



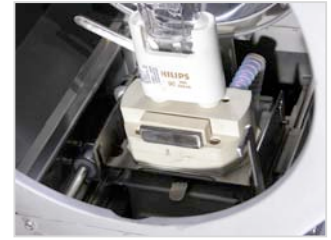
## REMBRANDT 1,2/2,5 kW Dual Power Daylight



*Mod. 2522*

## FEATURES

- Compact, highly efficient Fresnel lens spotlight The REMBRANDT 1200/2500 W is a compact, dual power Fresnel Spotlight, using Single ended Hot Re-strike metal halide discharge lamps having G38 socket. L.C.L. is 107 mm for 1200 W lamp and 127 mm for 2500 W .
- 250 mm. diameter high quality, shock resistant Borosilicate glass Fresnel lens on spring supports.
- Rugged and Lightweight Stainless Steel housing with low glare Silver High Temperature (530°C) resistant powder coating, with internal double walls and reinforces.
- High efficiency convection cooling.
- Heavy-duty G-38 bi-post socket for Discharge Lamps (High Voltage Rating), with lever activation and special contacts for homogeneous current distribution over lamp's pins.
- Special bimetallic clad aluminum reflector for high degree of reflectivity and thermal resistance for long life.
- Stainless steel cable driven focus mechanism which guides Teflon bushings supported lamp carriage along 2 stainless steel rails. This ensures smooth operation, and restricts bouncing or chattering of the lamp carriage during focusing, in any tilting position of the fixture, avoiding lamp failures during operation. The Teflon bushings also provide a wiping action, which cleans the stainless steel guide rails during focus. The whole spot to flood action is accomplished with 1 and half turn of the focusing knob.
- The unit is equipped with a hinged lens door with wire-guard for easy access to the lamp, it includes accessory holding brackets, which can be positioned in two different arrangements (vertical-horizontal or diagonal). One of the 4 brackets has a locking knob and is spring loaded, it can be locked to either safely hold barndoor, color frame and scrims or to be rotated 90° and locked in an open position for fast accessories changes. A double safety accessory bracket with spring loaded catch is available on request to be assembled opposite to the locking knob.
- The accessories are secure regardless of the orientation of the fixture. Accessories have been designed for one hand installation.

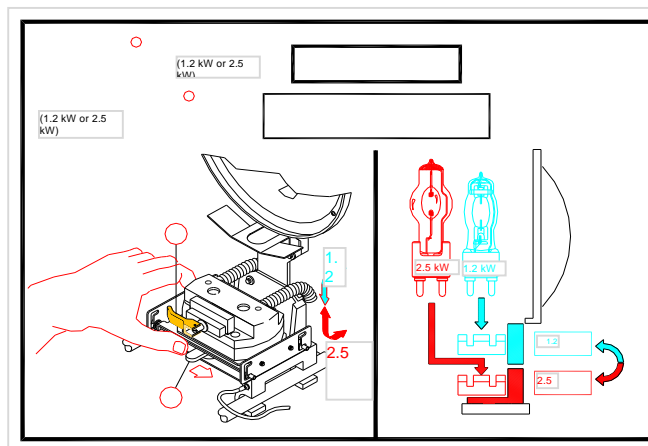


MECHANISM FOR LAMP HEIGHT SETTING 1,2-2,5 KW



BACK VENTILATION GRID FOR STEEP TILT

## LAMP HOLDER SETTINGS



The Rembrandt 1.2/2.5 kW has an adjustable lamp holder, that provides the exact positions for the appropriate lamp to be centered within the optical system. In fact the 2.5 kW single ended LCL is taller than the 1.2 kW and has a bigger LCL. In particular the Lamp Holder will have to be located at its lower position when using the 2.5 kW lamp and at its higher position when using the 1.2 kW ones, as shown in the illustration herewith.

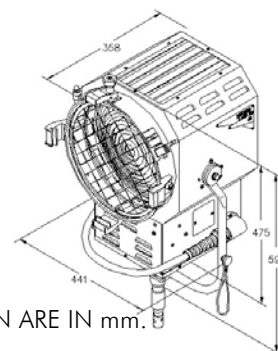
Make sure of the proper **position of the support for the relevant lamp**, as a wrong setting not only does not work optically, meaning that the light output of the fixture would not be the expected ones, but it also determines a wrong feed of the lamp.

