



# SunStay: alumbrado público solar All-In-One

## SunStay

Alumbrado público solar integrado con batería de fosfato de ferro y litio, panel solar y cargador integrados en el luminario. Aluminio fundido de presión para solidez y una larga vida útil. Brazo de montaje en poste especialmente diseñado que permite diferentes ángulos de inclinación así como el montaje superior y lateral en poste.

### Beneficios

- Lleva la luz a áreas sin acceso a la red eléctrica
- Ahorra energía
- Conserva el paisaje, ya que no se requiere la realización de zanjas para el cableado
- Ecológica
- Construcción resistente para una larga vida útil

### Características

- Alta eficacia lumínica de 175 lm/Watt para maximizar el rendimiento de la batería
- Batería de fosfato de hierro de litio reemplazable para una vida útil larga y operaciones sin problemas.
- Controlador de carga MPPT para una máxima eficiencia
- Carcasa de aluminio fundido de presión para una buena solidez y excelente disipación del calor.
- Brazo de montaje en poste especialmente diseñado con ángulos de inclinación ajustable de 0 a 15 grados, que también se puede utilizar en posiciones de montaje lateral y superiores en postes
- Perfil de regulación de iluminación establecido de fábrica, junto con sensor PIR para maximizar el tiempo de ejecución.
- Característica de autodiagnóstico junto con indicadores LED de carga, descarga y límite de la batería

Aplicaciones

- Caminos clase A y B
- Áreas rurales
- Iluminación de parques y vías peatonales
- Escuelas, oficinas e instalaciones industriales
- Centros comerciales, sedes corporativas, plazas

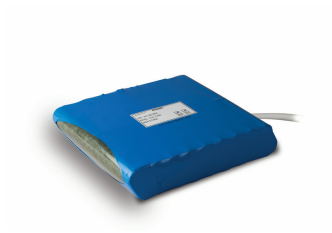
Versions



SunStay Hybrid

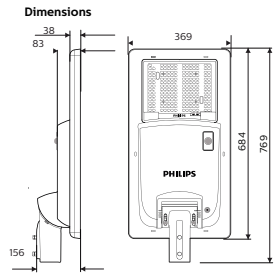
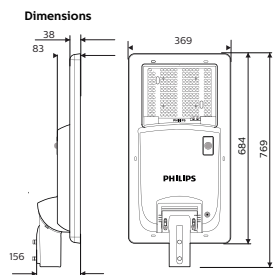


SunStay Hybrid



Lithium Ferro Phosphate battery

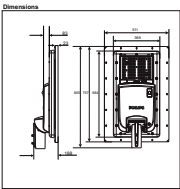
Plano de dimensiones



Dimensions



| Description                           | 12NC         | Product Dimension<br>LxWxH (cm) |
|---------------------------------------|--------------|---------------------------------|
| SPARE BT LFP 12.8V 30Ah SOLAR EQUIP   | 919415811056 | 30x17.5x6                       |
| SPARE BT LFP 12.8V 20Ah SOLAR EQUIP   | 919415811055 | 30x17.5x6                       |
| SPARE BT LFP 12.8V 13.6Ah SOLAR EQUIP | 919415811054 | 22x17.5x5                       |



PHILIPS

| Operación y aspectos eléctricos             |                    |
|---------------------------------------------|--------------------|
| Ciclos de carga y descarga de la batería    | 2000               |
| Tipo de batería                             | Litio ferrofosfato |
| Voltaje de la batería                       | 12.8 V             |
| Aprobación y aplicación                     |                    |
| Rango de temperatura ambiente               | 0 a +35 °C         |
| Condiciones de aplicación                   |                    |
| Rango de temperatura ambiente para la carga | 0 °C to +45 °C     |

