



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



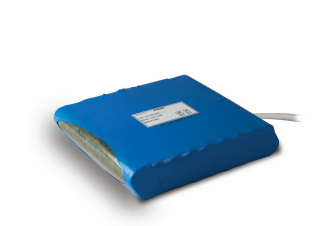
SunStay Hybrid



BRP710

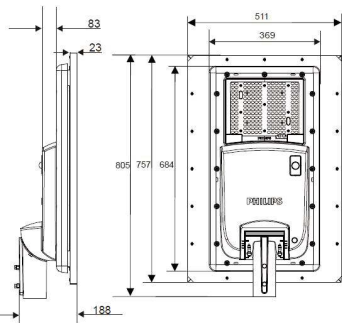
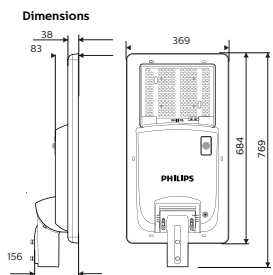


BRP710



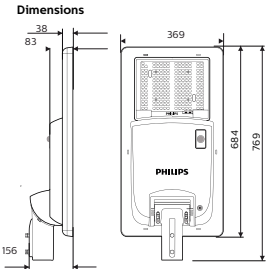
Lithium Ferro Phosphate battery

Plano de dimensiones

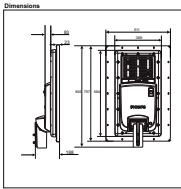


Dimensions

Description	12NC	Product Dimension 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



Plano de dimensiones



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	
Ambient temperature range for charging	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 FDM20 SOLAR	4000 K	>70
919515813993	BRP710 LED60 WW MR HY FDM20 SOLAR	3000 K	>70
919515812387	BRP710 LED20 CW MR S1 12V LFP AIO Solar	5700 K	>70
919515812388	BRP710 LED30 CW MR S1 12V LFP AIO Solar	5700 K	>70
919515814301	BRP710 LED30 WW 35MO PDIM30 BLE Solar	3000 K	>70
919515898033	BRP710 LED20 WW 35MO PDIM50 BLE SOLAR EX	3000 K	>70
919515898034	BRP710 LED20 NW 35MO PDIM50 BLE SOLAR EX	4000 K	>70
919515898035	BRP710 LED20 CW 35MO PDIM50 BLE SOLAR EX	5700 K	>70

Order Code	Full Product Name	Temperatura de color correlacionada (nominal)	Índice de producción de color (IRC)
919515813981	BRP710 LED30 CW MR HY SOLAR	5700 K	>70
919515898031	BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX	4000 K	>70
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
919515814304	BRP710 LED30 WW 60MO PDIM30 BLE Solar	3000 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	Híbrido	60 W	Monocristalino
919515813986	BRP710 LED60 NW MR HY FDIM20 SOLAR	30 Ah	Incluye	MPPT	35 W	Híbrido	60 W	Monocristalino
919515813993	BRP710 LED60 WW MR HY FDIM20 SOLAR	30 Ah	Incluye	MPPT	35 W	Híbrido	60 W	Monocristalino
919515812387	BRP710 LED20 CW MR S1 12V LFP AIO Solar	13.6 Ah	-	MPPT	-	Fuera de la red	28 W	Policristalino
919515812388	BRP710 LED30 CW MR S1 12V LFP AIO Solar	20 Ah	-	MPPT	-	Fuera de la red	35 W	Monocristalino
919515814301	BRP710 LED30 WW 35MO PDIM30 BLE Solar	20 Ah	-	MPPT	-	Fuera de la red	35 W	Monocristalino
919515898033	BRP710 LED20 WW 35MO PDIM50 BLE SOLAR EX	20 Ah	-	MPPT	-	Fuera de la red	35 W	Monocristalino
919515898034	BRP710 LED20 NW 35MO PDIM50 BLE SOLAR EX	20 Ah	-	MPPT	-	Fuera de la red	35 W	Monocristalino
919515898035	BRP710 LED20 CW 35MO PDIM50 BLE SOLAR EX	20 Ah	-	MPPT	-	Fuera de la red	35 W	Monocristalino
919515813981	BRP710 LED30 CW MR HY SOLAR	20 Ah	Incluye	MPPT	17 W	Híbrido	35 W	Monocristalino
919515898031	BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX	30 Ah	-	MPPT	-	Fuera de la red	60 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
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
919515814304	BRP710 LED30 WW 60MO PDIM30 BLE Solar	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	Order Code	Full Product Name	Voltaje del panel
919515813982	BRP710 LED45 CW MR HY SOLAR	17 Vmp, 21 Voc V	919515813981	BRP710 LED30 CW MR HY SOLAR	17 Vmp, 21 Voc V
919515813986	BRP710 LED60 NW MR HY FDIM20 SOLAR	17 Vmp, 21 Voc V	919515898031	BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX	17 V
919515813993	BRP710 LED60 WW MR HY FDIM20 SOLAR	17 Vmp, 21 Voc V	919515813566	BRP710 LED45 CW MR S1 12V LFP Solar	17 Vmp, 21 Voc V
919515812387	BRP710 LED20 CW MR S1 12V LFP AIO Solar	17 Vmp, 21 Voc V	919515813569	BRP710 LED45 NW MR S1 12V LFP Solar	17 Vmp, 21 Voc V
919515812388	BRP710 LED30 CW MR S1 12V LFP AIO Solar	17 Vmp, 21 Voc V	919515814302	BRP710 LED45 WW 60MO PDIM30 BLE Solar	17 V
919515814301	BRP710 LED30 WW 35MO PDIM30 BLE Solar	17 V	919515898029	BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX	17 V
919515898033	BRP710 LED20 WW 35MO PDIM50 BLE SOLAR EX	17 V	919515898030	BRP710 LED45 CW 60MO PDIM30 BLE SOLAR EX	17 V
919515898034	BRP710 LED20 NW 35MO PDIM50 BLE SOLAR EX	17 V	919515814304	BRP710 LED30 WW 60MO PDIM30 BLE Solar	17 V
919515898035	BRP710 LED20 CW 35MO PDIM50 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	Si	Configurable de fábrica	100% Dusk to dawn
919515813986	BRP710 LED60 NW MR HY FDIM20 SOLAR	Si	Configurable de fábrica	4hrs 100% + 8 hrs 20%
919515813993	BRP710 LED60 WW MR HY FDIM20 SOLAR	Si	Configurable de fábrica	4hrs 100% + 8 hrs 20%
919515812387	BRP710 LED20 CW MR S1 12V LFP AIO Solar	Si	Configurable de fábrica	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
919515812388	BRP710 LED30 CW MR S1 12V LFP AIO Solar	Si	Configurable de fábrica	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
919515814301	BRP710 LED30 WW 35MO PDIM30 BLE Solar	Si	Configurable	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
919515898033	BRP710 LED20 WW 35MO PDIM50 BLE SOLAR EX	Si	Configurable	50% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
919515898034	BRP710 LED20 NW 35MO PDIM50 BLE SOLAR EX	Si	Configurable	50% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
919515898035	BRP710 LED20 CW 35MO PDIM50 BLE SOLAR EX	Si	Configurable	50% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
919515813981	BRP710 LED30 CW MR HY SOLAR	Si	Configurable de fábrica	100% Dusk to dawn

