

# BFM

## Shield flange module - surface disinfection, effective and reliable

**UVpro**



- for packing and filling machines
- high directional performance
- installation via two mounting holes on the shield
- HACCP and IFS conform, protection class IP68

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

### SPECIFICATIONS

Short name	<b>UVpro BFM</b>		
In conformity with requirements	EMV, CE, IP68		
Material	stainless steel: WN 1.4301 and WN1.4305		
Operating temperature [°C]	-10...+25		
Suitable UVpro tube	<b>UVpro K(T)20-2/-4</b>	<b>UVpro K(T)30-2/-4</b>	<b>UVpro K(T)36-2/-4</b>
Type [mono / duo]	<b>UVpro BFMM 40 / UVpro BFMD 40</b>		
Input power [W]	21 / 42	31 / 62	41 / 82
Current flow [mA]	<b>110 / 210</b>	<b>145 / 290</b>	<b>195 / 390</b>
Total UVC output [W253,7 nm]	7 / 14	11 / 22	16 / 32
Tube 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		
Tube replacement interval [h]	12.000 (75 % $\pm$ 5 % output performance)		
Life expectancy electronics	> 10 years		
Supply voltage [VAC]	220...240 (50...60 Hz)		
Power cable length [m]	10 (length customisable)		

technical changes reserved

