

300W Photocatalysis Light Source



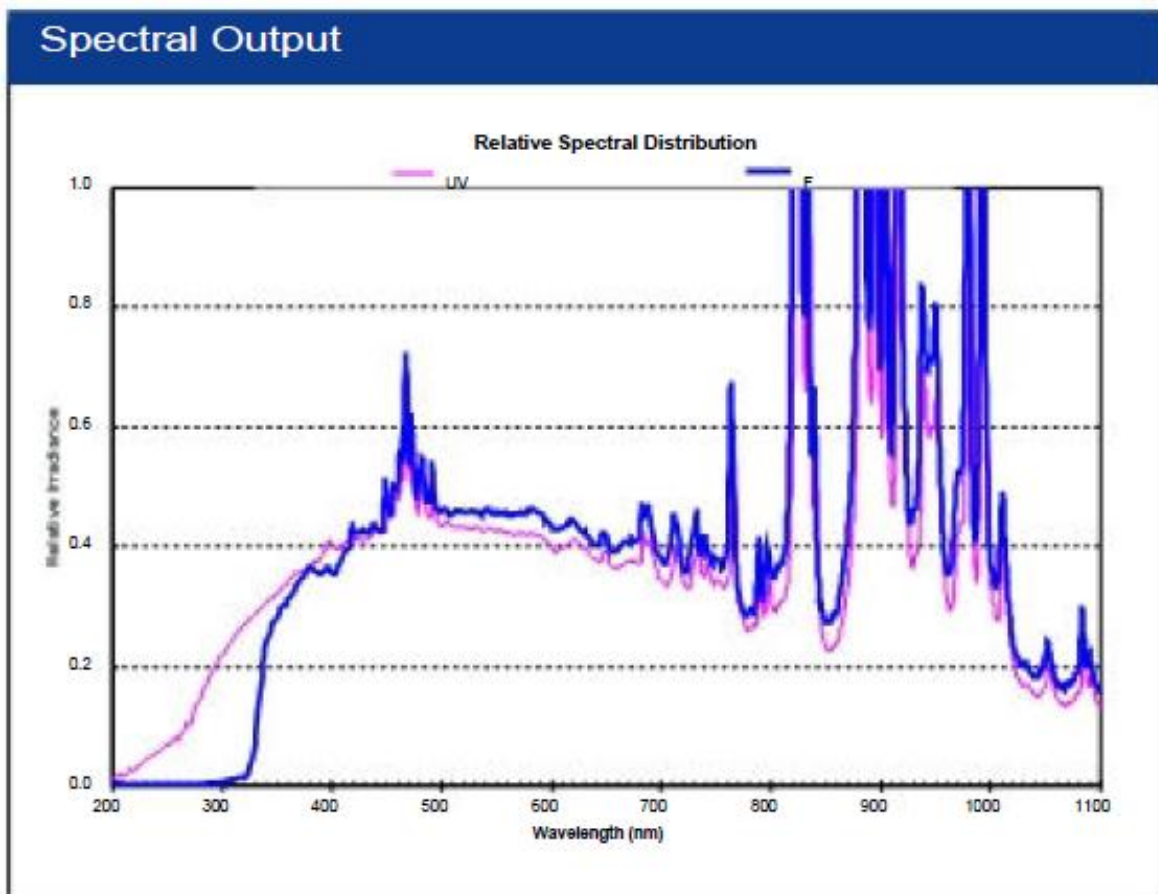
300W Photocatalysis Light Source

- High collimation, high energy output
- High stability, instability degree <math>< 1^\circ</math>
- The function of turning off light within certain time
- High effective air-cooling and long bulb lifetime
- Accessories: right bracket, filter, fiber holder and so on



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



Specification

Parameters	Sirius300PX-F	Sirius300PX-UV
Power Supply Voltage	AC190~240V 50Hz FUSE~5A	AC190~240V 50Hz FUSE~5A
Rated Power	300W(180~320W)	300W (180W~320W)
Current	DC 21A(10A~22A)	DC 21A(10A~22A)
Voltage	DC 14V(13~16V)	DC 14V(13~16V)
Output Power	50W	50W
Spectral Range	320~2500nm	200~2500nm
Output Powe(UV)<390nm(Watts)	2.6W	6.6W
Output Powe(IR) >770nm(Watts)	28.8	26.8
VIS Output 390-770nm (Lumens)	5000Lu	4500Lu
Power Intensity	5~15 Sun@50mm	5~15 Sun@50mm
Color Temperature	5600K	5050K
Bean Diameter	Φ30~70mm adjustable (@100mm from light output port)	Φ30~70mm adjustable (@100mm from light output port)
Divergence Angle of Parallel Light	Average 5°	Average 5°
Center Height of Output Light	70-220mm adjutable	70-220mm adjustable
Bulb Life (Hours)	1000H to 6000H	1000H to 6000H
Size	341mmx244mmx290mm	341mmx244mmx290mm