

DISPLAY PROJECTORS GOBO LIGHT

PRO-300

VERSATILE IMAGE PROJECTOR



INTRODUCTION

The projectors series are range of projectors made to perform the valuable task of projecting images or illuminating subjects perfectly, suited to many applications: Shops, trade shows and exhibitions, showrooms, bar & hotels.

SPECIFICATIONS

Light body employs aluminum alloy structure, elegant and good looking.
Length-510mm (AT) Width-250mm (BT) High-230mm (CT)

LAMP BULB

"OSRAM" Metal Halide Lamp Bulb HTI-300 Color temperature 5,700k

Gobo

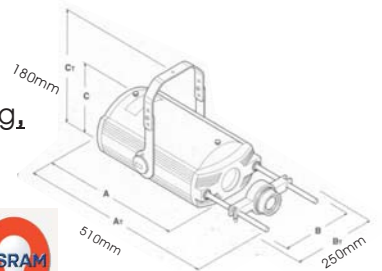
Gobo Diameter:56mm Image diameter:32mm
Rotate rate: 5-6 RPM (W/Switch)

Mirrors

Tilt position(0-75 degree) W/Switch

Weight: 10kg

Welcome



SPECIFICATIONS	HTI-300
Colour temperature (K)	5,700
Luminous flux(lm)	20,000
Base	Sfc 10-4
Total power (Watt)	600
Metal gobo Diameter	56mm
Average service lamp life	3000h



Technical Information

No. FO 5290

Edition: 02/06 - subject to change

Substitutes: initial release

Status: valid

Short Arc Metal Halide Lamp

Baby SharXS® HTI® 300W/D5/57

■ Product description

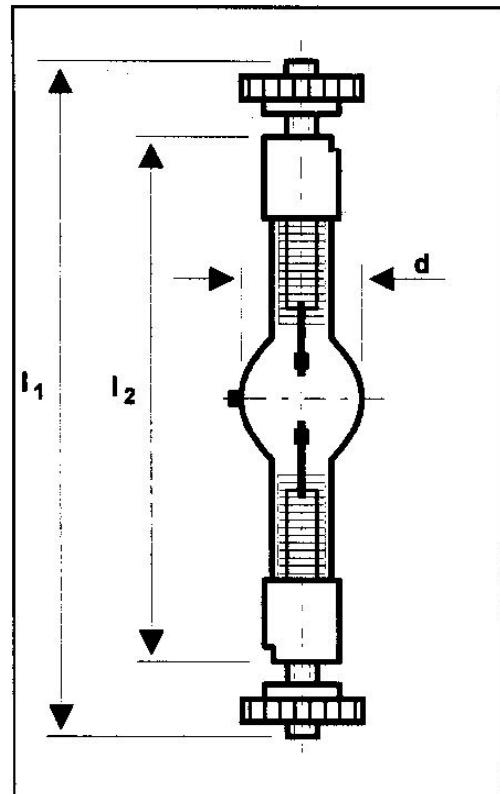
The OSRAM Baby SharXS® HTI® 300W/D5/57 is a very compact double-ended ('D') metal halide lamp of the new Baby SharXS® family. By the extra short arc of 5 mm ('5'), this lamp has a very high luminance and provides a high output for intelligent entertainment lighting. The Xtreme Seal technology enables higher pinch temperatures up to max. 450°C. Being doubled-ended (with pre-focus base) the lamp is suitable for hot restart. The lamp length of 93 mm (max.) only allows the design of fixtures in very compact size. With 3,000 hours the lamp supplies a long average service life.



Baby SharXS

■ Technical data

Lamp / order reference	Baby SharXS® HTI® 300W/D5/57	
Rated wattage	W	300
Rated voltage	V	80
Lamp current (~)	A	4,3
Ignition voltage (cold / hot)	kV	4,5 / 20 (max. 25)
Luminous flux	lm	20.000
Colour temperature	K	5.700
Color rendering index	Ra	> 85
Light arc length (cold)	mm	5,5
LCL a	mm	35 ± 1
Lamp length l_1 (over all)	mm	max. 93
Lamp length l_2	mm	70 ± 1
Bulb diameter d	mm	16 (without pumping tip)
Average service life	h	3.000
Base	SfC 11-4 with notch	



■ Lamp operation

Maximum permissible base temperature °C 450 / with eXtreme Seal Technology (measured on Moly-foil/pinch)

Cooling Fan / forced cooling

Burning position any

The Baby SharXS® HTI® 300W/D5/57 is designed for an operation on conventional ballasts. Operation on electronic power supplies is possible.

■ Manufacturers of igniters and control gear (not officially approved by OSRAM)

Of all ballasts mentioned below two fixtures in a parallel circuit have to be used.

Igniters: Schiederwerk HZG 8-25 RV K-1; ABB / Bag Turgi MZN 400 S; ERC 640006; Tridonic 6 ES/B

ECG: Schiederwerk EVG 330 K/PFC

Ballasts: ERC 686816, ERC 68817, ERC 686818

Magnetek QI 150-24.4K 638 TSW; Magnetek NQI 150-24.3-24

Tridonic ECIS 1/2C140 TP; Tridonic OMBIS 101, 103

list to be completed/updated.

Display/Optic

