



FM

FLANGE MODULE

Rugged · Waterproof · Hygienic Design

Maximum flexibility in use and performance

UVpro FM flange modules are available as mono and duo devices. The modules are ideal for first-time or subsequent installation in air ducts, storage tanks as well as surface treatment in crate washers etc. Especially the variety of possible applications, the high reliability and the easiness of installation makes it to our all-rounder.

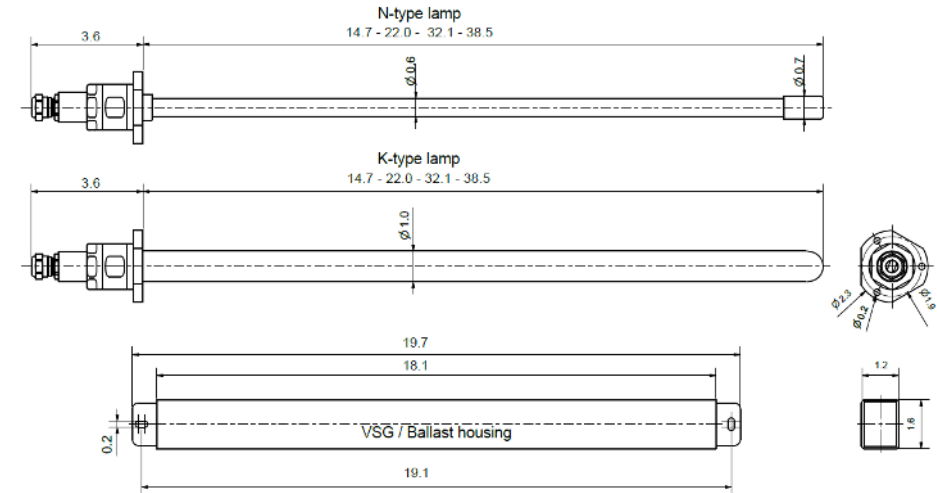
- For air ducts, tanks, basins, in facilities etc.
- Suitable for full immersion (IP68)
- Easy installation, also subsequently





SPECIFICATIONS

Short name	UVpro FM		
In conformity with requirements	EMC, FCC, CE, IP68		
Certifications	NRTL & IP codes by TÜV Süd, ballasts by UL		
Material	V2A 1.4301 (304) or optionally V4A 1.4404 (316L)		
Operating temperature [°F]	32-104		
Optimal lamp ambient temperature [°F]	K-type: 32-77 / N-type : 68-104		
Suitable UVpro lamp	UVpro K(T) 20-4	UVpro K(T) 30-4	UVpro K(T) 40-4
	UVpro N(T) 20-4	UVpro N(T) 30-4	UVpro N(T) 40-4
Type [mono/duo]	UVpro FMM 40 / UVpro FMD 40		
Input power [W]	21 / 42	31 / 62	41 / 82
Current flow [A at 110V]	0.19 / 0.38	0.28 / 0.56	0.37 / 0.75
Current flow [A at 230V]	0.10 / 0.18	0.13 / 0.27	0.18 / 0.36
Total UVC output [$W_{253,7\text{ nm}}$]	7 / 14	11 / 22	14 / 28
Lamp intensity at 1m [$\mu\text{W}/\text{in}^2$]	419	613	968
Lamp length from screw joint [inch]	14.7	22.0	32.1
Weight [lb]	5.8 / 7.1	7.1 / 7.2	6.1 / 7.3
Lamp replacement interval [h]	12,000 (75% $\pm 5\%$ output performance)		
Life expectancy electronics	> 10 years		
Supply voltage [V_{AC}]	110-230V AC 50/60Hz		
Cable length, grid/lamp [ft]	32.8 (customisable) / 3.3		



Application Optimised UV for



United States

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