Información técnica sobre la luz

| Order Code   | Full Product Name                        | Temperatura de color correlacionada (nominal) | Índice de producción de color (IRC) |
|--------------|------------------------------------------|-----------------------------------------------|-------------------------------------|
| 919515813982 | BRP710 LED45 CW MR HY SOLAR              | 5700 K                                        | >70                                 |
| 919515813986 | BRP710 LED60 NW MR HY FDIM20 SOLAR       | 4000 K                                        | >70                                 |
| 919515812388 | BRP710 LED30 CW MR S1 12V LFP AIO Solar  | 5700 K                                        | >70                                 |
| 919515814304 | BRP710 LED30 WW 60MO PDIM30 BLE Solar    | 3000 K                                        | >70                                 |
| 919515898031 | BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX | 4000 K                                        | >70                                 |
| 919515813981 | BRP710 LED30 CW MR HY SOLAR              | 5700 K                                        | >70                                 |

| Order Code   | Full Product Name                        | Temperatura de color correlacionada (nominal) | Índice de producción de color (IRC) |
|--------------|------------------------------------------|-----------------------------------------------|-------------------------------------|
| 919515813566 | BRP710 LED45 CW MR S1 12V LFP Solar      | 5700 K                                        | >70                                 |
| 919515813569 | BRP710 LED45 NW MR S1 12V LFP Solar      | 4000 K                                        | >70                                 |
| 919515814302 | BRP710 LED45 WW 60MO PDIM30 BLE Solar    | 3000 K                                        | >70                                 |
| 919515898029 | BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX | 4000 K                                        | >70                                 |
| 919515898030 | BRP710 LED45 CW 60MO PDIM30 BLE SOLAR EX | 5700 K                                        | >70                                 |
| 919415811056 | SPARE BT LFP 12.8V 30Ah SOLAR EQUIP      | -                                             | -                                   |

Operación y aspectos eléctricos (1/2)

| Order Code   | Full Product Name                        | Amperes por hora de la batería | Kit de conexión por cable | Tipo de controlador de carga | Potencia en vatios del controlador de carga | Tipo de conexión de red | Potencia en vatios máxima del panel | Tipo de panel  |
|--------------|------------------------------------------|--------------------------------|---------------------------|------------------------------|---------------------------------------------|-------------------------|-------------------------------------|----------------|
| 919515813982 | BRP710 LED45 CW MR HY SOLAR              | 30 Ah                          | Incluye                   | MPPT                         | 25 W                                        | Hibrido                 | 60 W                                | Monocristalino |
| 919515813986 | BRP710 LED60 NW MR HY FDIM20 SOLAR       | 30 Ah                          | Incluye                   | MPPT                         | 35 W                                        | Hibrido                 | 60 W                                | Monocristalino |
| 919515812388 | BRP710 LED30 CW MR S1 12V LFP AIO Solar  | 20 Ah                          | -                         | MPPT                         | -                                           | Fuera de la red         | 35 W                                | Monocristalino |
| 919515814304 | BRP710 LED30 WW 60MO PDIM30 BLE Solar    | 30 Ah                          | -                         | MPPT                         | -                                           | Fuera de la red         | 60 W                                | Monocristalino |
| 919515898031 | BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX | 30 Ah                          | -                         | MPPT                         | -                                           | Fuera de la red         | 60 W                                | Monocristalino |
| 919515813981 | BRP710 LED30 CW MR HY SOLAR              | 20 Ah                          | Incluye                   | MPPT                         | 17 W                                        | Hibrido                 | 35 W                                | Monocristalino |
| 919515813566 | BRP710 LED45 CW MR S1 12V LFP Solar      | 30 Ah                          | -                         | MPPT                         | -                                           | Fuera de la red         | 60 W                                | Monocristalino |
| 919515813569 | BRP710 LED45 NW MR S1 12V LFP Solar      | 30 Ah                          | -                         | MPPT                         | -                                           | Fuera de la red         | 60 W                                | Monocristalino |

| Order Code   | Full Product Name                        | Amperes por hora de la batería | Kit de conexión por cable | Tipo de controlador de carga | Potencia en                      | Tipo de conexión de red | Potencia en              | Tipo de panel  |
|--------------|------------------------------------------|--------------------------------|---------------------------|------------------------------|----------------------------------|-------------------------|--------------------------|----------------|
|              |                                          |                                |                           |                              | vattios del controlador de carga |                         | vattios máxima del panel |                |
| 919515814302 | BRP710 LED45 WW 60MO PDIM30 BLE Solar    | 30 Ah                          | -                         | MPPT                         | -                                | Fuera de la red         | 60 W                     | Monocristalino |
| 919515898029 | BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX | 30 Ah                          | -                         | MPPT                         | -                                | Fuera de la red         | 60 W                     | Monocristalino |
| 919515898030 | BRP710 LED45 CW 60MO PDIM30 BLE SOLAR EX | 30 Ah                          | -                         | MPPT                         | -                                | Fuera de la red         | 60 W                     | Monocristalino |
| 919415811056 | SPARE BT LFP 12.8V 30Ah SOLAR EQUIP      | 30 Ah                          | -                         | -                            | -                                | -                       | -                        | -              |