Order Code	Full Product Name	Regulable	Capacidad de configuración	Perfil de regulación solar
919515898031	BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX	Si	Configurable	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
919515813566	BRP710 LED45 CW MR S1 12V LFP Solar	Si	Configurable de fábrica	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
919515813569	BRP710 LED45 NW MR S1 12V LFP Solar	Si	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	Si	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	Si	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	Si	Configurable	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
919515814304	BRP710 LED30 WW 60MO PDIM30 BLE Solar	Si	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

Código de protección de							
Order Code	Full Product Name	Ubicación de la batería	Color de la carcasa	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
919515813993	BRP710 LED60 WW MR HY FDIM20 SOLAR	Inside Luminaire	RAL 7011	IP65	188 mm	757 mm	511 mm
919515812387	BRP710 LED20 CW MR S1 12V LFP AIO Solar	Inside Luminaire	Gris	IP65	156 mm	684 mm	369 mm
919515812388	BRP710 LED30 CW MR S1 12V LFP AIO Solar	Inside Luminaire	Gris	IP65	156 mm	684 mm	369 mm
919515814301	BRP710 LED30 WW 35MO PDIM30 BLE Solar	Inside Luminaire	RAL 7011	IP65	156 mm	684 mm	369 mm
919515898033	BRP710 LED20 WW 35MO PDIM50 BLE SOLAR EX	Inside Luminaire	RAL 7011	IP65	156 mm	684 mm	369 mm
919515898034	BRP710 LED20 NW 35MO PDIM50 BLE SOLAR EX	Inside Luminaire	RAL 7011	IP65	156 mm	684 mm	369 mm
919515898035	BRP710 LED20 CW 35MO PDIM50 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

Order Code	Full Product Name	Ubicación de la batería	Color de la carcasa	Código de protección de		Altura total	Longitud total	Ancho total
				ingreso				
919515898031	BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX	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
919515814304	BRP710 LED30 WW 60MO PDIM30 BLE Solar	Inside Luminaire	RAL 7011	IP65		156 mm	684 mm	369 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)		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		919515813981	BRP710 LED30 CW MR HY SOLAR	-20 °C to +35 °C	
919515813986	BRP710 LED60 NW MR HY FDIM20 SOLAR	-20 °C to +35 °C		919515898031	BRP710 LED30 NW 60MO PDIM30 BLE SOLAR EX	-20 °C to +35 °C	
919515813993	BRP710 LED60 WW MR HY FDIM20 SOLAR	-20 °C to +35 °C		919515813566	BRP710 LED45 CW MR S1 12V LFP Solar	-20 °C to +35 °C	
919515812387	BRP710 LED20 CW MR S1 12V LFP AIO Solar	-20 °C to +35 °C		919515813569	BRP710 LED45 NW MR S1 12V LFP Solar	-20 °C to +35 °C	
919515812388	BRP710 LED30 CW MR S1 12V LFP AIO Solar	-20 °C to +35 °C		919515814302	BRP710 LED45 WW 60MO PDIM30 BLE Solar	-20 °C to +35 °C	
919515814301	BRP710 LED30 WW 35MO PDIM30 BLE Solar	-20 °C to +35 °C		919515898029	BRP710 LED45 NW 60MO PDIM30 BLE SOLAR EX	-20 °C to +35 °C	
919515898033	BRP710 LED20 WW 35MO PDIM50 BLE SOLAR EX	-20 °C to +35 °C		919515898030	BRP710 LED45 CW 60MO PDIM30 BLE SOLAR EX	-20 °C to +35 °C	
919515898034	BRP710 LED20 NW 35MO PDIM50 BLE SOLAR EX	-20 °C to +35 °C		919515814304	BRP710 LED30 WW 60MO PDIM30 BLE Solar	-20 °C to +35 °C	
919515898035	BRP710 LED20 CW 35MO PDIM50 BLE SOLAR EX	-20 °C to +35 °C		919415811056	SPARE BT LFP 12.8V 30Ah SOLAR EQUIP	-20 °C to +60 °C	

