

Indent No. : SAC/CPUR/ESSA/2024001483

Indent Title: UV curing system

UV Curing Lamp/Head

Technical specification			Vendor's Compliance with values
Sr. No.	Parameter	SAC Supplied Specification	
1.	Wavelength	365 nm	
2.	Source	LED Source	
3.	Focusing Lens	Focusing lens 1 : \varnothing 3 mm \pm 1 mm Focusing lens 2 : \varnothing 10 mm \pm 1 mm	
4.	Irradiance	Supplied head and focusing lens should be able to deliver peak irradiance of between 13.5 and 19.5 W/cm ² @ 365 nm	
5.	Working distance	With Focusing lens 1 : 8 mm \pm 1 mm With Focusing lens 2 : 16 mm \pm 1 mm	
6.	Lamp/Head dimension	Outside diameter : 15 mm \pm 5 mm Length : 60 mm \pm 10 mm	
7.	Cable of the head/lamp	1 meter + 0.5 m	
8.	Extension cable	3 meter \pm 0.5 m	
9.	Compatibility	Supplied head and lamp should be of the same OEM as of the quoted controller and should be compatible (Mechanically and optically) with the quoted controller.	
10.	Warranty	3 year or greater	
11.	OEM Authorization	OEM authorization must be provided if not quoted by the OEM	