



PICTO Benelux

MAKING A U.V. LIGHTING UNIT

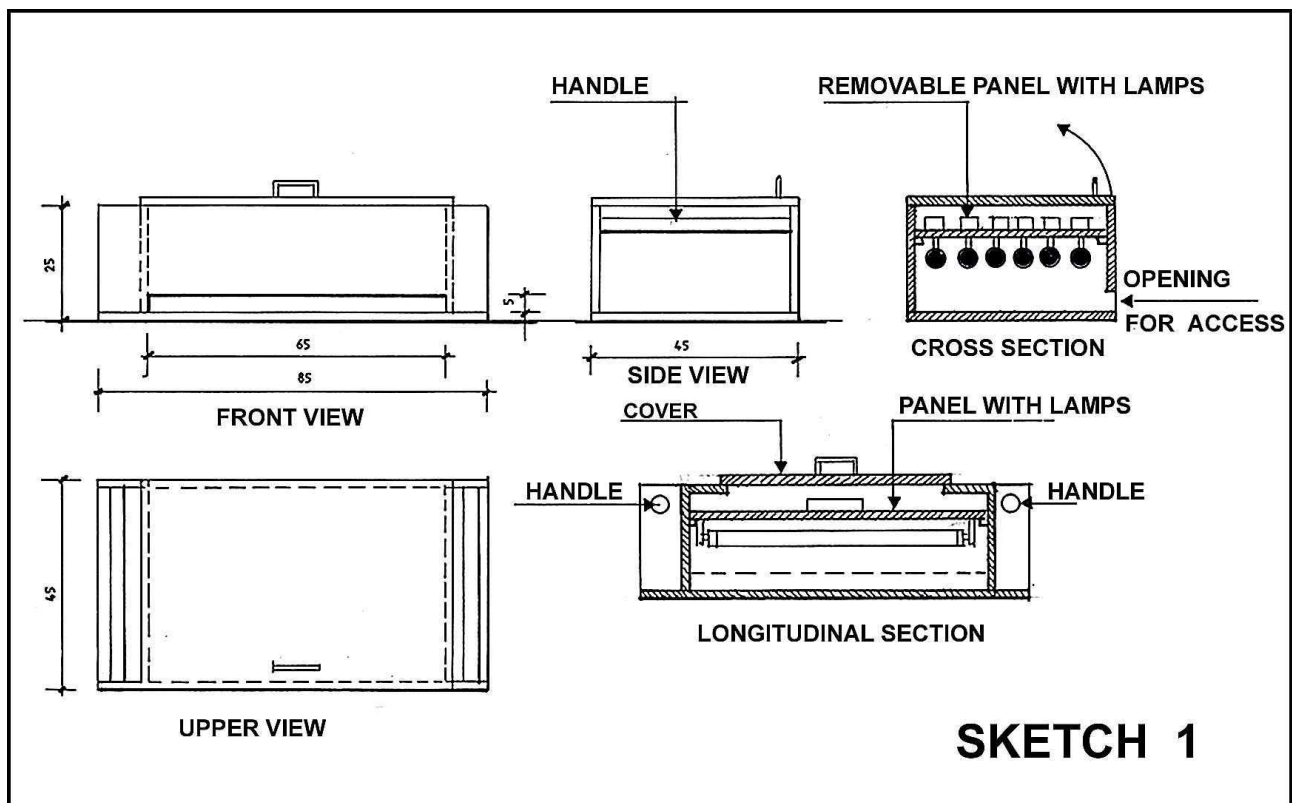
René Smets

As you know, all historical printing processes involving contact printing require an exposure to ultra-violet light. Daylight is adequate, but due to its important variations during the day, it is nearly impossible to define standard exposure times. The only solution therefore is to build a UV lighting unit. Here is how I made mine.

I used melamine faced chipboard (MFC) panels, which you can find in any DIY shop. You can have this panels cut to dimensions at the shop. For finishing, you might use melamine edging tape.

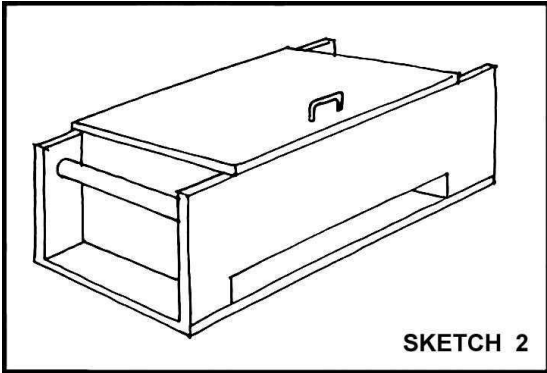
Sketch 1 shows in detail the assembly of the unit's various parts.

