

## PRODUCT REQUIREMENT SHEET

See LV-75-34

### ELECTRICAL DATA (with the specified ballast)

|                         | Measuring Point | Value | Unit | Tolerance |
|-------------------------|-----------------|-------|------|-----------|
| Lamp Wattage            | 0h              | 400   | W    | Nom       |
| Lamp Voltage            | 0h              | 125   | V    | ±10       |
| Lamp Current            | 0h              | 3.5   | A    | Nom       |
| Power Density           | 0h              | 120   | W/cm | Nom       |
| Ignition Supply Voltage | 0h              | 198   | V    | min       |
| Ignition Time           | 0h              | 10    | s    | Max       |
| Warm-Up Time            |                 | 5     | min  | Max       |
| Re-Ignition Time        |                 | 10    | min  | Max       |

### UV RADIATION (with the specified ballast)

|                    | Measuring Point | Value | Unit   | Tolerance |
|--------------------|-----------------|-------|--------|-----------|
| UV-A (315-400 nm)  | 0h              | NA    | μW/cm² | ± 10%     |
| UV-B (280-315 nm)  | 0h              | NA    | μW/cm² | ± 10%     |
| UV-C (200-280 nm)  | 0h              | 350   | μW/cm² | ± 10%     |
| DIAZO (350-460 nm) | 0h              | NA    | μW/cm² | ± 10%     |
| UV Maintenance     | 750h            | 90    | %      | min       |
| Doping             | None            |       |        |           |
| Quartz Tube        | Standard        |       |        |           |

## GENERAL SPECIFICATIONS

|                   | Value      | Unit | Tolerance  |
|-------------------|------------|------|------------|
| Bulb Temperature  | 750<br>950 | °C   | min<br>Max |
| Pinch Temperature | 350        | °C   | Max        |
| Lamp Position     | Horizontal |      |            |

### BALLAST DESCRIPTION

|                            |            |                     |       |
|----------------------------|------------|---------------------|-------|
| Ballast Reference          | BHL 400L11 |                     |       |
| Ballast Power (indicative) | 400 W      | Supply Voltage      | 220 V |
| Supply Wave Form           | Sine wave  | Frequency           | 50 Hz |
| Ignitor Reference          | MZN 1000S  | Capacitor Reference | 30 µF |

|                                                                                                                         |      |   |      |                         |      |            |                                                                                                   |      |                    |    |                                |   |            |   |    |
|-------------------------------------------------------------------------------------------------------------------------|------|---|------|-------------------------|------|------------|---------------------------------------------------------------------------------------------------|------|--------------------|----|--------------------------------|---|------------|---|----|
| 1                                                                                                                       | 0833 | 2 | 0833 | 3                       | 0000 | 4          | m : xxx g                                                                                         | 5    |                    | 6  |                                | 7 |            | 8 |    |
| SUPERSEDES :<br><br>New                                                                                                 |      |   |      | UV LAMP<br>HP4/120      |      |            |                                                                                                   |      |                    |    | 9285 864 05101<br><br>0833/000 |   | 10/11/2017 |   |    |
| REF. : CRP 1747                                                                                                         |      |   |      | DOCUMENTATION           |      | UNIT<br>mm | PROJ EUROP<br> | 2 SH |                    | SH | 190-2                          |   | 10         |   | A4 |
| NOM : J.-J. FREY                                                                                                        |      |   |      | VALIDATION : A. PICHARD |      |            |                                                                                                   |      | DR. FISCHER Europe |    |                                |   |            |   |    |
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