## CHARACTERISTICS &amp; PERFORMANCE DATA

DESCRIPTION	VALUE		
➤ Amperage	See lamp data ( from ballast to head ) or ballast manual ( supply to ballast)		
➤ MAX Ignition voltage ( hot lamp )	≅ 50 KV ( 1200 W lamp ) - ≅ 50 KV ( 2500 W lamp )		
➤ Connections to ballast ( Standard version )	<b>Ballast type</b>	<b>1200 W lamp</b>	<b>2500 W lamp</b>
	DEB 1,2 kW	Adaptor 2241.100	<b>DO NOT CONNECT</b>
	DEB 2,5 kW	<b>DO NOT CONNECT</b>	Direct
	DEB 575\1.200 W	Adaptor 2241.100	<b>DO NOT CONNECT</b>
	DEB 1,2 \ 2,5 kW	Direct – 2,5 k socket	Direct – 2,5 k socket
	Magnetic 1,2 kW	Adaptor 2241.100	<b>DO NOT CONNECT</b>
	Magnetic 2,5 kW	<b>DO NOT CONNECT</b>	Direct
➤ Connector type	<b>Standard Version</b>	<b>Special Version ( * )</b>	
	7 Pin 24-2 Male with ring nut - Type : Bayonet 3 ramps	7 pin ( 6 M - 1 F ) with threaded ring nut - Type : German std M3	
➤ Lamp Holder	G38 High Voltage with lever clamping system.		
➤ Power Cable ( from fixture to ballast )	3x4 mm <sup>2</sup> + 4x 1 mm <sup>2</sup> - Rubber , for rough service		
➤ Protection Class	Class 1 – ground connection required through ballast		
➤ Protection Type	IP 23		
➤ Max Housing surface temperature	220 °C		
➤ Weight of Fixture	14,3 Kg		
➤ Weight of barndoor	<b>4 leaf</b>	<b>8 leaf</b>	
	1,4 kg.	1,65 kg.	
➤ Size of Barndoor ring	<b>Seat Diameter</b>	<b>Ring Diameter</b>	
	314 mm.	313 mm.(≅12" <sup>1</sup> / <sub>4</sub> )	
➤ Size of scrims	<b>Seat x scrims</b>	<b>Scrim Dia.</b>	
	306 mm.	305 mm ( 12" )	

## USABLE LAMPS

USABLE LAMPS Manufacturer	1200 W Model	2500 W Model
OSRAM	HMI 1200 w / SE	HMI 2500 w / SE
PHILIPS	MSR 1200 w HR	MSR 2500 w HR
Other manufacturers may be used as long as they meet completely the technical specifications of the above lamps		



DIMENSIONS SHOWN ARE IN mm.

## WORKING CONDITIONS

➤ Working Position	<b>Lighting fixture:</b> Max. Tilting ±90° from horizontal			<b>Lamp:</b> S90
➤ Ambient Temperature, t <sub>a</sub>	+45° C Max			
➤ Minimum distances from inflammable surfaces	Top <b>0,9 m.</b>	Back <b>0,3 m.</b>	Sides <b>0,3 m.</b>	Front <b>8,5 m.</b>

## DEB digital electronics ballasts

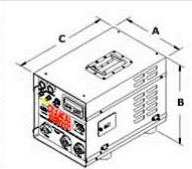


### DIGITAL DEB 1,2-2,5 KW MOD. 2525

- PROTECTION FOR HIGH OR LOW INPUT VOLTAGE:** Avoids ballast breakage in case of wrong mains connection (for instance 380V)
- POWER FACTOR CORRECTION (ACTIVE LINE FILTER)**
- 16 DIGIT LED DISPLAY:** It include a membrane keypad in order to activate different functions, Multi-language menu, System diagnostic, DMX addressing, DATA LOG (hour counter for lamp/ballast operation, record of diagnostic status). Output Frequency set up (for high speed electronic shutter in PAL or NTSC)
- LOCAL, REMOTE AND DMX CONTROL**
- LOW NOISE & FLICKER FREE SELECTOR**
- SELF ADJUSTING COOLING SYSTEM**
- DUAL POWER OUTPUT WITH AUTOMATIC SELECTION**
- OUTPUT SHORT CIRCUIT & ARC TO GROUND PROTECTION**
- CONSTANT OUTPUT LAMP POWER**
- QUARTZ GENERATED OUTPUT FREQUENCY**

Electrical Performance	
Input Voltage	95 - 265 V
Nominal effective input current	12.5 A (1.2kw) - 26 A (2.5kw) at 110V 6.2 A (1.2kw) - 13 A (2.5kw) at 220V
Efficiency (Average)	> 0,93
Power factor (Average)	> 0,95
Dimmer range	30%
On/Off control	Local. Remote or DMX

