

TECHNICAL INFORMATION BULLETIN

Mercury Lamp

LAMP TYPE : Mercury Lamp
H250BL

PERFORMANCE DATA

Initial luminous flux at rated wattage after 100hrs. Burning	(lm)	:	-
Lamp Lumen Efficacy	(lm/W)	:	0
Mean lumens at 10 hrs/start	(lm)	:	-
Rated average life	(hrs)	:	3,000
Warm up time	(min)	:	8 max.
Restarting time	(min)	:	10 max.
Correlated colour temperature	(K)	:	-
CIE chromaticity	x =	:	-
	y =	:	-
Colour rendering index	(Ra)	:	-
Burning Position		:	Any
Emissive power of UV rays (300-450nm)	(W)	:	17

ELECTRICAL CHARACTERISTICS

Nom. Lamp wattage EM	(W)	:	250
Nom. Lamp voltage EM	(V)	:	130
Nom. Lamp current EM	(A)	:	2.13
Current crest factor		:	2.0max.
Max. starting current	(A)	:	4.50
Compatible Ballast		:	IEC 60188

PHYSICAL DESCRIPTION

Base designation		:	E40
Bulb designation		:	BT100 (100mm dia.)
Bulb material		:	Soft glass
Bulb finish		:	Black
Arc tube material		:	Quartz
Mercury(Hg)Content	(mg)	:	39
Overall Length	(mm)	:	250 max.
Light Centre Length	(mm)	:	-
Effective Arc Length	(mm)	:	-
Bulb Temp. limit	(°C)	:	280
Base Temp. limit	(°C)	:	210
Eccentricity Base to bulb axis	(°)	:	3° max.
Life to 5% failures	(hr)	:	1000
Life to 10% failures (hr)	(hr)	:	1500
Life to 20% failures (hr)	(hr)	:	2200
Life to 50% failures (hr)	(hr)	:	3000
Lumen Maintenance 5000h	(%)	:	-

