

BFM

SHIELD FLANGE MODULE

Surface treatment · Effective · Reliable

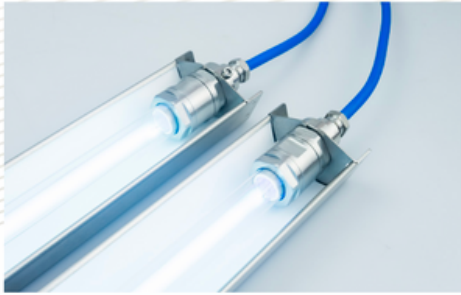
UVpro radiators of the BFM series are ideal for the reliable treatment of foils and mug and bottle openings. By the reflector, the directional radiation reaches into the depths of containers and at appropriate alignment also on the walls.

For packing and filling machines

High directional performance

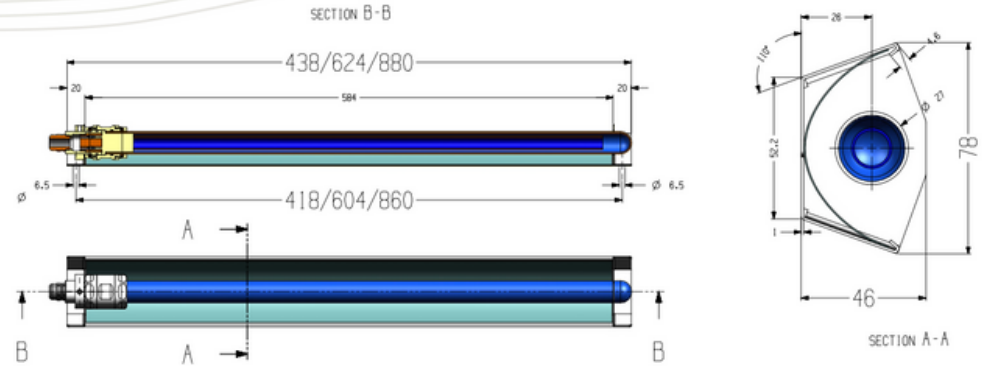
Installation via two mounting holes on the shield

HACCP and IFS conform, protection class IP68



SPECIFICATIONS

Short name	UVpro BFM		
In conformity with requirements	EMC, CE, IP68		
Material	stainless steel: WN 1.4301 and WN1.4305		
Operating temperature [°C]	-10...+25		
Suitable UVpro lamp	UVpro K(T)20-2/-4	UVpro K(T)30-2/-4	UVpro K(T)36-2/-4
Type [mono / duo]	UVpro BFMM 40 / UVpro BFMD 40		
Input power [W]	21 / 42	31 / 62	41 / 82
Current flow [mA]	110 / 210	145 / 290	195 / 390
Total UVC output [$W_{253.7\text{ nm}}$]	7 / 14	11 / 22	16 / 32
Lamp intensity without refl. at 1 m [$\mu\text{W}/\text{cm}^2$]	65	95	150
Size, shield (L x W x H) [mm]	438 x 78 x 46	624 x 78 x 46	880 x 78 x 46
Weight [kg]	~ 3.4 / 4.6	~ 3.8 / 5.35	~ 4.35 / 6.3
Radiation angle [°]	~180		
Lamp replacement interval [h]	12,000 (75 % ^{+5%} output performance)		
Life expectancy electronics	> 10 years		
Supply voltage [V_{AC}]	220...240 (50...60 Hz)		
Cable length, grid / lamp [m]	10 (length customisable) / 1		



Application Optimised UV for



Food & Beverage
Industrial UV



Healthcare
Industrial UV



Pharmaceuticals
Industrial UV



Bioclimatic B.V.
The Netherlands

+31 252 626962
info@bioclimatic.nl
www.bioclimatic.nl