





| CODIGO<br>SUMINISTRADOR | COLOR  | TENSION   | INTENSIDAD   | INTENSIDAD<br>LUMINICA  | LONGITUD<br>DE CURVA  |
|-------------------------|--|---|--|---|---|
| 18600450                | ROJO   | 28V AC/DC   | 9mA / 17mA   | 440mcd  | 630nm   |
| 18600451                | VERDE  | 28V AC/DC   | 9mA / 17mA   | 2550mcd   | 525nm   |
| 18600452                | AMARILLO   | 28V AC/DC   | 9mA / 17mA   | 340mcd  | 587nm   |
| 18600457                | AZUL   | 28V AC/DC   | 9mA / 17mA   | 780mcd  | 470nm   |
| 1860045W3               | BLANCO   | 28V AC/DC   | 9mA / 17mA   | 1700mcd   | x = 0.31<br>y = 0.32  |
| 1860045W3D              | BLANCO DIFUSO  | 28V AC/DC   | 9mA / 17mA   | 850mcd  | x = 0.31<br>y = 0.32  |
| 18608A30                | ROJO   | 75V DC  | 5mA  | 180mcd  | 630nm   |
| 18608A31                | VERDE  | 75V DC  | 5mA  | 750mcd  | 525nm   |
| 18608A32                | AMARILLO   | 75V DC  | 5mA  | 160mcd  | 587nm   |
| 18608A37                | AZUL   | 75V DC  | 5mA  | 230mcd  | 470nm   |
| 18608A3W3               | BLANCO   | 75V DC  | 5mA  | 500mcd  | x = 0.31<br>y = 0.32  |
| 18608A3W3D              | BLANCO DIFUSO  | 75V DC  | 5mA  | 250mcd  | x = 0.31<br>y = 0.32  |
| 18608130                | ROJO   | 130V DC   | 3mA  | 120mcd  | 630nm   |
| 18608131                | VERDE  | 130V DC   | 3mA  | 450mcd  | 525nm   |
| 18608132                | AMARILLO   | 130V DC   | 3mA  | 110mcd  | 587nm   |
| 18608137                | AZUL   | 130V DC   | 3mA  | 200mcd  | 470nm   |
| 18608113W3              | BLANCO   | 130V DC   | 3mA  | 300mcd  | x = 0,31<br>y = 0,32  |
| 18608113W3D             | BLANCO DIFUSO  | 130V DC   | 3mA  | 150mcd  | x = 0.31<br>y = 0.32  |
| 186003A0                | ROJO   | 24-30V DC   | 13-19mA  | 300-440mcd  | 630nm   |
| 186003A1                | VERDE  | 24-30V DC   | 12-18mA  | 1800-2700mcd  | 525nm   |
| 186003A2                | AMARILLO   | 24-30V DC   | 13-19mA  | 270-380mcd  | 587nm   |
| 186003A7                | AZUL   | 24-30V DC   | 12-18mA  | 560-800mcd  | 470nm   |
| 186003AW3               | BLANCO   | 24-30V DC   | 12-18mA  | 1200-1800mcd  | x = 0,31<br>y = 0,32  |
| 186003AW3D              | BLANCO DIFUSO  | 24-30V DC   | 12-18mA  | 600-900mcd  | x = 0,31<br>y = 0,32  |
| 18626130                | ROJO   | 130V AC   | 5mA  | 3 x 180mcd  | 630nm   |
| 18626131                | VERDE  | 130V AC   | 5mA  | 3 x 750mcd  | 525nm   |
| 18626132                | AMARILLO   | 130V AC   | 5mA  | 3 x 160mcd  | 587nm   |
| 18626137                | AZUL   | 130V AC   | 5mA  | 3 x 230mcd  | 470nm   |
| 1862613W3               | BLANCO   | 130V AC   | 5mA  | 3 x 500mcd  | x = 0.31<br>y = 0.32  |
| 1862613W3D              | BLANCO DIFUSO  | 130V AC   | 5mA  | 3 x 250mcd  | x = 0.31<br>y = 0.32  |
|                         | 18600450 18600451 18600452 18600457 1860045W3 1860045W3D 18608A30 18608A31 18608A32 18608A37 18608A3W3 18608A3W3 18608A3W3D 18608130 18608131 18608137 18608137 18608137 186003A0 186003A1 186003A7 186003A7 186003A7 186003AW3 186003AW3 186003AW3 186003AW3 18626130 18626137 18626137 | SUMINISTRADOR         COLOR           18600450         ROJO           18600451         VERDE           18600452         AMARILLO           18600457         AZUL           1860045W3         BLANCO           1860045W3D         BLANCO DIFUSO           18608A30         ROJO           18608A31         VERDE           18608A32         AMARILLO           18608A3W3         BLANCO           18608A3W3D         BLANCO DIFUSO           18608130         ROJO           18608131         VERDE           18608132         AMARILLO           18608137         AZUL           18608113W3         BLANCO           18608113W3         BLANCO           186003A0         ROJO           186003A1         VERDE           186003A2         AMARILLO           186003A7         AZUL           186003AW3         BLANCO           18626130         ROJO           18626131         VERDE           18626132         AMARILLO           18626133         AMARILLO           18626137         AZUL           18626138         BLANCO | SUMINISTRADOR         COLOR         TENSION           18600450         ROJO         28V AC/DC           18600451         VERDE         28V AC/DC           18600452         AMARILLO         28V AC/DC           18600457         AZUL         28V AC/DC           1860045W3         BLANCO         28V AC/DC           1860045W3D         BLANCO DIFUSO         28V AC/DC           18608A30         ROJO         75V DC           18608A31         VERDE         75V DC           18608A32         AMARILLO         75V DC           18608A33W3         BLANCO         75V DC           18608A3W3D         BLANCO         DIFUSO           18608A3W3D         BLANCO         DIFUSO           18608A3W3D         BLANCO         DIFUSO           18608A3W3         BLANCO         DIFUSO           18608A131         VERDE         130V DC           18608A132         AMARILLO         