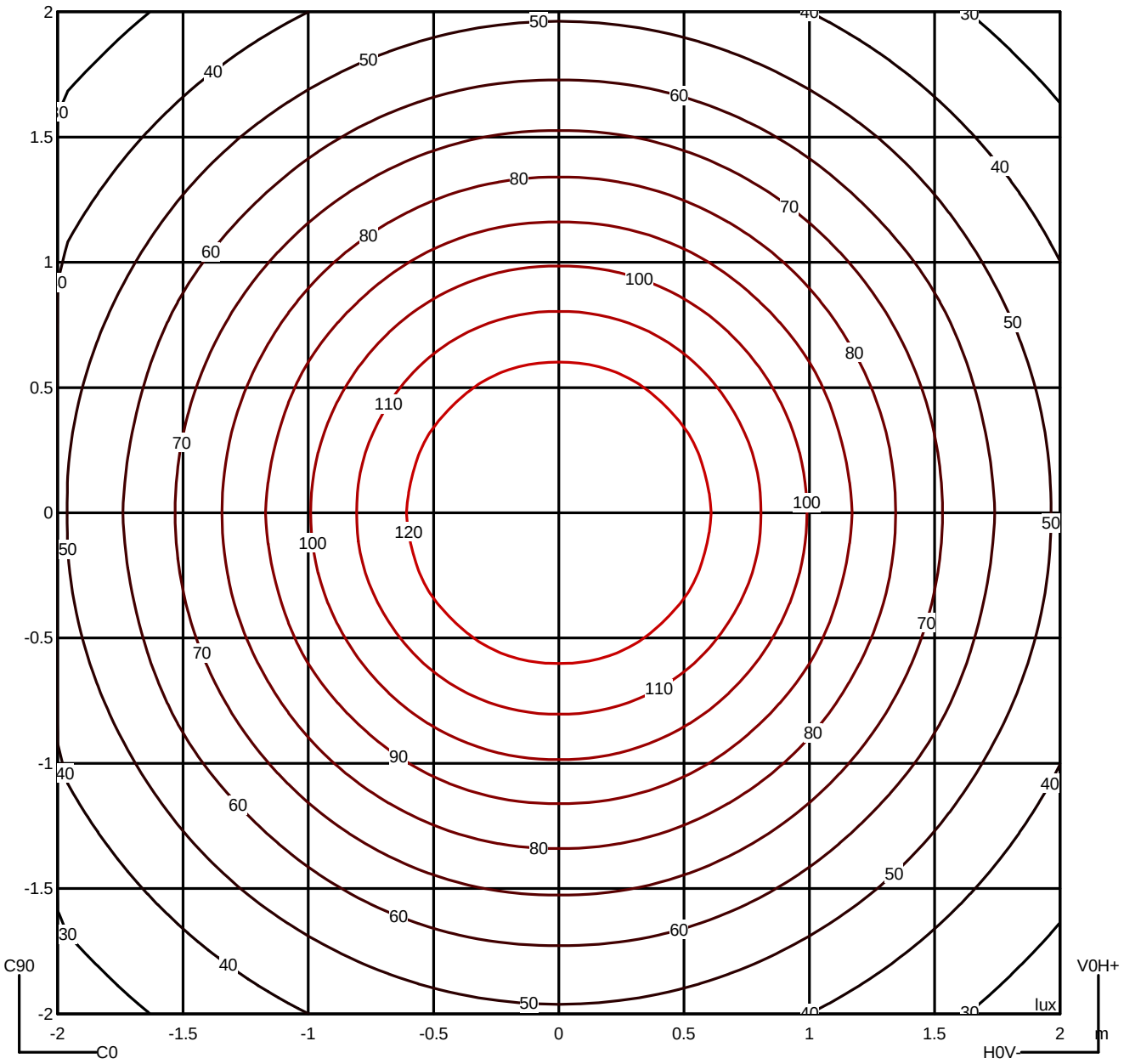
Throw: 12.5° Short

**Luminaire**
Code TC-0412-BLA
Name PLAFON LEDS
**Measurem.**
Code TC-0412-BLA
Name PLAFON LEDS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 2457.90 lm | Luminaire Power | 29.15 W | Efficacy | 84.32 lm/W | Efficiency | 100.00% |
| Lamps Flux | 2457.90 lm | Maximum value | 342.90 cd/klm | 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 TC-0412-BLA
Name PLAFON LEDS
**Measurem.**
Code TC-0412-BLA
Name PLAFON LEDS

