



Essential SmartBright All-in-one Solar Pathway Light

BRC010 LED40/765 kit Pro G2

Integrated solar pathway light with Lithium Ferro Phosphate battery, solar panel and charger built into the luminaire. Optional wall mounting arm bracket. Microwave based motion sensor for optimizing battery autonomy.

Warnings and Safety

- · Not recommended to install this luminaire higher than 4 meters height.
- Install the luminaire in a sunny place that is not shaded by trees, buildings and walls, then the solar panel can receive the maximum sunlight for charging the battery.
- · Charge the product under sunlight for at least 8 hours before first time using.
- It works 100% on solar energy. This luminaire does not need any external electrical connection.

Product data

General Information	
Driver included	Yes
Warranty period	2 years
Light Technical	
Luminous Flux	4,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	160 lm/W
Color rendering index (CRI)	70
Operating and Electrical	
Line Frequency	- Hz

Battery type	LiFePO4		
Battery ampere hour	15 Ah		
Battery voltage	3.2 V		
Battery charging & discharging cycles	1000		
Panel type	Mono crystalline		
Panel voltage	4.5 V		
Panel peak wattage	14 W		
Charge controller type	PWM		
Connection	-		
Cable	-		
Grid connection type	Off grid		

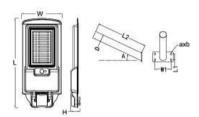
Datasheet, 2024, December 19 data subject to change

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Controls and Dimming				
Dimmable	Preset Dimming			
Configurability	Not configurable			
Control interface	-			
Solar dimming profile	Preset Dimming			
Mechanical and Housing				
Housing Color	Grey			
Overall length	508 mm			
Overall width	228 mm			
Overall height	44.5 mm			
Dimensions (Height x Width x Depth)	45 x 228 x 508 mm			
Material	Polycarbonate			
Battery location	Inbuilt luminaire			
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]			
Optical cover type	Polycarbonate			
Net Weight (Piece)	2.130 kg			

Approval and Application	
CE mark	Yes
EU RoHS compliant	Yes
Ambient temperature range	0 to +45 °C
Product Data	
Order product name	BRC010 LED40/765 kit Pro G2
Full product name	BRC010 LED40/765 kit Pro G2
Full product code	872016976527699
Order code	911401895002
Material Nr. (12NC)	911401895002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169765276
Numerator - Packs per outer box	5
EAN/UPC - Case	8720169765870

Dimensional drawing



					Unit: mr
TYPE	. W.	1	ЭН	D	A
10004m	171	371	44.5	38	15°
2000lm	203	412	44.5	48	25°
4000lm	228	508	44.5	48	25°
					Unit: mn
	TYPE	1.2	Li	Wt	D
	1000tm	360	40	88	10x15
	2000m	360	40	80	10x15
	4000m	960	40	90	10v15



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