



# REMBRANDT PICCOLO 6 kW Daylight Fresnel Spotlight



MOD. 2642



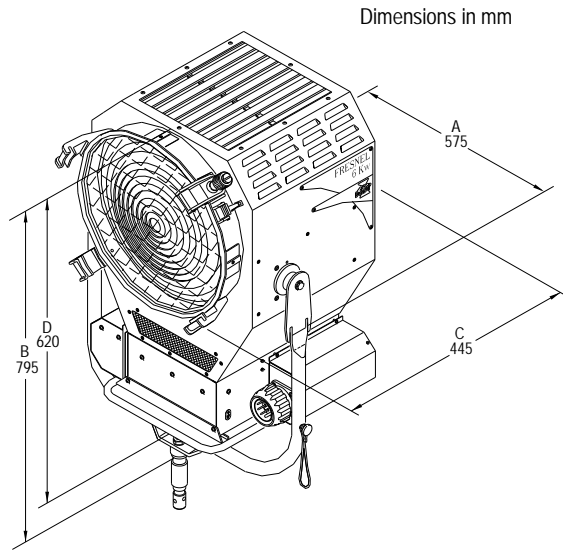
MOD. 2545

## FEATURES

- Compact, highly efficient Fresnel lens spotlight The REMBRANDT PICCOLO 6000 W is a compact Fresnel Spotlight, using Single ended Hot Re-strike metal halide discharge lamps having GX38 socket. L.C.L. is 210 mm for 6.000 W lamp
- 350 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 GX38 bi-post socket for Discharge Lamps (High Voltage Rating), with 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 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. 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.

## Characteristics & Performance Data

DESCRIPTION	VALUE	
↻ Amperage	See lamp data ( from ballast to head ) or ballast manual ( supply to ballast)	
↻ Ignition voltage	≅ 20 / 55 (in HOT RE-STRIKE conditions) KV <sub>s</sub>	
↻ Connections to ballast	<b>BALLAST TYPE</b>	<b>CONNECTION</b>
	DEB 4/6 kW	Direct to 6 kW socket
	Magnetic 6 kW	Direct
↻ Connector type	3+6 Pin 26-32 Male with ring nut - Type : Bayonet 3 ramps	
↻ Lamp Holders (De Sisti)	GX38 High Voltage with lever clamping system.	
↻ Power Cable ( from fixture to ballast )	3x10 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 22	
↻ Max Housing surface temperature	220 °C	
↻ Weight of Fixture	29 kg ( MO )	
↻ Weight of barndoor	<b>4 leaf</b>	<b>8 leaf</b>
	1,85 kg.	2,1 kg.
↻ Size of Barndoor ring	<b>Seat Diameter</b>	<b>Ring Diameter</b>
	402 mm.	399 mm.( ≅15" <sub>3/4</sub> )
↻ Size of scrims	<b>Seat x scrims</b>	<b>Scrim Dia.</b>
	395 mm	393 mm (≅15" <sub>1/2</sub> )
	<b>Seat x scrims</b>	<b>Scrim Dia.</b>



### USABLE LAMPS

USABLE LAMPS Manufacturer	6000 W Model
OSRAM	HMI 6000 W S/E
PHILIPS	MSR 6000/HR
Other manufacturers may be used as long as they meet completely the technical specifications of the above lamps	

### WORKING CONDITIONS

➤ Working Position	<b>Lighting fixture:</b> Max. Tilting $\pm 90^\circ$ from horizontal	<b>Lamp:</b> S90
➤ Ambient Temperature, $t_a$	+45° C Max	
➤ Minimum distances from inflammable surfaces	Top <b>1,2 m.</b>	Back <b>0,4 m.</b> Sides <b>0,4 m.</b> Front <b>9 m.</b>

### DEB DIGITAL ELECTRONIC BALLASTS



#### DIGITAL DEB 4-6 kW MOD. 2545

**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

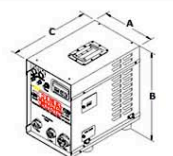
#### OUTPUT SHORT CIRCUIT & ARC TO GROUND PROTECTION