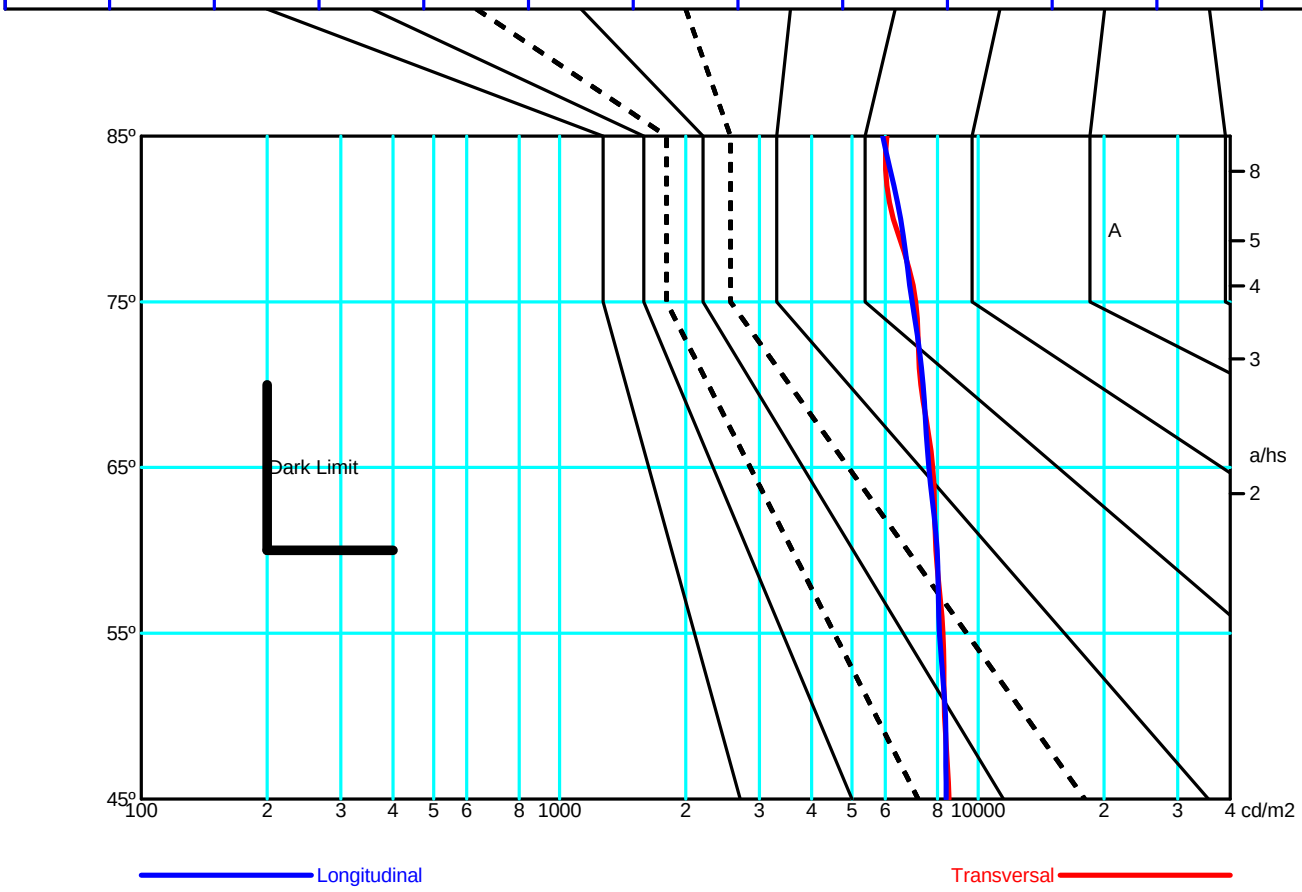
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 2457.90 lm | Luminaire Power | 29.15 W | Efficacy | 84.32 lm/W | Efficiency | 100.00% |
| Lamps Flux | 2457.90 lm | Maximum value | 342.90 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

