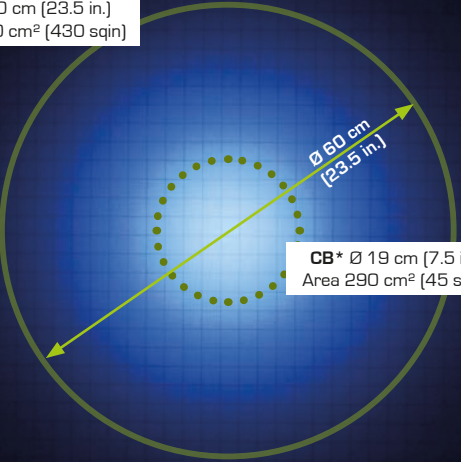


BEAM STYLE and UNIFORMITY MATTERS!

Beside Quality and Reliability..... and our Groundbreaking Integrated Features

1:1 Beam Comparison of SECU-CHEK's NEXT GENERATION UV LED LAMPs and common UV-A Sources in 38 cm (in 15 in.) distance

SECU-CHEK
UVE 365 H1-18 W FL

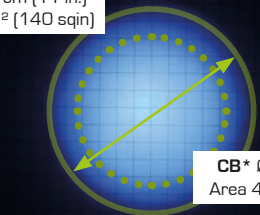


UB* Ø 60 cm (23.5 in.)
Area 2.800 cm² (430 sqin)

CB* Ø 19 cm (7.5 in.)
Area 290 cm² (45 sqin)

More Uniform than Mercury Vapour Lamps
Without Compromises for Secure and Enhanced Inspection
(Faster, Easier and Less Tiring)

Common Simple UV LED Lamp
with 5 UV LEDs



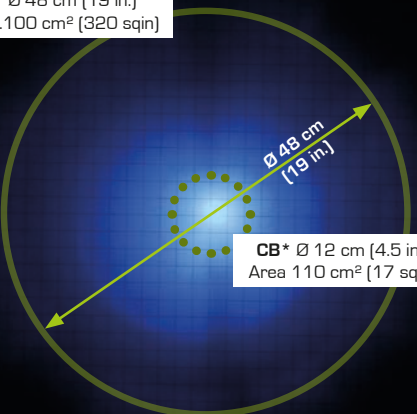
UB* Ø 30.5 cm (11 in.)
Area 900 cm² (140 sqin)

CB* Ø 20.5 cm (8 in.)
Area 430 cm² (65 sqin)

Typical Commercially Available UV LED Lamp
(Detrimental to the Inspection Process)*

* Due to the Exclusion of the Detection Capability of the Peripheral Vision and the Generation of Flickering when moving due to Non-Uniformities

Unwritten Standard
100 Watt Mercury Vapor Lamp



UB* Ø 48 cm (19 in.)
Area 2.100 cm² (320 sqin)

CB* Ø 12 cm (4.5 in.)
Area 110 cm² (17 sqin)

The Baseline for
Non Destructive Testing
for more than 30 Years

○ *Usable Beam (UB)
≥ 100 µW/cm² (≥ 1 W/m²)

○ *Central Beam (CB)
≥ 1.200 µW/cm² (≥ 12 W/m²)

SECU-CHEK UV LED Lamps are Especially Designed for NDT and Offer TOTAL UNIFORMITY of the Beam with Soft Drop-Off at the Edges as Required for Fluorescent Magnetic Particle Testing (MPI) and Fluorescent Penetrant Testing (FPI) by Leading Aerospace Standards like Airbus AITM 6-1001, ISSUE 11 and Rolls Royce RRES 90061.

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