#### CONSTANT OUTPUT LAMP POWER

#### QUARTZ GENERATED OUTPUT FREQUENCY

Electrical Performance	
Input Voltage	185 - 265V
Nominal effective input current	20 A (4kw) - 30 A (6kw) at 220V
Efficiency (Average)	> 0,93
Power factor (Average)	> 0,95
Dimmer range	30%
On/Off control	Local, Remote or DMX

Weights & Dimensions		
<b>Dimensions</b>	<b>inches</b>	<b>mm</b>
width (A)	10,63	270
height (B)	14,57	370
depth (C)	14,76	374
<b>Weight</b>	<b>Lbs</b>	<b>Kg</b>
	54	24,49
Working position	Ballast with control panel facing front	
Ambient temperature	-20...+45°C	
& Humidity allowed	IP23	



## PHOTOMETRIC DATA

Photometric Data Rembrandt Piccolo 6 kW

		FEET				METERS			
TYPICAL DISTANCES		20'	40'	60'	80'	6,1	12,2	18,3	24,4
LIGHT CENTER VALUES	Candle Power	Footcandles				Lux			
SPOT	3.142.000	7.845	1.961	872	491	84.440	21.110	9.382	5.282
FLOOD	178.000	444	111	49	28	4.784	1.196	532	299
		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	6,0°	2.1'	4.2'	6.3'	8.4'	0,6 mt	1,3 mt	1,9 mt	2,6 mt
FLOOD	50,0°	18,7'	37.3'	56.0'	74.6'	5,7 mt	11,4 mt	17,1 mt	22,7 mt

## VERSIONS &amp; MODEL NUMBERS

*Mod.*                      *Description*

2642.110	REMBRANDT PICCOLO 6000 W MARK 2 Single Ended Stainless Steel DAYLIGHT FRESNEL with NEW IGNITER SYSTEM including: M.O. Fixture Head with 350 mm. Ø Fresnel lens, male panel MIL connector <b>Mod. 2642.101</b> - 7,5 mt. detachable cable <b>Mod. 2441.100</b> - four leaf rotating barndoor <b>Mod. 356.110</b> - colour frame <b>Mod. 357.100</b> - wire guard <b>Mod. 355.100</b> - M.O. stirrup <b>Mod. 2642.110.40</b>
2545.110	"DEB" 4000/6000 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 &amp; MODEL NUMBERS

*Mod.*                      *Optional & Accessories*

2642.110.40	Steel tube (M.O.) stirrup with 28,57 mm. spigot (B.S. 1 1/8"), with top end for attachment to "C" clamp.
2642.300.40	Steel tube (M.O.) stirrup with 28,00 mm. spigot (D.I.N)
2441.100	7,5 mt. extension cable
2441.200	15 mt. extension cable
355.300	Stainless Steel wire guard
356.110	Four leaf rotating barndoor
356.210	Eight way rotating barndoor
357.100	Colour frame
358.100	Cone with two discs (with front aperture diameter: 275 mm. 215 mm. 155 mm.).
359.100	Set of scrims - Stainless steel

<b>359.101</b>	Full single scrim - Stainless steel
<b>359.102</b>	Full double scrim - Stainless steel
<b>359.103</b>	1/2 single scrim - Stainless steel
<b>359.104</b>	1/2 double scrim - Stainless steel
<b>397.100</b>	Outrigger colour frame
<b>397.110</b>	Outrigger colour frame holding kit
<b>91.200</b>	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)
<b>20.100</b>	Safety cable 800 mm. long with 4 mm. diameter steel rope and safety catch.
<b>2642.601</b>	Fly case for Rembrandt Piccolo 6000W & accessories (without ballast)
<b>2545.611</b>	Fly case for DEB 4000/6000W DUAL Ballast
<b>DGP-B6039 CS</b>	WIND-UP 39