It has a base panel on which side-, front- and back panels are screwed.



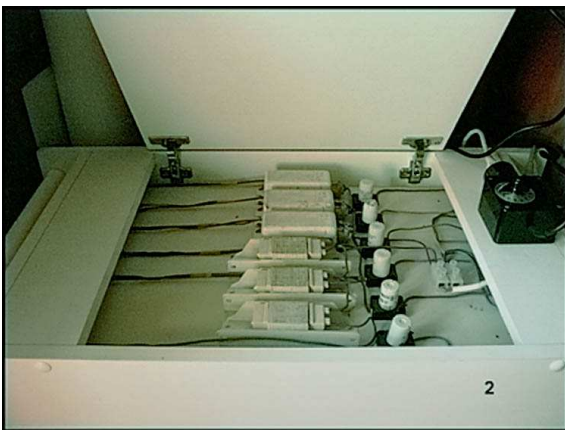
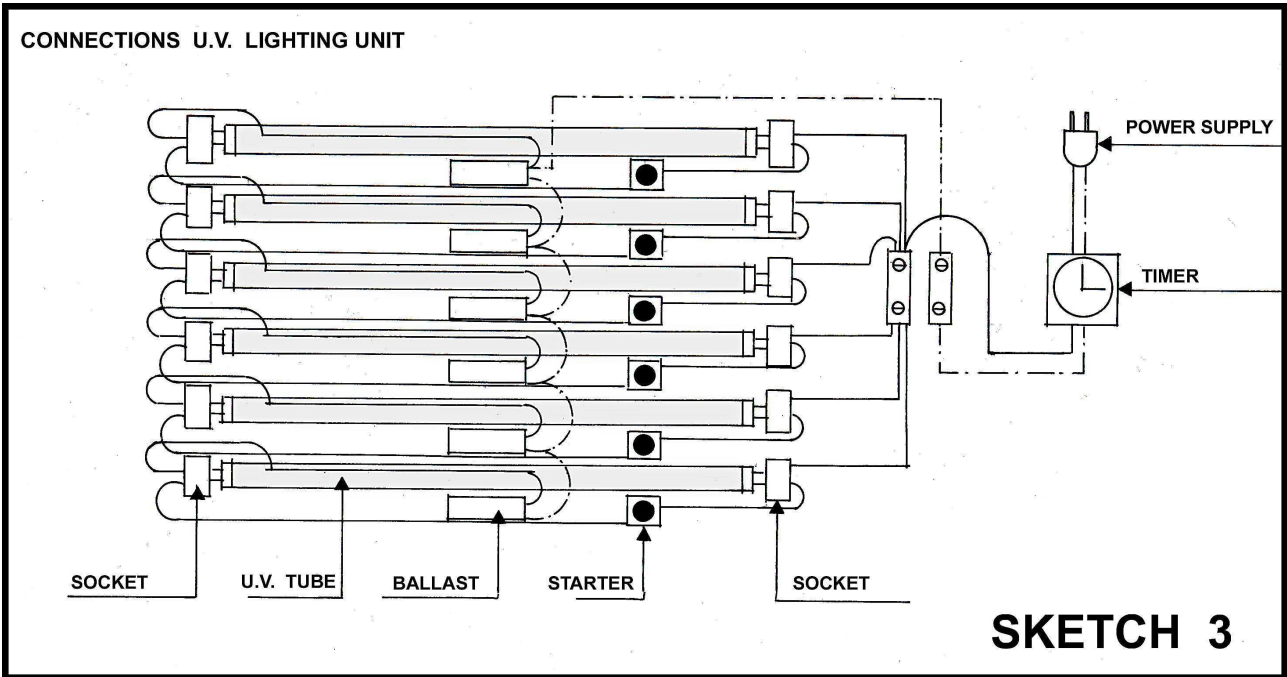
Sketch 2 gives a perspective view. The upper part contains a removable panel supporting the lamps and their electrical cabling. The whole is closed by a cover lid. The unit is equipped with 6 40-watt tubes from Philips.

They are activated by an adjustable timer: mounting/cabling is detailed in **sketch 3**.



At the bottom, there is an opening allowing the printing frame to be slid under the lamps.

Pictures 1 and 2 show the finished device, with the printing frame being introduced in it.



Picto Benelux

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