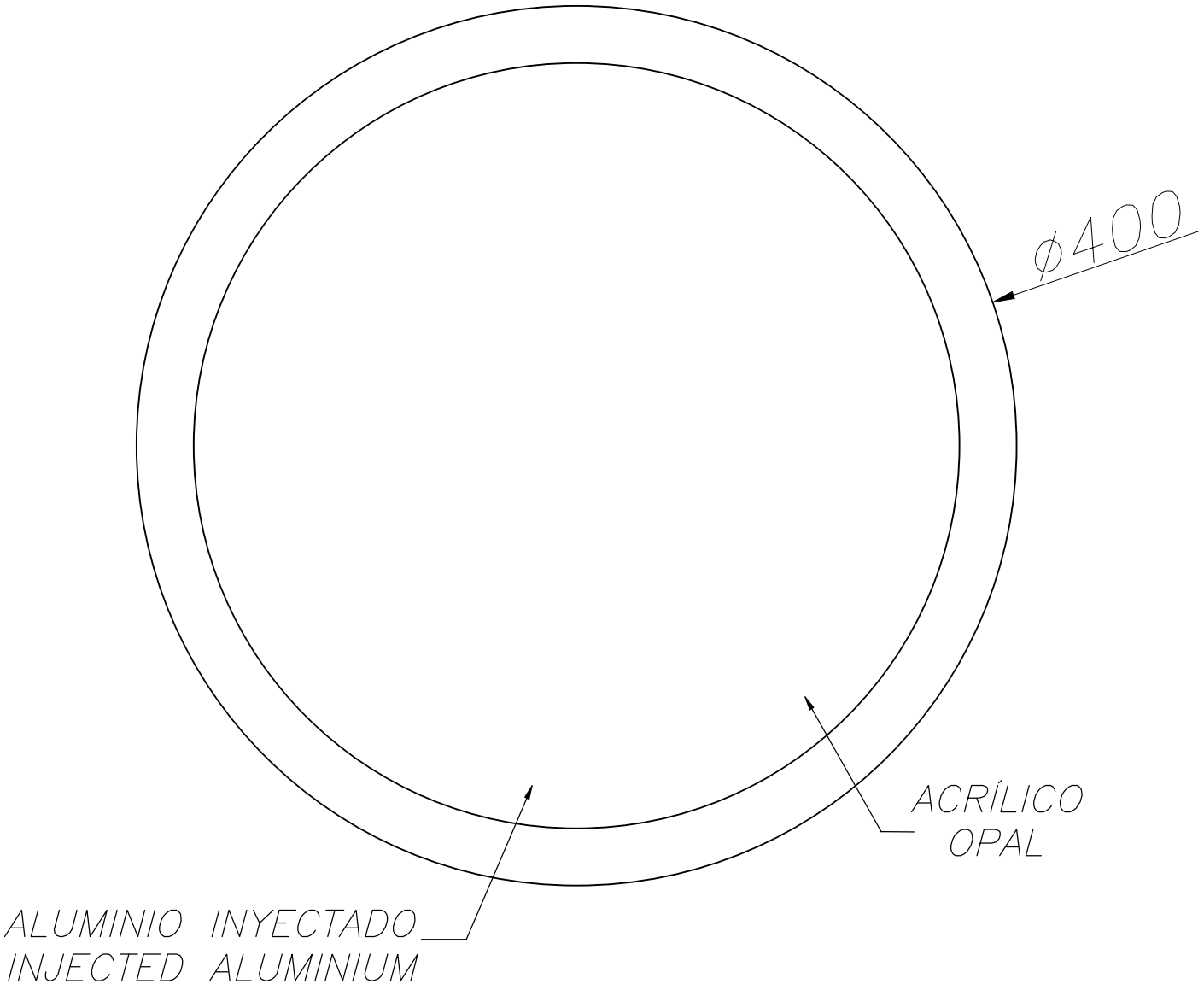
Average Luminance [cd/m²]

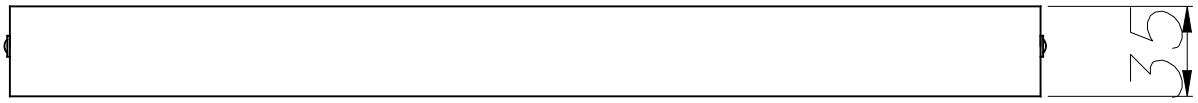
| | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.0° | 8515 | 8317 | 8244 | 7932 | 7794 | 7295 | 7099 | 6275 | 6054 | --- |
| 90.0° | 8393 | 8351 | 8087 | 7977 | 7626 | 7393 | 6956 | 6530 | 5921 | --- |