Weights & Dimensions		
Dimensions	width (A)	10.63 inches 270 mm
	height (B)	10.63 inches 270 mm
	depth (C)	14.96 inches 379 mm
Weight	Lbs	39.6
	Kg	17.96
Working position	Ballast with control panel facing front	
Ambient temperature	-20...+45°C	
& Humidity allowed	IP23	

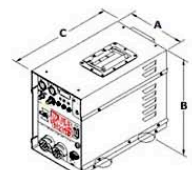



### DIGITAL DEB 575-1200W MOD. 2515

- case the lighting fixture is intended for use with the 1200W lamp only**
- PROTECTION FOR HIGH OR LOW INPUT VOLTAGE:** Avoids ballast breakage in case of wrong mains connection (for instance 380V)
- POWER FACTOR CORRECTION (ACTIVE LINE FILTER)**
- DISPLAY:** It include a membrane keypad in order to activate different functions, Multi-language menu, System diagnostic, DMX addressing, DATA LOG (hour counter lamp/ballast operation, record of diagnostic status). Output Frequency set up (for high speed electronic shutter in PAL or NTSC)
- LOCAL, REMOTE AND DMX CONTROL**
- LOW NOISE & FLICKER FREE SELECTOR**
- DUAL POWER OUTPUT WITH AUTOMATIC SELECTION**
- OUTPUT SHORT CIRCUIT & ARC TO GROUND PROTECTION**
- CONSTANT OUTPUT LAMP POWER**
- QUARTZ GENERATED OUTPUT FREQUENCY**

Electrical Performance	
Input Voltage	95 - 265 V
Nominal effective input current	6.0 A (575kw) - 12.3 A (1.2kw) at 110V 2.9 A (575kw) - 6 A (1.2kw) at 220V
Efficiency (Average)	> 0,93
Power factor (Average)	> 0,95
Dimmer range	30%
On/Off control	Local. Remote or DMX

Weights & Dimensions		
Dimensions	width (A)	7.87 inches 199 mm
	height (B)	8.67 inches 220 mm
	depth (C)	13.39 inches 340 mm
Weight	Lbs	20.9
	Kg	9.48
Working position	Ballast with control panel facing front	
Ambient temperature	-20...+45°C	
& Humidity allowed	IP23	





## PHOTOMETRIC DATA

## PHOTOMETRIC DATA REMBRANDT 1,2/2,5 kW

Values measured with: MSR 1200 HR, MSR 2500 HR, 250 mm. F Fresnel Lens										
TYPICAL DISTANCES			FEET				METERS			
			20'	40'	60'	80'	6,0	12	18	24
LIGHT CENTER VALUES	Candle Power		Footcandles				Lux			
SPOT	1,2 kW	346.500	866	217	96	54	9.625	2.406	1.069	602
	2,5 kW	1.642.900	4.107	1.027	456	257	45.636	11.409	5.071	2.852
FLOOD	1,2 kW	37.750	94	24	10	6	1.049	262	117	66
	2,5 kW	117.900	295	74	33	18	3.275	819	364	205
			F.C. AT ANY DISTANCE = Candle Power : (distance in ft) <sup>2</sup>				LUX. AT ANY DISTANCE = Candle Power : (distance in ft) <sup>2</sup>			
BEAM ANGLE (50% of center value)			BEAM DIAMETER (W x H in feet)				BEAM DIAMETER (W x H in meters)			
SPOT	6,4°		2.2'	4.5'	6.7'	8.9'	0,7 mt	1,3 mt	2,0 mt	2,7 mt
FLOOD	62,4°		24.2'	48.4'	72.7'	96.9'	7,3 mt	14,5 mt	21,8 mt	29,1 mt

