

TECHNICAL INFORMATION BULLETIN

EYE SDX PAR

LAMP TYPE : High Pressure Sodium Lamp
NH150P36SSDX/E27

PERFORMANCE DATA

Initial luminous flux at rated wattage after 100hrs. Burning	(lm)	:	7,000
Lamp Lumen Efficacy	(lm/W)	:	47
Beam angle		:	28X48
Peak intensity		:	8,500
Rated average life	(hrs)	:	6,000
Warm up time	(min)	:	15
Restarting time	(min)	:	15 max.
Correlated colour temperature	(K)	:	2,500
CIE chromaticity	x =	:	0.477
	y =	:	0.414
Colour rendering index	(Ra)	:	85
Burning Position		:	Any

ELECTRICAL CHARACTERISTICS

Nom. Lamp wattage EM	(W)	:	150
Nom. Lamp voltage EM	(V)	:	95
Nom. Lamp current EM	(A)	:	1.90
Current crest factor		:	1.8 max.
Max. starting current	(A)	:	3.20

PHYSICAL DESCRIPTION

Base designation		:	E27/51X39
Bulb designation		:	PAR36
Bulb material		:	Hard glass
Bulb finish		:	Dichroic coating
Bulb finish (Front glass)		:	UV-cut coating
Arc tube material		:	Alumina
Mercury(Hg)Content	(mg)	:	25
Overall Length	(mm)	:	102 max.
Light Centre Length	(mm)	:	-
Effective Arc Length	(mm)	:	30
Bulb Temp. limit	(°C)	:	400
Base Temp. limit	(°C)	:	190
Eccentricity Base to bulb axis	(°)	:	3° max.
Fixture requirement		:	Open fixture permissible
Life to 5% failures	(hr)	:	2000
Life to 10% failures (hr)	(hr)	:	3100
Life to 20% failures (hr)	(hr)	:	4300
Life to 50% failures (hr)	(hr)	:	6000
Lumen Maintenance 5000h	(%)	:	81