Flush mounted or longitudinal view

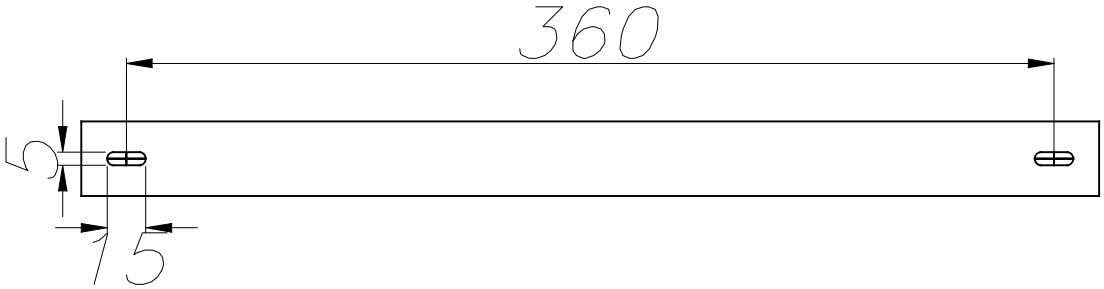
| | | Illumination(lx) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | A | 2000 | 1000 | 750 | 500 | | <300 | | | | | 1.15 |
| B | 1 | | 2000 | 1500 | 1000 | 750 | 500 | <300 | | | | 1.5 |
| C | | | | | 2000 | | 1000 | 500 | <300 | | | 1.85 |
| D | 2 | | | | | | 2000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



