



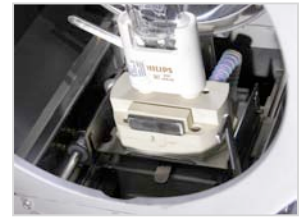
REMBRANDT 2,5/4 kW Dual Power Daylight



Mod. 2532

FEATURES

- Compact, highly efficient Fresnel lens spotlight The REMBRANDT 2500/4000 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 127 mm for 2500 W lamp and 142 mm for 4000 W .
- 300 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

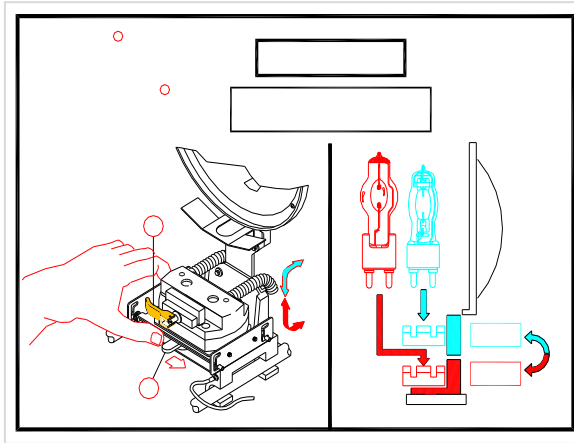


MECHANISM FOR
LAMP HEIGHT
SETTING 2,5-4 KW



BACK VENTILATION
GRID FOR STEEP TILT
ANGLES

LAMP HOLDER SETTINGS



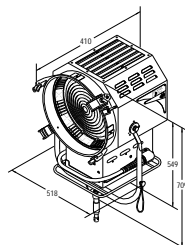
The Rembrandt 2.5/4 kW has an adjustable lamp holder, that provides the exact positions for the appropriate lamp to be centered within the optical system. In fact the 4 kW single ended lamp is taller than the 2.5 kW and has a bigger LCL. In particular the Lamp Holder will have to be located at its lower position when using the 4 kW lamp and at its higher position when using the 2.5 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 cooling behavior of the system, that may cause quicker aging of some internal components.

CHARACTERISTICS & 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 (2500 W lamp) - ≅ 55 KV (4000 W lamp)		
Connections to ballast (Standard version)	Ballast type	2500 w lamp	4000 w lamp
	DEB 2,5 k	Adaptor 2341.100	DO NOT CONNECT
	DEB 4 k	Direct	Direct
	DEB 2,5 \ 4 k	Direct -4 k socket	Direct -4 k socket
	Magnetic 2,5	Adaptor 2341.100	DO NOT CONNECT
Magnetic 4 k	DO NOT CONNECT	Direct	
Connector type	Standard Version		Special Version (*)
	9 Pin 24-11 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 ² + 4x 1 mm ² - 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	19 Kg		
Weight of barndoor	4 leaf	8 leaf	
	1,85 kg.	2,1 kg.	
Size of Barndoor ring	Seat Diameter	Ring Diameter	
	402 mm.	399 mm.(≅15" _{3/4})	
Size of scrims	Seat x scrims	Scrim Dia.	
	395 mm	393 mm (≅15" _{1/2})	

(*) = Special version with German std M3 connector are available only on special request and shall be used with special ballast and extension cables for connector compatibility .

USABLE LAMPS



USABLE LAMPS Manufacturer	2500 W Model	4000 W Model
OSRAM	HMI 2500 w / SE	HMI 4000 w / SE
PHILIPS	MSR 2500 w HR	MSR 4000 w HR
Other manufacturers may be used as long as they meet completely the technical specifications of the above lamps		

WORKING CONDITIONS

☞ Working Position	Lighting fixture: Max. Tilting $\pm 90^\circ$ from horizontal			Lamp: S90
☞ Ambient Temperature, t_a	+45° C Max			
☞ Minimum distances from inflammable surfaces	Top 0,9 m.	Back 0,3 m.	Sides 0,3 m.	Front 8.5 m.

