



1	0833	2	0833	3	0000	4		5		6		7		8
SUPERSEDES		UV LAMP					9285 884 05100			21/01/2013				
New		DrF-HP-50/120					0833/000							
REF. : UV-207		DOCUMENTATION		UNIT mm	PROJ. EUROP 	2 SH	SH 190-1	10	1:2	A4				
NAME : J.P. CHARLIER		VALIDATION : A. PICHARD			DR. FISCHER Europe									
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PRODUCT REQUIREMENT SHEET

See LV-75-34



ELECTRICAL DATA
(with the specified ballast)

	Measuring Point	Value	Unit	Tolerance
Lamp Wattage	0h	4100	W	Nom
Lamp Voltage	0h	710	V	± 50
Lamp Current	0h	7.2	A	Nom
Power Density	0h	120	W/cm	Nom
Ignition Supply Voltage	0h	NA	V	min
Ignition Time	0h	20	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/cm ²	± 10%
UV-B (280-315 nm)	0h	NA	μW/cm ²	± 10%
UV-C (200-280 nm)	0h	5700	μW/cm ²	± 10%
DIAZO (350-460 nm)	0h	NA	μW/cm ²	± 10%
UV Maintenance	750h	90	%	min
Doping	None			
Quartz Tube	Standard			

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	VG12		
Ballast Power (indicative)	4100 W	Supply Voltage	380 V
Supply Wave Form	Sine wave	Frequency	50 Hz
Ignitor Reference	No	Capacitor Reference	23.3 μF

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SUPERSEDES :		UV LAMP						9285 884 05100		17/08/2016					
New		DrF-HP-50/120						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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