



HIGH PRESSURE SODIUM

HPS FOR EYE SUNLUX "Ace" LAMPS

EYE Lighting has a range of Control Gear products (IEC 60188) that are suitable for operating EYE "Ace" direct replacement type lamps, including Sunlux "Ace" lamps. Versions are available in Gear Tray, Cast Box and Sturdigear configurations.



High Pressure Sodium Control Gear for EYE Sunlux "Ace" Lamps

Requirements

Control Gear for EYE Lighting Sunlux "Ace" lamps consists of: a reactor ballast (also commonly called a "choke") and a capacitor to adjust the high power factor to within acceptable parameters. No ignitor is required. Conforms to IEC 60188 performance specification.

EYE "Ace" Lamps

EYE "Ace" High Pressure Sodium lamps feature an ignitor inside the lamp and as such do not require control gear equipped with an ignitor.

Gear Tray - (GTS)

Gear Trays (GTS) are designed to be easily installed inside poles, walls, cabinets and other structures away from weather and other potential hazards.

Cast Box - (CB)

Cast Box (CB) types are IP65 rated and are fully enclosed in a cast aluminium casing allowing fitment in exterior locations that are exposed to the weather.

Sturdigear

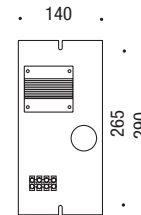
Sturdigear types are like Cast Boxes but with the added protection of anti-vibration features allowing fitment in more demanding industrial locations or situations.

CAUTION

Control gear is designed to match the characteristics of particular lamp types. The ballast (also called a "Choke") requirements are different for each lamp types, and care is required to correctly match the supply voltage / choke / lamp combination.

Mis-matched lamp / gear combinations can cause short life, reduced light output, colour shift, cycling and overheating of the components.

FIG. 1



(H) - Max. 95°

FIG. 4

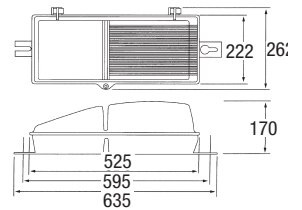
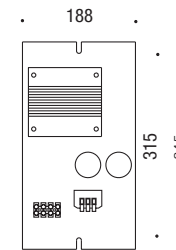


FIG. 2



(H) - Max. 145°

FIG. 5

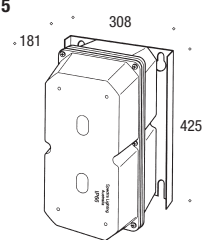


FIG. 3

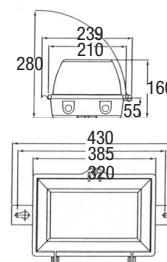
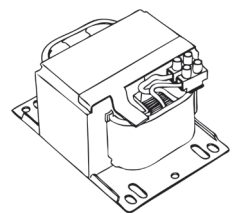


FIG. 6



*Specific dimensions available on request.

Product Range

	Code	Description	Input Volts (V)	Supply Current (at 0.9PF)		Lamp Values		Weight (kg)	Compatible Lamps	Fig
				Start Current	Run Current	Lamp Volts	Lamp Current			
110W	253600	S110 GTS	240	0.96	0.63	125	1.15	2.2	NH110(F)LX NHR110LX	1
	253200	RS110 CB	240	0.96	0.63	125	1.15	4.7		3
220W	253605	S220 GTS	240	1.92	1.25	130	2.13	3.5	NH220(F)LX NHR220LX NHT220LX NH220FDLX	1
	253210	RS220 CB	240	1.92	1.25	130	2.13	6.0		3
360W	253610	S360 GTS	240	3.15	1.98	135	3.25	3.8	NH360(F)LX NHR360LX NHT360LX NH360FDLX	1
	253220	RS360 CB	240	3.15	1.98	135	3.25	7.0		3
660W	253615	S660 GTS	240	5.70	3.59	140	5.40	6.8	NH660(F)LX NHR660LX	2
	253230	RS660 CB	240	5.70	3.40	140	5.40	11.8		4
940W	253620	S940 GTS	240	7.30	4.54	145	7.50	9.2	NH940(F)LX NHR940LX NHT940LX	2
	253235	RS940 CB	240	7.30	4.54	145	7.50	14.0		4
	253625	S940B GTS	415	4.40	2.70	145	7.50	19.2		2
	253240	RS940B CB	415	4.40	2.70	145	7.50	24.2		4
	251260	STURDIGEAR 940W HPS	415	4.40	2.70	130	8.30	19.0		5

Pictorial is representative only. Specifications may change without notice.

	Code	Description	Fig
BARE CHOKE	510134	ELX 360	6
	510268	ELX 660	6
	510129	ELX 940 / EH 10000	6

Pictorial is representative only. Specifications may change without notice.