Essential SmartBright Solar Flood Light

BVC080 LED6/765

Solar flood lighting DIY kit with lithium ferro phosphate battery built in the luminaire, Remote controller and installation accessories included. IP 65 ABS plastic construction for sturdiness and long life. Available in 600, 900 and 1500 Lumens

Warnings and Safety

- This product includes rechargeable batteries which must be adequately charged under sunlight before use.

Product data

General information	
Driver included	Yes
Optical cover/lens type	Polycarbonate
Control interface	IR remote
Warranty period	1 years
Material	Acrylonitrile-butadiene-styrene

Operating and electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	5 Ah
Battery voltage	3.2 V
Panel type	Poly crystalline
Panel voltage	5 V
Panel peak wattage	5 W
Charge controller type	PWM

Controls and dimming	
Dimmable	Yes
Configurability	Configurable

Mechanical and housing	
Overall length	150 mm
Overall width	48 mm
Overall height	120 mm

Approval and application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Initial performance (IEC compliant)	
Initial luminous flux (system flux)	600 lm
Initial LED luminaire efficacy	150 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>70

Application conditions	
Ambient temperature range	0 to +45 °C
Solar dimming profile	As per remote controller

Essential SmartBright Solar Flood Light

Battery location	Inside luminaire

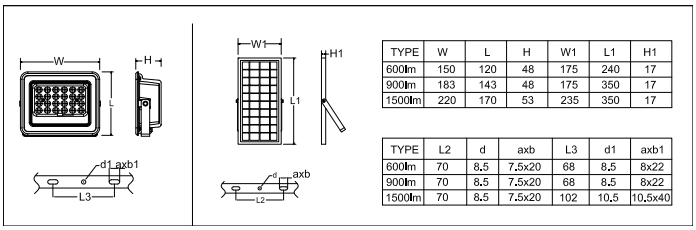
Product data

Full product code	692382864894799
Order product name	BVC080 LED6/765
EAN/UPC - Product	6923828648947
Order code	911401827202

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	911401827202
Net Weight (Piece)	1.210 kg

IP65

Dimensional drawing



TYPE	W	L	H	W1	L1	H1
600lm	150	120	48	175	240	17
900lm	183	143	48	175	350	17
1500lm	220	170	53	235	350	17

TYPE	L2	d	axb	L3	d1	axb1
600lm	70	8.5	7.5x20	68	8.5	8x22
900lm	70	8.5	7.5x20	68	8.5	8x22
1500lm	70	8.5	7.5x20	102	10.5	10.5x40

BVC080 LED6/765

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PHILIPS

Lighting

Essential SmartBright Solar Flood Light

BVC080 LED9/765

Solar flood lighting DIY kit with lithium ferro phosphate battery built in the luminaire, Remote controller and installation accessories included. IP 65 ABS plastic construction for sturdiness and long life. Available in 600, 900 and 1500 Lumens

Warnings and Safety

- This product includes rechargeable batteries which must be adequately charged under sunlight before use.

Product data

General information	
Driver included	Yes
Optical cover/lens type	Polycarbonate
Control interface	IR remote
Warranty period	1 years
Material	Acrylonitrile-butadiene-styrene

Operating and electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	5 Ah
Battery voltage	3.2 V
Panel type	Poly crystalline
Panel voltage	5 V
Panel peak wattage	7 W
Charge controller type	PWM

Controls and dimming	
Dimmable	Yes
Configurability	Configurable

Mechanical and housing	
Overall length	183 mm
Overall width	48 mm
Overall height	143 mm

Approval and application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Initial performance (IEC compliant)	
Initial luminous flux (system flux)	900 lm
Initial LED luminaire efficacy	150 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>70

Application conditions	
Ambient temperature range	0 to +45 °C
Solar dimming profile	As per remote controller

