

Xenon Light Source



RICX300 series light source has high output from UV to NIR, RICX300-F focus on simulated sunlight of visible light; RICX300-UV has strong continuous output within 200-400nm and focus on applications of high UV requirements.

Specification

Parameters	RICX300-F	RICX300-UV
Power Supply Voltage	100 – 240VAC, 50-60Hz	100 – 240VAC, 50-60Hz
Rated Power	300W(180~320W)	300W(180~320W)
Current	DC 21A(10A~22A)	DC 21A(10A~22A)
Voltage	DC 14V(13~16V)	DC 14V(13~16V)
Ignition Voltage	23 kilovolts (minimum)	23 kilovolts (minimum)
Spectral range	320 - 2500 nm 380 -780 nm* (-H Optional)	200 - 2500 nm
Radiant Output	50W	50W
UV Output < 390 nm	2.6W	6.6W
IR Output > 770 nm	28.8W	26.8W
VIS Output 390 – 770 nm	5000 Lumens	4500 Lumens
Color Temperature	5600K	5050K
Peak Instabilities	4%	4%
Beam Geometry**	50/60/70	50/60/70
Lamp Arc Gap	1.24 mm	1.24 mm
Lamp Window Dia	25.4 mm	25.4 mm
Lamp Life	1000 hrs	1000 hrs
Reflector coating	Silver	Aluminium
Beam Diameter	30 - 50 mm	30 - 50 mm
Certificate	ISO 9001:2015 , CE	

* - H : Hot Mirror Filter Optional

** Beam Geometry defined as the half angle at 10% PTS after 01/100/1000 hours

Contact Our Sales
Specialist: →

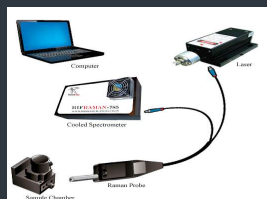
sales@research-
india.co.in

rresearchindia@
gmail.com

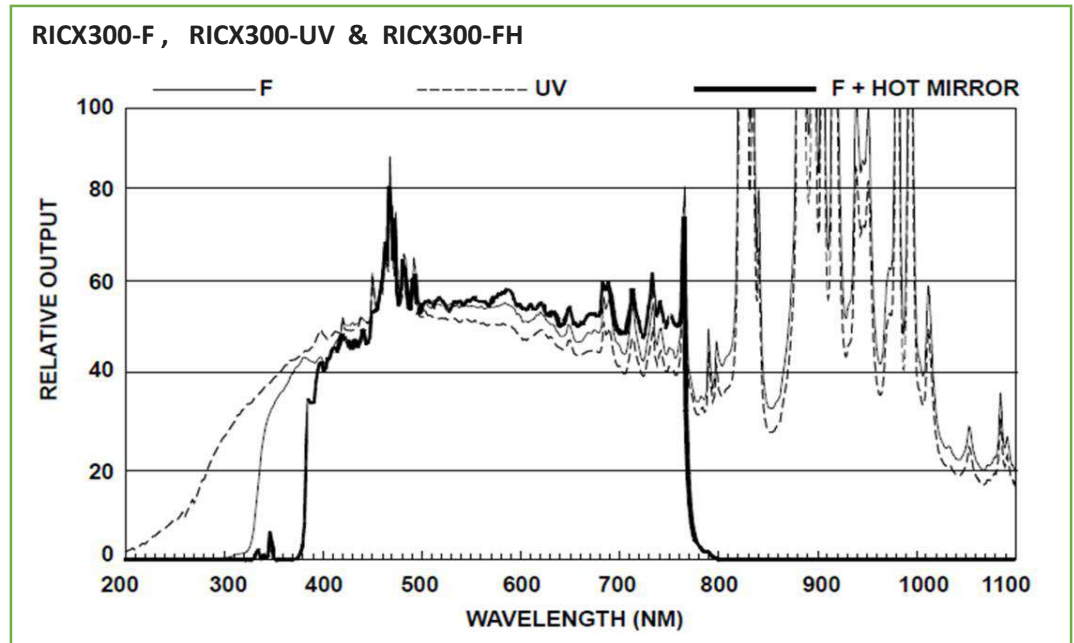
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RIFR 532/785 - Fiber
Optic Based Raman
System, available
version 532 & 785 nm



Spectral Output



Application :

Photocatalysis, industrial catalysis, hydrogen aquatic photolysis, photochemical catalysis, photochemistry synthesis, optical degradation of pollutants, water pollution treatment, biological light, optical detection, various accelerated test simulated sunlight visible, ultraviolet band accelerated test and other research areas.

Characteristic :

- High effective parabolic condenser ensure high collimation and high energy output.
- The light height can be adjustable according to customer's requirement.
- High effective air-cooling has Improved Bulb Lifetime
- Fiber Coupling (Optional)



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Contact Our Sales
Specialist: →

sales@research-
india.co.in

rresearchindia@
gmail.com

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