

# Labino<sup>®</sup> EM6 Filter



MAKES IT BRIGHT

## RISK CLASS 2 | MIDLIGHT

- The Labino<sup>®</sup> EM6 filter is a specially designed UV barrier filter.
- Labino UV **Midlight** lamps, when fitted with the Labino EM6 filter, meet EM6 risk class 2 regulations according to the standards set by German BGFE.
- All models of Labino UV **Midlight** lamps can be ordered with the EM6 filter.
- It's even possible to upgrade Labino UV **Midlight** lamps to EM6 class 2 by replacing the original MUG2 filter with the EM6 filter.
- Labino<sup>®</sup> UV lamps produce intense UV output thereby creating extreme excitation of fluorescent material.
- Labino<sup>®</sup> lamps are based on two key components – the Labino DUV-35 W Gas Discharge Bulb (MPXL technology) and the Labino Trigger Ballast (Electronics). The interface technology between these key components creates unbeatable output performance.



EM6 Risk Class 2 UV Filter



Labino UV Midlight lamp with EM6 Filter

## TECHNICAL SPECIFICATION

### Midlight reflector with EM6 filter

- Distribution angle (beam) 20°
- UV  $\approx 5700 \mu\text{W}/\text{cm}^2$  at 38 cm
- White light  $\leq 8 \text{ lux}$  at 38 cm\*

### EM6 filter

- $E_{\text{eff}} = 0.00486 \text{ w}/\text{m}^2$
- EM6 Class 2 = 0.001 – 0.010  $\text{w}/\text{m}^2$
- $T_{\text{max}} = 102 \text{ minutes}$  at 38 cm
- Size: 144 mm in diameter

*$E_{\text{eff}}$  refers to the effective radiant intensity that the lamp emits.*

*$T_{\text{max}}$  refers to the maximum exposure time to UV light without additive damage to the skin or eyes*

### Labino UV lamps

- Wavelength: UV-A, peak at 365 nm
- Start-up time: full power after 5-15 sec
- S, CE, ETL/cETL approved
- IP65 classified, dust and temporary water jetting proof
- Manufactured in Sweden

#### DISTRIBUTOR:



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\*Using a Labino certified and calibrated non-fluorescent white-light meter.