Essential SmartBright Solar Flood Light

Battery location	Inside luminaire

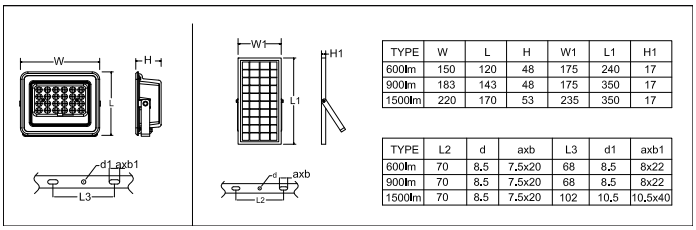
Product data

Full product code	692382864895499
Order product name	BVC080 LED9/765
EAN/UPC - Product	6923828648954
Order code	911401827302

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	911401827302
Net Weight (Piece)	1.390 kg

IP65

Dimensional drawing



TYPE	W	L	H	W1	L1	H1
600lm	150	120	48	175	240	17
900lm	183	143	48	175	350	17
1500lm	220	170	53	235	350	17

TYPE	L2	d	axb	L3	d1	axb1
600lm	70	8.5	7.5x20	68	8.5	8x22
900lm	70	8.5	7.5x20	68	8.5	8x22
1500lm	70	8.5	7.5x20	102	10.5	10.5x40

BVC080 LED9/765

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PHILIPS

Lighting

Essential SmartBright Solar Flood Light

BVC080 LED15/765

Solar flood lighting DIY kit with lithium ferro phosphate battery built in the luminaire, Remote controller and installation accessories included. IP 65 ABS plastic construction for sturdiness and long life. Available in 600, 900 and 1500 Lumens

Warnings and Safety

- This product includes rechargeable batteries which must be adequately charged under sunlight before use.

Product data

General information	
Driver included	Yes
Optical cover/lens type	Polycarbonate
Control interface	IR remote
Warranty period	1 years
Material	Acrylonitrile-butadiene-styrene

Operating and electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	10 Ah
Battery voltage	3.2 V
Panel type	Poly crystalline
Panel voltage	5 V
Panel peak wattage	10 W
Charge controller type	PWM

Controls and dimming	
Dimmable	Yes
Configurability	Configurable

Mechanical and housing	
Overall length	220 mm
Overall width	53 mm
Overall height	170 mm

Approval and application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Initial performance (IEC compliant)	
Initial luminous flux (system flux)	1500 lm
Initial LED luminaire efficacy	150 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>70

Application conditions	
Ambient temperature range	0 to +45 °C
Solar dimming profile	As per remote controller

Essential SmartBright Solar Flood Light

Battery location	Inside luminaire

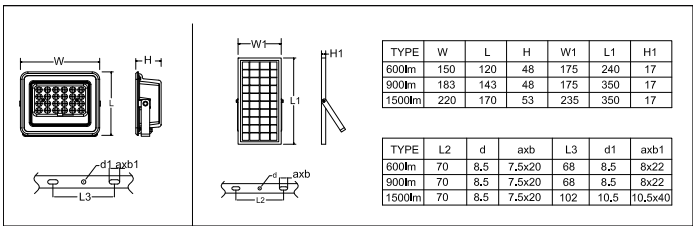
Product data

Full product code	692382864896199
Order product name	BVC080 LED15/765
EAN/UPC - Product	6923828648961
Order code	911401827402

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	5
Material Nr. (12NC)	911401827402
Net Weight (Piece)	1.730 kg

IP65

Dimensional drawing



TYPE	W	L	H	W1	L1	H1
600lm	150	120	48	175	240	17
900lm	183	143	48	175	350	17
1500lm	220	170	53	235	350	17

TYPE	L2	d	axb	L3	d1	axb1
600lm	70	8.5	7.5x20	68	8.5	8x22
900lm	70	8.5	7.5x20	68	8.5	8x22
1500lm	70	8.5	7.5x20	102	10.5	10.5x40

BVC080 LED15/765

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