

General information

Product series	Projector LED
Product type	Solar floodlight
LED chips manufacturer	Bridgelux
Installation options	On surface
Intelligent control	None, optional microwave sensor.
Certificates	CE, RoHS
Warranty	2 years
Materials	PC+AL+SI

Usage characteristics

Recommended installation height	4-6m (100W) 6-8m (200W) 8-10m (300W)
Charging cycles	about 1500
On time after full charge	10-12h
Full charge time	5-8h

Light technical characteristics

Luminous flux	max 6000lm
Color temperature	4000K, 6000K
Beam angle	130 x 90°
Color consistency	<6SDCM

Electrical characteristics

Nominal solar panel power	max 100W
Halogen floodlight equivalent	max 300W
Input voltage	5V (18V dla 300W)

Operating characteristics

Lifetime	50 000h
On/off cycles	>100 000
LLMF	>0,7
IP class	65
IK class	08
Warm up time	negligible
Starting time	<0,5s
Working temperature	-20 do 50 st. C.
Cable	1m H05RN-F2G 1.0mm ²



index	IP	luminous flux	beam angle	color temperature	CRI	battery	panel size	lamp size
LUS100RXN	65	2000lm	130x90°	4000K	>80	3,2V 25Ah	350x810x25mm	409x165x54mm
LUS100RX	65	2000lm	130x90°	6000K	>80	3,2V 25Ah	350x810x25mm	409x165x54mm
LUS200RXN	65	4000lm	130x90°	4000K	>80	3,2V 75Ah	600x670x30mm	498x165x54mm
LUS200RX	65	4000lm	130x90°	6000K	>80	3,2V 75Ah	600x670x30mm	498x165x54mm
LUS300RXN	65	6000lm	130x90°	4000K	>80	12V 40Ah	600x1300x35mm	571x246x75mm
LUS300RX	65	6000lm	130x90°	6000K	>80	12V 40Ah	600x1300x35mm	571x246x75mm

Solar panel performance depends on local sun time, weather and installation place.