Operación y aspectos eléctricos (2/2)

| Order Code   | Full Product Name                        | Voltaje del panel |
|--------------|------------------------------------------|-------------------|
| 919515813982 | BRP710 LED45 CW MR HY SOLAR              | 17 Vmp, 21 Voc V  |
| 919515813986 | BRP710 LED60 NW MR HY FDM20 SOLAR        | 17 Vmp, 21 Voc V  |
| 919515812388 | BRP710 LED30 CW MR S1 12V LFP AIO Solar  | 17 Vmp, 21 Voc V  |
| 919515814304 | BRP710 LED30 WW 60MO PDIM30 BLE Solar    | 17 V              |
| 919515898031 | BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX | 17 V              |
| 919515813981 | BRP710 LED30 CW MR HY SOLAR              | 17 Vmp, 21 Voc V  |

| Order Code   | Full Product Name                        | Voltaje del panel |
|--------------|------------------------------------------|-------------------|
| 919515813566 | BRP710 LED45 CW MR S1 12V LFP Solar      | 17 Vmp, 21 Voc V  |
| 919515813569 | BRP710 LED45 NW MR S1 12V LFP Solar      | 17 Vmp, 21 Voc V  |
| 919515814302 | BRP710 LED45 WW 60MO PDIM30 BLE Solar    | 17 V              |
| 919515898029 | BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX | 17 V              |
| 919515898030 | BRP710 LED45 CW 60MO PDIM30 BLE SOLAR EX | 17 V              |
| 919415811056 | SPARE BT LFP 12.8V 30Ah SOLAR EQUIP      | -                 |

Controles y atenuación

| Order Code   | Full Product Name                        | Regulable | Capacidad de configuración | Perfil de regulación solar                                                  |
|--------------|------------------------------------------|-----------|----------------------------|-----------------------------------------------------------------------------|
| 919515813982 | BRP710 LED45 CW MR HY SOLAR              | Sí        | Configurable de fábrica    | 100% Dusk to dawn                                                           |
| 919515813986 | BRP710 LED60 NW MR HY FDM20 SOLAR        | Sí        | Configurable de fábrica    | 4hrs 100% + 8 hrs 20%                                                       |
| 919515812388 | BRP710 LED30 CW MR S1 12V LFP AIO Solar  | Sí        | Configurable de fábrica    | 30% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs) |
| 919515814304 | BRP710 LED30 WW 60MO PDIM30 BLE Solar    | Sí        | Configurable               | 30% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs) |
| 919515898031 | BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX | Sí        | Configurable               | 30% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs) |
| 919515813981 | BRP710 LED30 CW MR HY SOLAR              | Sí        | Configurable de fábrica    | 100% Dusk to dawn                                                           |
| 919515813566 | BRP710 LED45 CW MR S1 12V LFP Solar      | Sí        | Configurable de fábrica    | 30% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs) |

| Order Code   | Full Product Name                        | Regulable | Capacidad de configuración | Perfil de regulación solar                                                  |
|--------------|------------------------------------------|-----------|----------------------------|-----------------------------------------------------------------------------|
| 919515813569 | BRP710 LED45 NW MR S1 12V LFP Solar      | Sí        | Configurable de fábrica    | 30% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs) |
| 919515814302 | BRP710 LED45 WW 60MO PDIM30 BLE Solar    | Sí        | Configurable               | 30% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs) |
| 919515898029 | BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX | Sí        | Configurable               | 30% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs) |
| 919515898030 | BRP710 LED45 CW 60MO PDIM30 BLE SOLAR EX | Sí        | Configurable               | 30% Dusk to dawn, 100% on motion. ( Sensor disabled for 5 Hrs, after 5 Hrs) |
| 919415811056 | SPARE BT LFP 12.8V 30Ah SOLAR EQUIP      | -         | -                          | -                                                                           |

