

PHOTOVOLTAIC LUMINAIRE PVL-5, PVL-10, PVL-15A, PVL-15B

The photovoltaic luminaire is intended for illumination of park and garden tracks, places of rest, etc.

Advantages:

- Ability to equip public areas remote from electric mains
- The luminaire is extremely portable, due to its lightweight and compact design
- Regulation circuitry is incorporated into the design to prevent exceeding the output capability of the photovoltaic cells
- The luminaire is designed for outdoor use with an operating temperature range of +10 °C up to +40 °C at a relative humidity of up to 90 %



PVL-5



The luminaire PVL-10



The luminaire PVL-15A



The luminaire PVL-15B



Deeter Electronics Inc. follows a policy of continual development of its products and reserves the right to change specifications and/or features without notice
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Main technical characteristics					
Parameters		PVL-5	PVL-10	PVL-15A	PVL-15B
PV luminaire	Charging time from a PV module at 50 % discharge depth of a storage battery, h	7			
	Glowing time, h	6.5			
	Illumination of a horizontal surface at the distance from the lamp:				
	At the base	20	30	9	
	1 m	15	26	6.5	
	2 m	2	8	2.5	
	3 m	0.3	4	1.5	
	Dimension (tolerances ± 1 mm), mm	1050 x 655 x 655	(2240...2440) x 655 x 655	1970 x 655 x 655	
Weight, kg	16	20	16		
PV module	Type	PSM0-10	PSM1-20 or RSM0-16		
PV Controller	High voltage disconnect (setting), V	14.4 \pm 2			
Storage battery	Type	FIAMM FG			
	Rated voltage, V	12			
	Capacity at 20 hour discharge mode, A/h	7.2	12		
Lamp	Type	Fluorescent			
	Power (total power consumption), W	4 (5)	9 (12)		



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