DEB DIGITAL ELECTRONICS BALLASTS



DIGITAL DEB 2,5-4 KW MOD. 2535

- 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 - 135V 185 - 265V
Nominal effective input current	38 A (4kw) - 23.5 A (2.5kw) at 110V 20 A (4kw) - 12.5 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	inches	mm
width (A)	10.63	270
height (B)	12.6	320
depth (C)	14.76	374
Weight	Lbs	Kg
	48.4	21,95
Working position	Ballast with control panel facing front	
Ambient temperature	-20...+45°C	
& Humidity allowed	IP23	

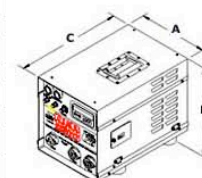


DIGITAL DEB 1,2-2,5 KW MOD. 2525

- (in case the lighting fixture is intended for use with the 2500W 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)**
 - 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	inches	mm
width (A)	10.63	270
height (B)	10.63	270
depth (C)	14.96	379
Weight	Lbs	Kg
	39.6	17,96
Working position	Ballast with control panel facing front	
Ambient temperature	-20...+45°C	
& Humidity allowed	IP23	



PHOTOMETRIC DATA

PHOTOMETRIC DATA REMBRANDT 2,5/4 kW

Values measured with: MSR 2500 HR, MSR 4000 HR, 300 mm. F Fresnel Lens										
			FEET				METERS			
TYPICAL DISTANCES			20'	40'	60'	80'	6,0	12	18	24
LIGHT CENTER VALUES		Candle Power	Footcandles				Lux			
SPOT	2,5 kW	1.031.000	2.578	644	286	161	28.639	7.160	3.182	1.790
	4 kW	1.523.000	3.808	952	423	238	42.306	10.576	4.701	2.644
FLOOD	2,5 kW	90.700	227	57	25	14	2.519	630	280	157
	4 kW	117.100	293	74	33	18	3.253	813	361	203
			F.C. AT ANY DISTANCE = Candle Power : (distance in ft) ²				LUX. AT ANY DISTANCE = Candle Power : (distance in ft) ²			
BEAM ANGLE (50% of center value)			BEAM DIAMETER (W x H in feet)				BEAM DIAMETER (W x H in meters)			
SPOT	8,0°		2.8'	5.6'	8.4'	11.2'	0,8 mt	1,7 mt	2,5 mt	3,4 mt
FLOOD	58,0°		22.2'	44.3'	66.5'	88.7'	6,7 mt	13,3 mt	20,0 mt	26,6 mt

VERSIONS & MODEL NUMBERS

Mod.	Description
2532.110	REMBRANDT 2500 / 4000 W "DUAL POWER" Single Ended Stainless Steel DAYLIGHT FRESNEL with NEW IGNITER SYSTEM including: M.O. Fixture Head with 300 mm. Ø Fresnel lens, 0,5 mt. cable tail with MIL in-line male connector Mod. 2532.101 - 7,5 mt. detachable cable Mod. 2431.100 - four leaf rotating barndoor Mod. 356.110 - colour frame Mod. 357.100 - wire guard Mod. 355.300 - M.O. stirrup Mod. 2532.110.40
2535.110	"DEB" 2500/4000 W CE-230V (MIL Version) Digital Flicker Free electronic ballast including: main input 185/265 V , 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)
2535.210	"DEB" 2500/4000 W 120/230V (MIL Version) Digital Flicker Free electronic ballast including: main input 95/135 V and 185/265 V , 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)
2525.110	"DEB" 1200/2500 W CE - 230V (MIL Version) Digital Flicker Free electronic ballast including: main input 185/265 V , 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>
2532.110.40	Steel tube (M.O.) stirrup with 28,57 mm. spigot (B.S. 1 1/8"), with top end for attachment to "C" clamp.
2532.300.40	Steel tube (M.O.) stirrup with 28,00 mm. spigot (D.I.N)
2431.100	7,5 mt. extension cable
2431.200	15 mt. extension cable
2532.601	Fly case for Rembrandt 2500/4000W head and accessories (without ballast)
2535.611	Fly case for DEB 2500/4000W dual ballast
355.100	Wire guard
355.300	Stainless Steel wire guard
356.100	Four leaf rotating barndoor (Large)
356.110	Four leaf rotating barndoor (Medium)
356.200	Eight way rotating barndoor (Large)
356.210	Eight way rotating barndoor (Medium)
357.100	Colour frame
357.300	Colour frame for short brackets mtg.
358.100	Cone with two discs (with front aperture diameter: 275 mm. 215 mm. 155 mm.).
359.100	Set of scrims - Stainless steel
359.101	Full single scrim - Stainless steel
359.102	Full double scrim - Stainless steel
359.103	1/2 single scrim - Stainless steel
359.104	1/2 double scrim - Stainless steel
359.250	180° Bottom Light spill protection
397.100	Outrigger colour frame
397.110	Outrigger colour frame holding kit
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-B200	HIGH WIND-UP STAND

