

LBD 40

BUILT-IN MODULES



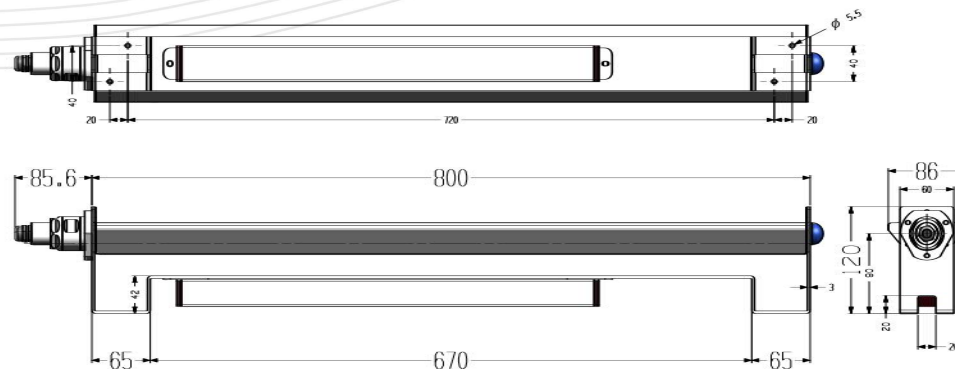
For most adverse environments

UVpro LBD is ideal for the reliable treatment of air and surfaces and is particularly suitable for use in cooling units and for the treatment of cooling lamellas. The units can be mounted either on the ceiling, on the wall or directly in the air cooler. The reflector can be swivelled, so that the direction of radiation can be flexibly determined and the LBD can be put into operation even during working hours. A robust concept of stainless steel and non-corrosive reflector allows wet and foam cleaning.

For the treatment of air and surfaces

For laboratories, cooling- and production rooms

Robust design, easy cleaning (IP68)



SPECIFICATIONS

Type	UVpro LBD 40
In conformity with requirements	EMC, CE, IP68
Material	Stainless steel: WN 1.4301 and WN 1.4305, PTFE
Operating temperature [°C]	-10...+20
Elektrische Leistungsaufnahme [W]	41
Current flow [mA]	195
Suitable UVpro lamp	UVpro K(T)40-4
Total UVC output [$W_{253,7}$ nm]	32
Lamp intensity at 1 m [μ W/cm ²]	150
Measurements (L x B x H) [mm]	894 x 40 x 120 (or 894 x 86 x 120)
Weight [kg]	~4
Reflector rotation 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)
Power cable [m]	3.5 (customisable)

Application Optimised UV for



Food & Beverage
Industrial UV



Healthcare
Industrial UV



Pharmaceuticals
Industrial UV



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