Mecánica y carcasa

| Order Code   | Full Product Name                        | Ubicación de la batería | Color de la carcasa | Código de protección de |              |                |             |
|--------------|------------------------------------------|-------------------------|---------------------|-------------------------|--------------|----------------|-------------|
|              |                                          |                         |                     | ingreso                 | Altura total | Longitud total | Ancho total |
| 919515813982 | BRP710 LED45 CW MR HY SOLAR              | Inside Luminaire        | RAL 7011            | IP65                    | 188 mm       | 757 mm         | 511 mm      |
| 919515813986 | BRP710 LED60 NW MR HY FDIM20 SOLAR       | Inside Luminaire        | RAL 7011            | IP65                    | 188 mm       | 757 mm         | 511 mm      |
| 919515812388 | BRP710 LED30 CW MR S1 12V LFP AIO Solar  | Inside Luminaire        | Gris                | IP65                    | 156 mm       | 684 mm         | 369 mm      |
| 919515814304 | BRP710 LED30 WW 60MO PDIM30 BLE Solar    | Inside Luminaire        | RAL 7011            | IP65                    | 156 mm       | 684 mm         | 369 mm      |
| 919515898031 | BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX | Inside Luminaire        | RAL 7011            | IP65                    | 156 mm       | 684 mm         | 369 mm      |
| 919515813981 | BRP710 LED30 CW MR HY SOLAR              | Inside Luminaire        | RAL 7011            | IP65                    | 156 mm       | 684 mm         | 369 mm      |
| 919515813566 | BRP710 LED45 CW MR S1 12V LFP Solar      | Inside Luminaire        | Gris                | IP65                    | 188 mm       | 757 mm         | 511 mm      |
| 919515813569 | BRP710 LED45 NW MR S1 12V LFP Solar      | Inside Luminaire        | Gris                | IP65                    | 188 mm       | 757 mm         | 511 mm      |
| 919515814302 | BRP710 LED45 WW 60MO PDIM30 BLE Solar    | Inside Luminaire        | RAL 7011            | IP65                    | 188 mm       | 757 mm         | 511 mm      |
| 919515898029 | BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX | Inside Luminaire        | RAL 7011            | IP65                    | 188 mm       | 757 mm         | 511 mm      |
| 919515898030 | BRP710 LED45 CW 60MO PDIM30 BLE SOLAR EX | Inside Luminaire        | RAL 7011            | IP65                    | 188 mm       | 757 mm         | 511 mm      |
| 919415811056 | SPARE BT LFP 12.8V 30Ah SOLAR EQUIP      | -                       | -                   | -                       | 300 mm       | 175 mm         | 60 mm       |

Condiciones de aplicación

| Order Code   | Full Product Name                        | Rango de temperatura ambiente para la descarga (con la luz encendida) |  |
|--------------|------------------------------------------|-----------------------------------------------------------------------|--|
|              |                                          |                                                                       |  |
| 919515813982 | BRP710 LED45 CW MR HY SOLAR              | -20 °C to +35 °C                                                      |  |
| 919515813986 | BRP710 LED60 NW MR HY FDIM20 SOLAR       | -20 °C to +35 °C                                                      |  |
| 919515812388 | BRP710 LED30 CW MR S1 12V LFP AIO Solar  | -20 °C to +35 °C                                                      |  |
| 919515814304 | BRP710 LED30 WW 60MO PDIM30 BLE Solar    | -20 °C to +35 °C                                                      |  |
| 919515898031 | BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX | -20 °C to +35 °C                                                      |  |
| 919515813981 | BRP710 LED30 CW MR HY SOLAR              | -20 °C to +35 °C                                                      |  |
| 919515813566 | BRP710 LED45 CW MR S1 12V LFP Solar      | -20 °C to +35 °C                                                      |  |

| Order Code   | Full Product Name                        | Rango de temperatura ambiente para la descarga (con la luz encendida) |  |
|--------------|------------------------------------------|-----------------------------------------------------------------------|--|
|              |                                          |                                                                       |  |
| 919515813569 | BRP710 LED45 NW MR S1 12V LFP Solar      | -20 °C to +35 °C                                                      |  |
| 919515814302 | BRP710 LED45 WW 60MO PDIM30 BLE Solar    | -20 °C to +35 °C                                                      |  |
| 919515898029 | BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX | -20 °C to +35 °C                                                      |  |
| 919515898030 | BRP710 LED45 CW 60MO PDIM30 BLE SOLAR EX | -20 °C to +35 °C                                                      |  |
| 919415811056 | SPARE BT LFP 12.8V 30Ah SOLAR EQUIP      | -20 °C to +60 °C                                                      |  |

