



INTEGRATION TECHNOLOGY

A METZ HOLDING COMPANY



SC Series

CLASS LEADING COMPACT, HIGH OUTPUT, WATER COOLED
UV LED SOLUTIONS

SC Series with its unbeatable dose and unmatched linearity of output can outperform other watercooled units of this type - even those claiming higher peak intensity.

SC Series

ADVANTAGES

- High performance LEDs (up to 28W/cm²)
- XT8 UV LED booster technology
- Field replaceable modules offering extended service life
- Available at wavelengths of 365nm, 385nm, 395nm, or 405nm
- Driver electronics fully integrated within the lamp head

SPECIFICATIONS

Power	20W - 28W/cm ²
Wavelength	365nm, 385nm, 395nm, 405nm or mixed wavelengths
Emission window	23mm - 54mmwidth
Operation Temperature	Up to 45°C depending on humidity level
Cooling	STEADYcool Technology (water cooled)
Cooling water temp.	24 - 26°C
Protocol	Standard I/O and RS485
Cable	up to 12m supply and signal
Addressability	30mm steps
Power output	10 - 100%
Weight	700g (per 90mm step)
Dimensions (W x H)	43mm x 182mm
Options	<ul style="list-style-type: none"> • Length >540mm • Low profile head • Sealing according to IP54 • Chiller

FEATURES

- Available in 4 alternative wavelengths
- Solid output (non-pulse width modulated)
- Class leading dose
- Fully scalable in length
- Switch mode power supply unit which ensures world-wide compatibility
- Variable Power
- Addressable as standard, offering width switching or zone selection
- STEADYcool

APPLICATIONS

- Coding & Marking
- Packaging
- Labels
- Printed electronics
- Materials Deposition
- Ceramic Tiles
- Decor
- Security
- Product Decoration
- Coatings
- Adhesives
- Functional coatings

