

SPECTROLINE TRITAN™ 365 UV-A-LED-Handlamps

- more efficient than ordinary 100 Watt mercury-vapor lamps
- extra long-lasting, state-of-the-art LED-Technology
- Peak-Wavelength: 365 nm (± 5 nm)
- instant ON/OFF
- 3 high-quality UV-LEDs
- robust, lightweight plastic housing
- high-quality fan-cooling
- NO visible reflections, also on shining surfaces
- tough industrial-grade
- light and handy lamp head (only 0.6 kg)
- optional operation on wall power supply, rechargeable battery or industrial power supply
- extra large irradiation area for optimal examination performance*
- exceptional uniform distribution of the radiation*



* FL-Version



Spectroline® Tritan™ UV-LED-Handlamps for industrial use

Accessories:



special white-light filter for maximum contrast and NO reflections
800-UV-FGT



robust industrial power supply in sheet steel housing
800-NG-75



plastic case with form-inlay for save storage and transportation
800-KO-TRI



12 Volt rechargeable Battery-Pack with charger for mobile operation

Focus:	Floodlamp (FL)	Focussed Lamp (F1)
Peak-Wavelength:	365 nm (±5 nm)	
FWHM (Full Width Half Maximum):	< 18 nm	
UV-A-Intensity in 38 cm (15 in.) Distance (high level):	> 2,000 µW/cm² (20 W/m²)	> 8,000 µW/cm² (80 W/m²)
Minimum Working Distance:	5 cm (2 in.)	20 cm (8 in.)
Irradiated Area in 38 cm (15 in.) > 1,000 µW/cm² (10W/m²):	Ø 17 cm (7 in.)	Ø 12 cm (5 in.)
Irradiated Area in 38 cm (15 in.) > 100 µW/cm² (1W/m²) [realized area]:	Ø 32 cm (13 in.)	Ø 23 cm (9 in.)
UV-Intensity levels:	1	
Stability of UV-Intensity:	> 80 %	
UV-Radiation Drop at the Border:	soft	strong
Number of UV-LEDs:	3	
Number of White-Light-LEDs:	1	
Typical Life Time T70:	> 8,000 h	
Typical Life Time T50:	> 10,000 h	
Risk Class according to DGZfP EM-6:	2	
UV-A-Intensity (in 20 cm distance):	10,000 µW/cm² (100 W/m²)	20,000 µW/cm² (200 W/m²)
UV-A-Intensity (in 60 cm distance):	1,400 µW/cm² (14 W/m²)	5,000 µW/cm² (50 W/m²)
Visible Reflections:	minimal, no reflections with optional special filter*	
Battery Capacity:	3 hours of continuous UV-operation, 8 hours of continuous white-light-operation	
input voltage:		
weight:	210 x 150 x 90 mm (8,3 x 5,9 x 3,5 in.)	
Weight Lamp Head:	600 g (1,3 lbs)	
Weight optional rechargeable Battery-Pack:	810 g (1,8 lbs)	
Types:	Floodlamp (FL)	Focussed Lamp (F1)
2,5 m Cable Connection with fixed wall power supply:	808-SE-TRI365-F-FL	808-SE-TRI365-F-F1
6 m Cable Connection with fixed wall power supply:	808-SE-TRI365-XF-FL	808-SE-TRI365-XF-F1
mobile Lamp (Battery and mains operation):	808-SE-TRI365-MF-FL	808-SE-TRI365-MF-F1

* when using ISO/DIS 3059 conform, clear UV-Protection-Glasses (Artikel 800-UV-SB-NR)



We reserve the right of error, improvement and technical modification without notice.

