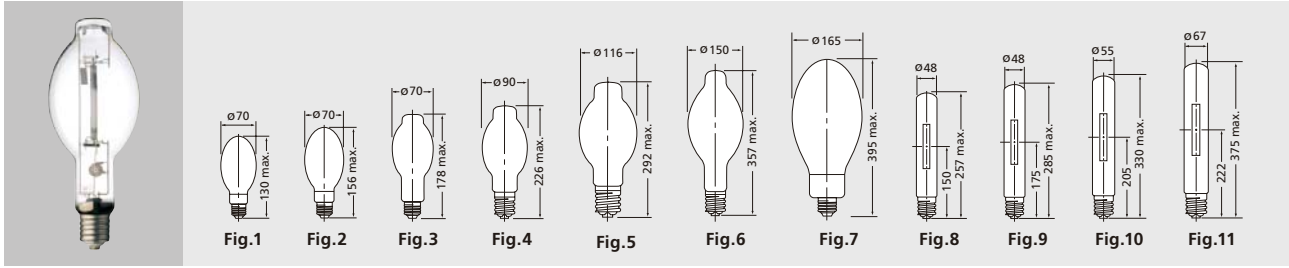


# EYE Sunlux Ace



## PHYSICAL DATA AND CHARACTERISTICS

Type	Watts (W)	Bulb	Base	Std. Pkg. Qty.	M.O.L. (mm)	L.C.L. (mm)	Lamp		Approx. Initial Lumens (lm)	Rated Av. Life (hrs)	Fig. No.
							Voltage (V)	Current (A)			
<b>E &amp; BT Diffuse</b>											
NH50FLX	50	E55	E27	30	130	—	95	0.61	3400	16000	1
NH75FLX/70S	75	E70	E27	24	156	—	115	0.80	6200	20000	2
NH75FLX/70H	75	E70	E27	24	156	—	115	0.80	6200	20000	2
NH110FLX	115	BT70	E27	24	178	—	125	1.15	11000	24000	3
NH220FLX	235	BT90	E40	12	226	—	130	2.13	25500	24000	4
NH360FLX	375	BT116	E40	12	292	—	135	3.25	46000	24000	5
NH660FLX	660	BT150	E40	6	357	—	140	5.40	90000	24000	6
NH940FLX*	940	E165	E40	6	395	—	145	7.50	131000	24000	7
<b>E &amp; BT Clear</b>											
NH75LX/70S	75	E70	E27	24	156	98	115	0.80	6500	20000	2
NH75LX/70H	75	E70	E27	24	156	98	115	0.80	6500	20000	2
NH110LX	115	BT70	E27	24	178	115	125	1.15	11600	24000	3
NH220LX	235	BT90	E40	12	226	146	130	2.13	28000	24000	4
NH360LX	375	BT116	E40	12	292	185	135	3.25	50000	24000	5
NH660LX	660	BT150	E40	6	357	230	140	5.40	95000	24000	6
NH940LX*	940	E165	E40	6	395	245	145	7.50	138000	24000	7
<b>Tubular</b>											
NHT220LX	235	T48	E40	12	257	150	130	2.13	28000	24000	8
NHT360LX	375	T48	E40	12	285	175	135	3.25	50000	24000	9
NHT660LX	660	T55	E40	12	330	205	140	5.40	95000	24000	10
NHT940LX*	940	T67	E40	12	375	222	145	7.50	138000	24000	11

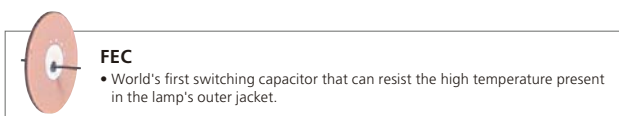
Notes: • Initial lumens is the value after 100 hrs of operation.  
 • Burning position: Any  
 • NH75LX/70S indicates soft glass and NH75LX/70H hard glass.  
 \* Please contact local distributor for FEC Type of 940W Sunlux Ace lamp.

High pressure sodium lamps with built-in FEC ignitor for use with ballast for mercury lamps.

### Features

- Direct replacement for mercury lamps; operates on standard mercury ballast.
- Up to 120 lm/W, high efficacy.
- Reliable long life by superior technology and quality.
- Built-in FEC ignitor controls pulse voltage, width and phase. The controlled pulse reduces arc tube darkening and lumen depreciation increasing lamp life.
- FEC protects ballast and wiring when lamp ceases to operate as the ignition pulse will be stopped automatically.
- Ra 25, CCT=2100K