130V DC           186003A0         < | SUMINISTRADOR         COLOR         TENSION         INTENSIDAD           18600450         ROJO         28V AC/DC         9mA / 17mA           18600451         VERDE         28V AC/DC         9mA / 17mA           18600452         AMARILLO         28V AC/DC         9mA / 17mA           18600457         AZUL         28V AC/DC         9mA / 17mA           1860045W3         BLANCO         28V AC/DC         9mA / 17mA           1860045W3D         BLANCO DIFUSO         28V AC/DC         9mA / 17mA           18608A30         ROJO         75V DC         5mA           18608A31         VERDE         75V DC         5mA           18608A32         AMARILLO         75V DC         5mA           18608A3W3         BLANCO         75V DC         5mA           18608A3W3         BLANCO DIFUSO         75V DC         5mA           18608A3W3D         BLANCO DIFUSO         75V DC         5mA           18608A3W3D         BLANCO DIFUSO         75V DC         3mA           18608131         VERDE         130V DC         3mA           18608132         AMARILLO         130V DC         3mA           18608113W3         BLANCO         130V DC         3mA     < | SUMINISTRADOR         COLOR         TENSION         INTENSIDAD         LUMINICA           18600450         ROJO         28V AC/DC         9mA / 17mA         440mcd           18600451         VERDE         28V AC/DC         9mA / 17mA         2550mcd           18600452         AMARILLO         28V AC/DC         9mA / 17mA         340mcd           18600457         AZUL         28V AC/DC         9mA / 17mA         780mcd           1860045W3         BLANCO         28V AC/DC         9mA / 17mA         1700mcd           1860045W3D         BLANCO DIFUSO         28V AC/DC         9mA / 17mA         850mcd           18608A30         ROJO         75V DC         5mA         180mcd           18608A31         VERDE         75V DC         5mA         160mcd           18608A32         AMARILLO         75V DC         5mA         230mcd           18608A3W3         BLANCO         75V DC         5mA         50mcd           18608A3W3         BLANCO DIFUSO         75V DC         5mA         250mcd           18608130         ROJO         130V DC         3mA         120mcd           18608131         VERDE         130V DC         3mA         110mcd           18 |

Base LED según DIN EN 60061-1: BA9s Temperatura almacenamiento:-25°C...+80°C -20°C...+60°C +10% Temperatura ambiente: Tolerancia tensión:

| """           | DESCRIPCION                      | ×        | NOTAS Y OBSERVACIONES   |                          |  |              |                    |
|---------------|----------------------------------|----------|-------------------------|--------------------------|--|--------------|--------------------|
| MARCA         | DESCRIPCION                      |          | CODIFICACION<br>O NORMA | MATERIAL<br>O REFERENCIA |  | PESO<br>(kg) | DIMENSIONE<br>(mm) |
| 20            | LED VERDE 110V                   | <u> </u> |                         | 18626131                 |  | 0.020        | ENCENDID           |
| 2 6 🖂         |                                  | 4        |                         | CML                      |  | 0.000        | BAJO UMBR          |
| <b>2</b> / LI |                                  | '        |                         | 18626132                 |  |              | ENCENDID           |
| 2 7           | LED AZUL 110V  LED AMARILLO 110V | 1        |                         | CML                      |  | 0.020        | BAJO UMBF          |
| 20            |                                  |          |                         | 18626137                 |  |              | ENCENDI            |
| 201           | ED 4711 110V                     | 1        |                         | CML                      |  |              | BAJO UMBF          |
| 29 4          | LED BLANCO 110V                  | '        |                         | 1862613W3                |  |              | ENCENDI            |
|               | LED DIAMON 440V                  |          |                         | CML                      |  |              | BAJO UMBI          |
| թ ս ւ         | TED BLANCO DIFUSO 1104           |          |                         | 1862613W3D               |  |              | ENCENDI            |
|               | LED BLANCO DIFUSO 110V           |          |                         | CML                      |  | 0 000        | BAJO UMB           |

| -           |                        |          |                         |                          |              |                          |
|-------------|------------------------|----------|-------------------------|--------------------------|--------------|--------------------------|
| 2 5         | LED ROJO 110V          | 1        |                         | CML<br>18626130          | 0.020        | BAJO UMBRAL<br>ENCENDIDO |
