

# TECHNICAL INFORMATION BULLETIN

## EYE Sunlux Ace

**LAMP TYPE** : High Pressure Sodium Lamp  
NH75F/LX/70H

### PERFORMANCE DATA

Initial luminous flux at rated wattage after 100h burning	(lm)	:	6,200
Lamp lumen efficacy	(lm/W)	:	83
Rated average life	(h)	:	20,000
Warm up time	(min)	:	4
Restarting time	(min)	:	15 max.
Correlated colour temperature	(K)	:	1,900
CIE chromaticity	x	:	0.53
	y	:	0.40
Colour rendering index	(Ra)	:	17
Burning position		:	Any
Survival factor at 2,000h	(%)	:	100
4,000h	(%)	:	100
6,000h	(%)	:	100
8,000h	(%)	:	100
12,000h	(%)	:	99
16,000h	(%)	:	88
20,000h	(%)	:	50
Lumen Maintenance factor at 2,000h	(%)	:	96
4,000h	(%)	:	93
6,000h	(%)	:	92
8,000h	(%)	:	91
12,000h	(%)	:	89
16,000h	(%)	:	87
20,000h	(%)	:	85
Energy Efficiency Label		:	A
Weighted Energy consumption (kWh/1000h)		:	83

### Lamp wattage (Nominal)

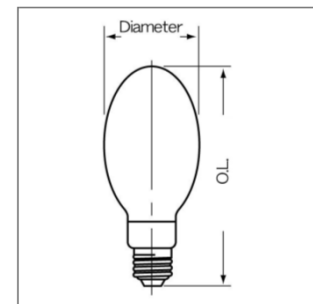
Lamp wattage (Nominal)	(W)	:	75
Lamp wattage (Rated)	(W)	:	75
Lamp voltage	(V)	:	115
Lamp current	(A)	:	0.80

### BALLAST AND IGNITOR INFORMATION

Compatible ballast	:	IEC 60188 (MVL-80W)
Ignitor	:	Not Required


### PHYSICAL DESCRIPTION


Base designation	:	E27
Bulb designation	:	E70 (70mm dia.)
Bulb material	:	Hard Glass
Bulb finish	:	Clear
Arc tube material	:	Alumina
Mercury(Hg) content	(mg)	24.9
Overall length	(mm)	156 max.
Light centre length (Nominal)	(mm)	98
Effective arc length (Nominal)	(mm)	40

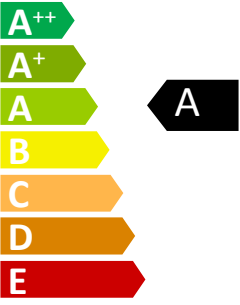


### LUMINAIRE DESIGN REQUIREMENTS

Bulb Temp. limit	( °C )	:	400
Base Temp. limit	( °C )	:	190
open / enclosed		:	Open fixture permissible

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 **IWASAKI** NH75F/LX/70H



**82.5** kWh/1000h