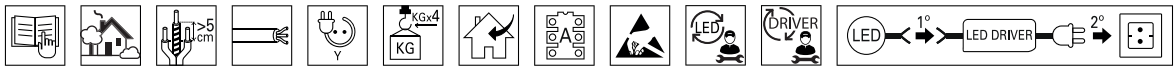


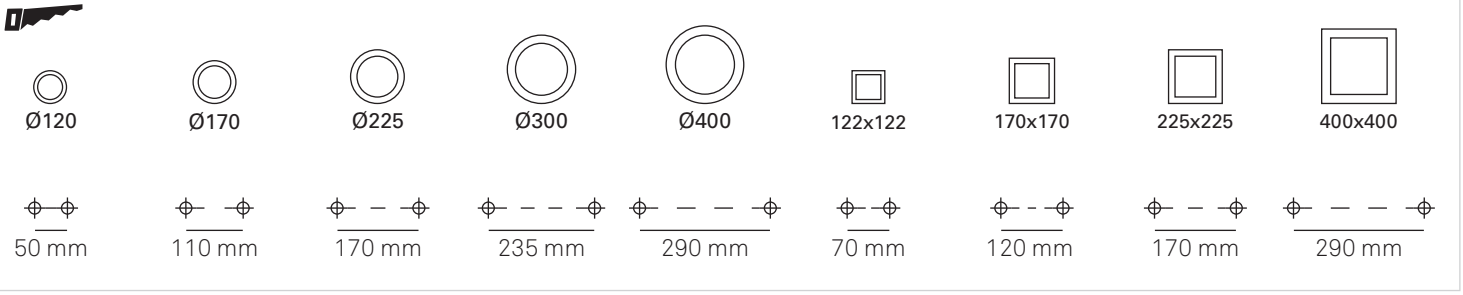



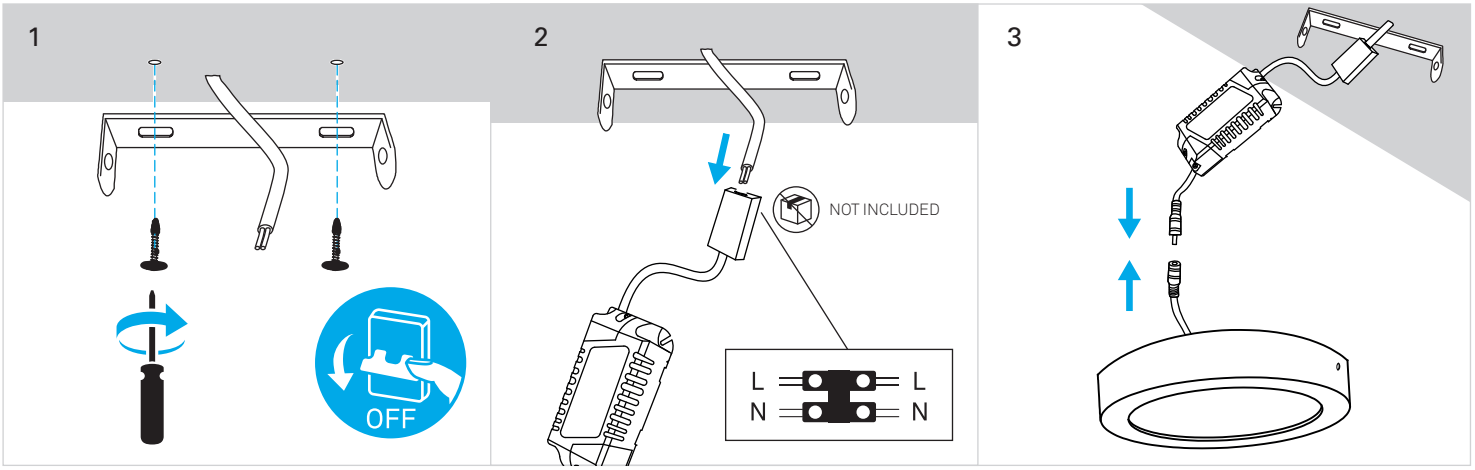

PLANTILLA DE INSTALACIÓN
INSTALLATION TEMPLATE

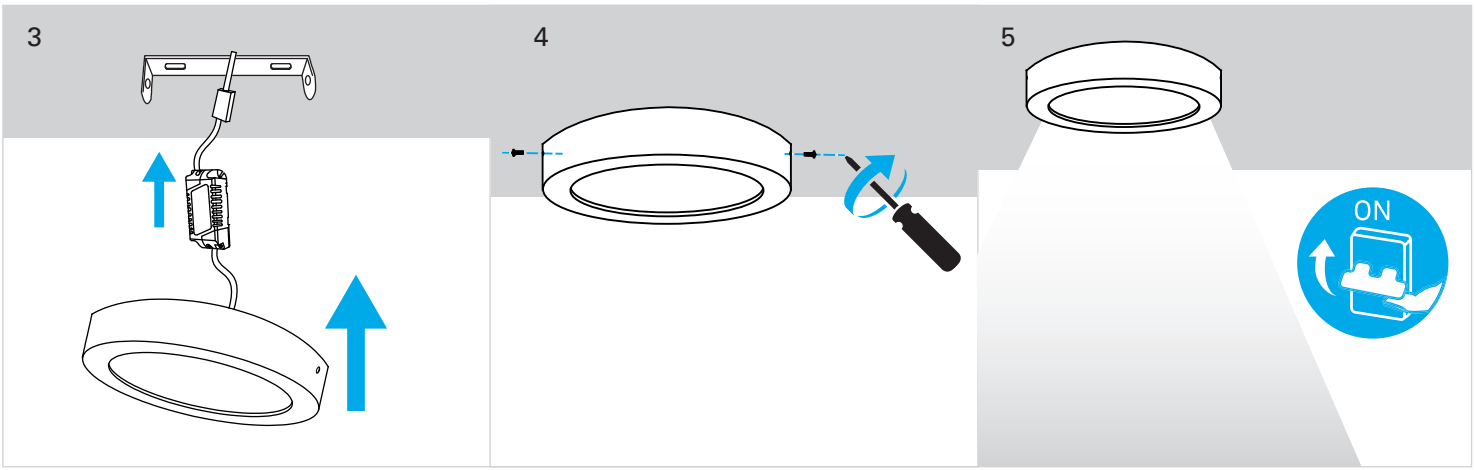


# Easy


>5 cm
KGx4
KG
Y
A
LED
DRIVER
LED
1°
LED DRIVER
2°


Ø120
Ø170
Ø225
Ø300
Ø400
122x122
170x170
225x225
400x400
50 mm
110 mm
170 mm
235 mm
290 mm
70 mm
120 mm
170 mm
290 mm


1
OFF
2
NOT INCLUDED
L
N
L
N
3


3
4
5
ON