| 0 4         | LED DI ANCO DIFUCO 04V | 2        |                         | CML                      | 0.020        | ALTO UMBRAL              |
| <b>4</b>    | LED BLANCO DIFUSO 24V  |          |                         | 186003AW3D               | 0.020        | ENCENDIDO                |
| 2           | LED BLANCO CAV         | 1        |                         | CML                      | 0.020        | ALTO UMBRAL              |
| د کا        | LED BLANCO 24V         | 1        |                         | 186003AW3                | 0.020        | ENCENDIDO                |
| 2           | LED AZUL 24V           | 1        |                         | CML                      | 0.020        | ALTO UMBRAL              |
| 2 2         | LED AZOL 24V           |          |                         | 186003A7                 | 0.020        | ENCENDIDO                |
| 2 1         | LED AMARILLO 24V       | 1        |                         | CML                      | 0.020        | ALTO UMBRAL              |
| _           | LLD AWARILLO 24V       | '        |                         | 186003A2                 | 0.020        | ENCENDIDO                |
| 2 0         | LED VERDE 24V          | 1        |                         | CML                      | 0.020        | ALTO UMBRAL              |
| 2 0         | LLD VEHILL Z-TV        | '        |                         | 186003A1                 | 0.020        | ENCENDIDO                |
| 1 a         | LED ROJO 24V           | 1 1      |                         | CML                      | 0.020        | ALTO UMBRAL              |
| 1 3         |                        | '        |                         | 186003A0                 | 0.020        | ENCENDIDO                |
| 1 8         | LED BLANCO DIFUSO 110V | 1 1      |                         | CML                      | 0.020        | BAJO UMBRAL              |
|             |                        | 1        |                         | 1860813W3D               | 0.020        | ENCENDIDO                |
| 1 7         | LED BLANCO 110V        | 1 1      |                         | CML                      | 0.020        | BAJO UMBRAL              |
|             |                        |          |                         | 1860813W3                |              | ENCENDIDO                |
| 1 6         | LED AZUL 110V          | 1 1      |                         | CML                      | 0.020        | BAJO UMBRAL              |
| . 0         |                        |          |                         | 18608137                 |              | ENCENDIDO                |
| 1 5         | LED AMARILLO 110V      | 1 1      |                         | CML                      | 0.020        | BAJO UMBRAL              |
| ľ           |                        | .        |                         | 18608132                 |              | ENCENDIDO                |
| 1 4         | LED VERDE 110V         | 1 1      |                         | CML                      | 0.020        | BAJO UMBRAL              |
|             |                        |          |                         | 18608131                 |              | ENCENDIDO                |
| 1 3         | LED ROJO 110V          | 1 1      |                         | CML                      | 0.020        | BAJO UMBRAL              |
| . •         |                        |          |                         | 18608130                 |              | ENCENDIDO                |
| 1 2         | LED BLANCO DIFUSO 75V  | 1 1      |                         | CML                      | 0.020        | BAJO UMBRAL              |
| <u> </u>    |                        | $\sqcup$ |                         | 18608A3W3D               |              | ENCENDIDO                |
| 1 1         | LED BLANCO 75V         | 1        |                         | CML                      | 0.020        | BAJO UMBRAL              |
|             |                        |          |                         | 18608A3W3                |              | ENCENDIDO                |
| 1 0         | LED AZUL 75V           | 1        |                         | CML                      | 0.020        | BAJO UMBRAL              |
|             |                        |          |                         | 18608A37                 |              | ENCENDIDO                |
| 0 9         | LED AMARILLO 75V       | 1        |                         | CML                      | 0.020        | BAJO UMBRAL              |
|             |                        | +        |                         | 18608A32                 |              | ENCENDIDO                |
| 0 8         | LED VERDE 75V          | 1        |                         | CML                      | 0.020        | BAJO UMBRAL              |
|             |                        |          |                         | 18608A31                 |              | ENCENDIDO                |