Notes:  
 Warning / Caution notices: page 46, Operating Instruction: page 46

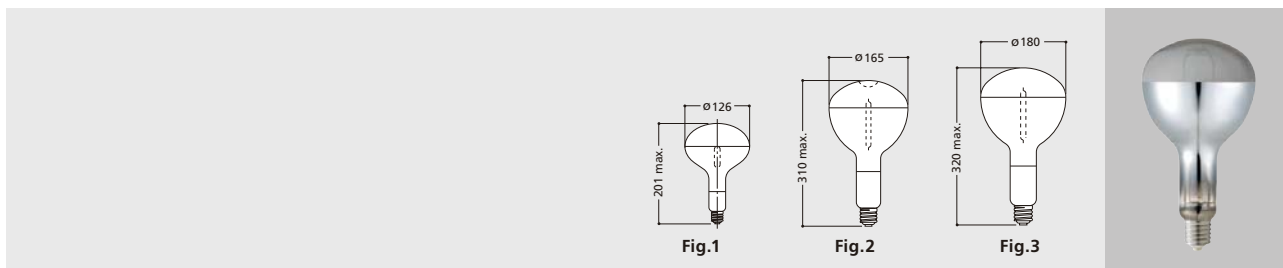


## EYE Sunlux Ace and mercury lamp ballast combination (Max. wiring distance from the ballast)

Type	Mercury Lamp Ballast (Reactor or Auto-transformer)	Allowable External Capacitance*
NH50FLX	50W	100pF
NH75FLX	80W	100pF**
NH110FLX	125W	1500pF
NH220FLX	250W	2500pF
NH360FLX	400W	2500pF
NH660FLX	700W	5000pF
NH940FLX	1000W	5000pF
NHT220LX	250W	2500pF
NHT360LX	400W	2500pF
NHT660LX	700W	5000pF
NHT940LX	1000W	5000pF

\* 100pF stray capacitance may be equivalent to about 1 meter length of twin cable.  
 \*\* 1500pF type is also available.

# EYE Sunlux Ace R bulb



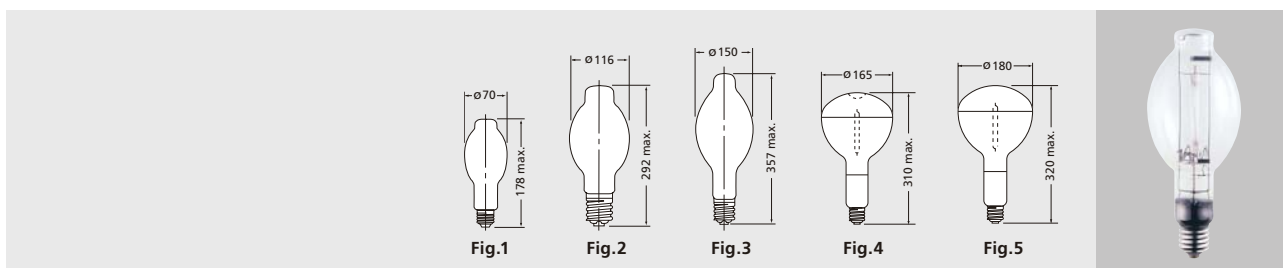
## PHYSICAL DATA AND CHARACTERISTICS

Type	Watts (W)	Bulb	Base	Std. Pkg. Qty.	M.O.L. (mm)	Lamp		Beam Lumens (lm)	Max. Light Intensity (cd)	Rated Av. Life (hrs)	Fig. No.
						Voltage (V)	Current (A)				
NHR75LX	75	R126	E27 or B22d-3	6	201	115	0.80	0-67.5° 3700 0-90° 4400	1120	16000	1
NHR110LX	115	R126	E27 or B22d-3	6	201	125	1.15	0-67.5° 6200 0-90° 7400	1900	24000	1
NHR220LX	235	R165	E40	6	310	130	2.13	0-67.5° 14000 0-90° 20000	4500	24000	2
NHR360LX	375	R180	E40	6	320	135	3.25	0-67.5° 25500 0-90° 34000	7300	24000	3

Notes: • Initial lumens are the value after 100 hrs of operation. • Burning position: Any

Notes:  
Warning / Caution notices: page 46, Operating Instruction: page 46

# EYE Sunlux Ace improved colour rendering



## PHYSICAL DATA AND CHARACTERISTICS

### BT Bulb Series

Type	Watts (W)	Bulb	Base	Std. Pkg. Qty.	M.O.L. (mm)	L.C.L. (mm)	Lamp		Approx. Initial Lumens (lm)	Rated Av. Life (hrs)	Fig. No.
							Voltage (V)	Current (A)			
<b>Diffuse Type</b>											
NH220FDLX	220	BT90	E40	12	226	—	130	2.13	19000	24000	1
NH360FDLX	360	BT116	E40	12	292	—	135	3.25	36000	24000	2
NH660FDLX	660	BT150	E40	6	375	—	140	5.40	69000	24000	3
<b>Clear Type</b>											
NH220DLX	220	BT90	E40	12	226	146	130	2.13	20000	24000	1
NH360DLX	360	BT116	E40	12	292	185	135	3.25	38000	24000	2
NH660DLX	660	BT150	E40	6	375	240	140	5.40	73000	24000	3

### R Bulb Series

Type	Watts (W)	Bulb	Base	Std. Pkg. Qty.	M.O.L. (mm)	Lamp		Beam Lumens (lm)	Max. Light Intensity (cd)	Rated Av. Life (hrs)	Fig. No.
						Voltage (V)	Current (A)				
NHR220DLX	220	R165	E40	6	310	130	2.13	0-65° 12000 0-90° 14500	3200	24000	4
NHR360DLX	360	R180	E40	6	320	135	3.25	0-65° 22000 0-90° 27000	5900	24000	5

Notes: • Initial lumens are the values after 100 hours of operation. • Burning position: Any

Improved colour rendering, high pressure sodium lamps with built-in FEC ignitor for use with ballast for mercury lamps.

### Features

- High efficiency with improved colour rendition (Ra=60)
- Direct replacement for mercury lamps; operates on standard mercury ballast.
- Provides warm light colour (CCT=2150 K)

### Notes:

Warning / Caution notices: page 46, Operating Instruction: page 46