

# User Manual

PAR38&PAR30 led Main Technical Parameters		
Input Voltage	AC90-230V	
Frequency Range	50/60HZ	
Power Factor	>0.9	
Power Efficiency	>80%	
Working Voltage	3.3V	
Led Consumption	13W(PAR38)/8W(PAR30)	
System Consumption	16W(PAR38)/11W(PAR30)	
Led Luminous Efficiency	55-100LM/W	
Led Initial Flux	WW	580(PAR38)/400(PAR30)
	PW	620(PAR38)/450(PAR30)
	CW	680(PAR38)/500(PAR30)
Lamp's Efficiency	>85%	
Color Temperature	WW	3000K
	PW	4000K
	CW	5000K
Color Rendering Index	WW	>80
	PW	>75
	CW	>72
beam angle	25° / 45°	
Light Design	LED with the lens of the second match to light	
Working Temperature	-40°C-60°C	
Storage Temperature	-40°C-60°C	
Working Life-span	>35000H	

## FCC NOTE:

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to the equipment. Such modification could void the user's authority to operate the equipment.

This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communication equipment operating between 0.45-30MHz.