



PARUS LED grow light

LUCIS Specification



Product	Model Name		LUCIS
	Power Consumption		Max. 22 Watt Dimming Control
	Dimension(LxWxH)		600mm x 45mm x 18.5mm
	Packing(LxWxH)		660mm x 115mm x 85mm
	Weight		0.5kg
Power	AC input voltage range		Free voltage 90~245VAC, 50~60Hz
	SMPS mode (PSU)		DC Current Design(C.C Mode)
	Protection		Short circuit, Overload, Over voltage
	Power Factor		Over 85%
LEDs	Spectrum Ratio(R:B:W)		(RED 2 : Blue 0 : Grow White 6)
	Light source		Hi-Power 350mA ~ 1050mA LED
	Total number of LED's		8 pcs
Heat Sink	Heat Sink Type		Cooling by free air convection
	FRAME Material	Body	Aluminium
		PCB	Metal PCB(aluminium)
		Heat conduction	1.8 w/m.k
		Thermal resistance	0.18 °C/w
IP Class	IP54	complete protection against contact, Water projected in powerful jets against the enclosure from any direction shall have no harmful effects.	
Efficiency	PPFD	295 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (@ 100mm H) 120 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (@ 250mm H) 80 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (@ 380mm H) 50 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (@ 520mm H)	
Pulse Wavelength	Pulse	400 μs	
	Duty rate	1~100%	
Ambient Temperature	Storage Temp.	-30°C ~ 85°C	
	Operation Temp.	~30°C	
Angle	Lamp angle	120°	
Life time		Over 50,000hr	
Safety	Standard(LED Driver)	CE, EMC	
Warranty	2 years	(2 years)	