| 0 7         | LED ROJO 75V           | 1        |                         | CML                      | 0.020        | BAJO UMBRAL<br>ENCENDIDO |
|             |                        |          |                         | 18608A30                 |              |                          |
| 0 6         | LED BLANCO DIFUSO 24V  | 1        |                         | EBT<br>1860045W3D        | 0.020        | BAJO UMBRAL<br>ENCENDIDO |
|             |                        | +        |                         | EBT                      |              | BAJO UMBRAL              |
| 0 5         | LED BLANCO 24V         | 1        |                         | 1860045W3                | 0.020        | ENCENDIDO                |
|             |                        | +        |                         | EBT                      |              | BAJO UMBRAL              |
| 0 4         | LED AZUL 24V           | 1        |                         | 18600457                 | 0.020        | ENCENDIDO                |
|             |                        |          |                         | EBT                      |              | BAJO UMBRAL              |
| 0 3         | LED AMARILLO 24V       | 1        |                         | 18600452                 | 0.020        | ENCENDIDO                |
|             |                        | +        |                         | EBT                      |              | BAJO UMBRAL              |
| 0 2         | LED VERDE 24V          | 1        |                         | 18600451                 | 0.020        | ENCENDIDO                |
|             |                        |          |                         | EBT                      |              | BAJO UMBRAL              |
| 0 1         | LED ROJO 24V           | 1        |                         | 18600450                 | 0.020        | ENCENDIDO                |
| Н           |                        | 1 _ 1    | CODIFICACION<br>O NORMA | MATERIAL<br>O REFERENCIA | PESO<br>(kg) | DIMENSIONES<br>(mm)      |
| MARCA       | DESCRIPCION            | CANT     | O NOTMA                 | O REPERENCIA             | NOTAS Y OBSI | ` ′                      |
| MO          | DIFICACIONES           |          |                         |                          |              |                          |
| <b>A</b> (2 | 6-02-15) AÑADIR MARCAS |          |                         |                          |              |                          |
| I DF        | LA 25 A 30.            |          | I                       |                          |              |                          |

|         |                        |                |          | 0              | NOTIO 1 OBSERVICE       | 7101120                 |
|---------|------------------------|----------------|----------|----------------|-------------------------|-------------------------|
| МО      | DIFICACIONES           |                |          |                |                         |                         |
| (2      | 6-02-15) AÑADIR MARCAS | ] .            |          |                |                         |                         |
| DE      | LA 25 A 30.            |                |          |                |                         |                         |
| +       |                        |                | FECHA    | NOMBRES        | S                       |                         |
| +       |                        | COMPR.         |          |                |                         |                         |
|         |                        | VERIFIC        |          |                | PLANO N°                |                         |
| +       |                        | номоц.         |          |                |                         |                         |
| +       |                        | <del></del>    | <b>(</b> | SUSTI          | ITUYE A:                | EDICION                 |
|         |                        | TOL.GEN        | .ESCALA  | DESIG          | GNACION:                | HOJA N°                 |
|         |                        | NF F<br>00-037 |          |                | LED PARA EAO-04         | <b>1</b><br>N° DE HOJAS |
|         |                        | (m)            |          |                |                         | 1                       |
| $\perp$ |                        |                | FECHA    | NOMBRE         | ES ENTIDAD: CAF BEASAIN | A2                      |
| +       |                        | DIBUJ.         | 24-06-08 | JM GARCI       |                         | _                       |
| +       |                        | VERIFIC        | 24-06-08 | J GORROTXATEGI | X.68.00266              | Α                       |
|         |                        | SUSTI          | TUYE A   | :              |                         | EDICION                 |