



1	0833	2	0833	3	0000	4	5	6	7	8
SUPERSEDES 9280 724 05100 0833/001 p.190-1 Of 27/08/2012		LAMP UV HPM 16				9280 724 05100 0833/000			07/09/2012	
REF. : UV-139		DOCUMENTATION		UNIT mm	PROJ. EUROP 	2 SH	SH 190-1	10	1:1	A4
NAME : J.P. CHARLIER		VALIDATION : A. PICHARD			DR. FISCHER Europe					
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PRODUCT REQUIREMENT SHEET

See LV-75-034



ELECTRICAL DATA
(with the specified ballast)

	Measuring Point	Value	Unit	Tolerance
Lamp Wattage	0h	2000	W	Nom
Lamp Voltage	0h	243	V	± 13
Lamp Current	0h	8.7	A	Nom
Power Density	0h	NA	W/cm	Nom
Ignition Supply Voltage	0h	350	V	min
Ignition Time	0h	10	s	Max
Warm-Up Time		2	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/cm ²	± 10%
UV-B (280-315 nm)	0h	780	µW/cm ²	± 10%
UV-C (200-280 nm)	0h	NA	µW/cm ²	± 10%
DIAZO (350-460 nm)	0h	4150	µW/cm ²	± 10%
UV Maintenance	750h	80	%	min
Doping	Gallium			
Quartz Tube	Ozone Free			

GENERAL SPECIFICATIONS
(in operating conditions)

	Value	Unit	Tolerance
Bulb Temperature	750 950	°C	min Max
Pinch Temperature	350	°C	Max
Lamp Position	Horizontal		

BALLAST DESCRIPTION

Ballast Reference	BHL 2000L18		
Ballast Power (indicative)	2000 W	Supply Voltage	380 V
Supply Wave Form	Sine wave	Frequency	50 Hz
Ignitor Reference	380 MZN 4000	Capacitor Reference	30+30 µF

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SUPERSEDES :		UV LAMP						9280 724 05100		29/08/2016					
New		HPM 16						0833/000							
REF. :	PDM UV-378	DOCUMENTATION	UNIT mm	PROJ EUROP	2 SH	SH	190-2	10	A4						
NOM :	J.P. CHARLIER	VALIDATION : A. PICHARD			DR. FISCHER Europe										
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