



PARUS LED grow light

ATUM Series Specification

	Model Name	PMF-M10	PMF-M20	PMF-M30
Product	System Power Consumption	25°C 17Watt(Max)	25°C 25Watt(Max)	25°C 30Watt(Max)
	Dimension(LxWxH)	360mmx180mmx390mm	650mmx180mmx390mm	650mmx300mmx470mm
	Packing(LxWxH)	390mmx123mmx435mm	720mmx133mmx420mm	710mmx143mmx490mm
	Weight	4.2kg	6.5kg	10kg
Power	AC input voltage range	Free90~245VAC,50/60Hz		
	SMPS mode (ballast)	DC Current(25V, 1A)	DC Current(24V,1.5A)	DC Current(24V,1.5A)
	Protection	Short circuit		
	Power Factor	Over 85%		
LEDs	Ratio(R:B:O)	(0:0:7)	(0:0:7)	(11:3:4)
	Light source	Hi-Power 500mA LED	Hi-Power 500mA LED	Hi-Power 700mA LED
	Total number of LED's	7EA	14EA	18EA
	Used LED	Hi-power Grow White		Hi-power Grow LED
Heat Sink	Heat Sink Type	Cooling by free air convection		
	FRAME Metrial	Body	Black Aluminium	Silver Aluminium
		PCB	Metal PCB(aluminium)	
		Heat conduction	1.8 w/m.k	
		Thermal resistance	0.18 °C/w	
Metrial	Body Panel, Water Tray, Etc	PMMA, ABS		PMMA
Efficiency	PPFD	250 μmol m-2 s-1 (@ 200mm H)	250 μmol m-2 s-1 (@ 200mm H)	350 μmol m-2 s-1 (@ 200mm H)
Ambient Temperature	Storage Temp.	-30°C ~ 85°C		
	Operation Temp.	~35°C		
Angle	Lamp angle	60°		90°
Life time		Over 30,000hr		
Safety	Standard	CE, EMC, LVD		
Warranty	2 year	2 year		