## VERSIONS &amp; MODEL NUMBERS

MOD.	DESCRIPTION
2522.110	<b>REMBRANDT 1200 / 2500 W "DUAL POWER"</b> Single Ended Stainless Steel DAYLIGHT FRESNEL with NEW IGNITER SYSTEM including: M.O. Fixture Head with 250 mm. Ø Fresnel lens, 0,5 mt. cable tail with MIL in-line male connector <b>Mod. 2522.101</b> - 7,5 mt. detachable cable <b>Mod. 2021.100</b> - four leaf rotating barndoor <b>Mod. 326.110</b> - colour frame <b>Mod. 327.100</b> - stainless steel wire guard <b>Mod. 325.300</b> - M.O. stirrup <b>Mod. 2522.110.40</b>
2525.110	<b>"DEB" 1200/2500 W CE - 230V (MIL Version)</b> Digital Flicker Free electronic ballast including: main input <b>185/265 V</b> , 50/60 Hz, with PFC (power factor correction) - display with DATA LOG - Local/Remote/DMX control selector (In DMX mode it occupies 1 channel: ON/OFF+DIMMER) - dimmer range: 30% power= 50% light intensity - protected to output short circuits and 380V high voltage input - quartz generated output frequency - 2 mt. detachable main cable (INPUT) - MIL connector (OUTPUT) - XLR 5 pin panel mounted Male and Female (DMX remote control)
2525.210	<b>"DEB" 1200/2500 W 120/230V (MIL Version)</b> Digital Flicker Free electronic ballast including: main input <b>95/135 V</b> and <b>185/265 V</b> , 50/60 Hz, with PFC (power factor correction) - display with DATA LOG - Local/Remote/DMX control selector (In DMX mode it occupies 1 channel: ON/OFF+DIMMER) - dimmer range: 30% power= 50% light intensity - protected to output short circuits and 380V high voltage input - quartz generated output frequency - 2 mt. detachable main cable (INPUT) - MIL connector (OUTPUT) - XLR 5 pin panel mounted Male and Female (DMX remote control)
2515.110	<b>"DEB" 575/1200 W CE - 230V (MIL Version)</b> Digital Flicker Free electronic ballast including: main input <b>185/265 V</b> , 50/60 Hz, with PFC (power factor correction) - display with DATA LOG - Local/Remote/DMX control selector (In DMX mode it occupies 1 channel: ON/OFF+DIMMER) - dimmer range: 30% power= 50% light intensity - protected to output short circuits and 380V high voltage input - quartz generated output frequency - 2 mt. detachable main cable (INPUT) - MIL connector (OUTPUT) - XLR 5 pin panel mounted Male and Female (DMX remote control)
2515.210	<b>"DEB" 575/1200 W 120/230V (MIL Version)</b> Digital Flicker Free electronic ballast including: main input <b>95/135 V</b> and <b>185/265 V</b> , 50/60 Hz, with PFC (power factor correction) - display with DATA LOG - Local/Remote/DMX control selector (In DMX mode it occupies 1 channel: ON/OFF+DIMMER) - dimmer range: 30% power= 50% light intensity - protected to output short circuits and 380V high voltage input - quartz generated output frequency - 2 mt. detachable main cable (INPUT) - MIL connector (OUTPUT) - XLR 5

pin panel mounted Male and Female (DMX remote control)

## ACCESSORIES TYPES & MODEL NUMBERS

<i>MOD.</i>	<i>DESCRIPTION</i>
2522.110.40	Steel tube (M.O.) stirrup with 28,57 mm. spigot (B.S. 1 1/8"), with top end for attachment to "C" clamp.
2522.300.40	Steel tube (M.O.) stirrup with 28,00 mm. spigot (D.I.N)
2021.100	7,5 mt. extension cable
2021.200	15 mt. extension cable
2522.601	Fly case for Rembrandt 1200/2500W complete kit
2525.611	Fly case for DEB 575/ 1200/2500W DUAL ballast
325.300	Stainless Steel wire guard
326.100	Four leaf rotating barndoor (Large)
326.110	Four leaf rotating barndoor (Medium)
326.200	Eight way rotating barndoor (Large)
326.210	Eight way rotating barndoor (Medium)
327.100	Colour frame
327.200	Outrigger colour frame
327.210	Outrigger colour frame mounting kit
328.100	Cone with two discs (front aperture diam.: 190 mm. 150 mm. 110 mm.).
329.100	Set of scrims - Stainless steel
329.101	Full single scrim - Stainless steel
329.102	Full double scrim - Stainless steel
329.103	1/2 single scrim - Stainless steel
329.104	1/2 double scrim - Stainless steel
329.250	180° Bottom Light spill protection
91.200	Solid brass "C" clamp to hang fixtures overhead and for mounting on pipe with diameters up to 52 mm. (2"), with safety pin (no adapters)
20.100	Safety cable 800 mm. long with 4 mm. diameter steel rope and safety catch.
DGP-A110	Combo stand with lazy leg with 29 mm. Socket (1 1/8") and 16 mm. Spigot (5/8")
DGP-A9000	Caster set diam. 100 mm. braked

