



## **BFM**

### *SHIELD FLANGE MODULE*

#### **Surface treatment · Effective · Reliable**

**UVpro** radiators of the **BFM** series are ideal for reliable treatment 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.

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**For packing and filling machines**

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**High directional performance**

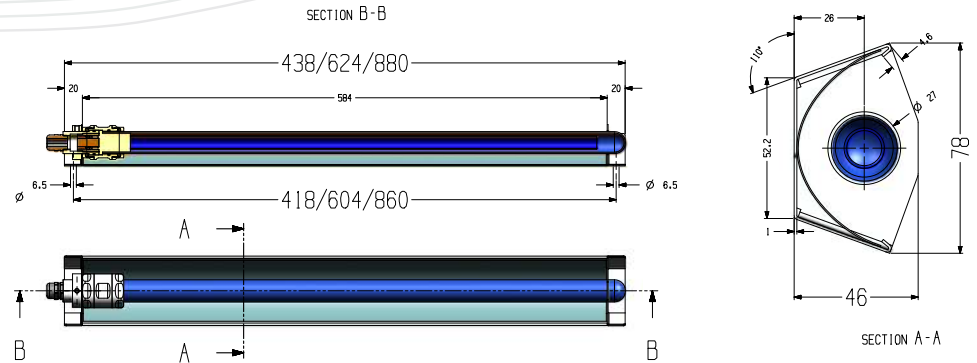
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**Installation via two mounting holes on the shield**

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**HACCP and IFS conform, protection class IP68**

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## 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 [ $W_{253,7}$ nm]	7 / 14	11 / 22	16 / 32
Lamp intensity without refl. at 1 m [ $\mu$ W/cm <sup>2</sup> ]	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 % <sup>+5%</sup> output performance)		
Life expectancy electronics	> 10 years		
Supply voltage [V <sub>AC</sub> ]	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



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