

SYLVANIA

SHP MERCURY FREE
Cleaner light for a greener future





Nobody can question that high pressure sodium offers the best solution for almost every exterior municipal lighting situation. And, in an era of environmental awareness, the efficiency of both lamps and fixtures contributes towards a reduction in toxic emissions and acid rain, by using less power. But, nearly all SHP lamps contain mercury, which is toxic and therefore demands expensive and time consuming recycling. Until SHP

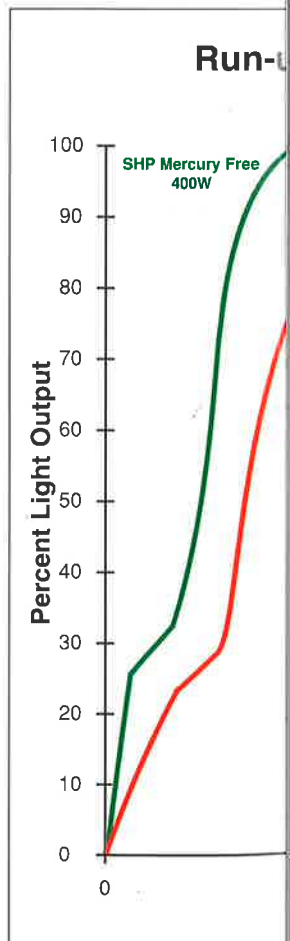
DISPOSE OF RECYCLING COSTS WITH SYLVANIA SHP MERCURY FREE.

Mercury Free from Sylvania, that is. These revolutionary lamps provide all of the advantages of traditional sodium lighting, but, as the name implies, without the mercury. So, when SHP Mercury Free lamps reach the end of their lives, you can dispose of them as easily as incandescent lamps, and expensive and time consuming recycling processes will become a thing of the past. Furthermore, as there will be no degradation of illumination levels in comparison to Super SHP and they reach full light output quicker, you will find that fitting Sylvania SHP Mercury Free lamps will ensure a brighter and greener environment for all.

Sylvania. A source of inspiration.

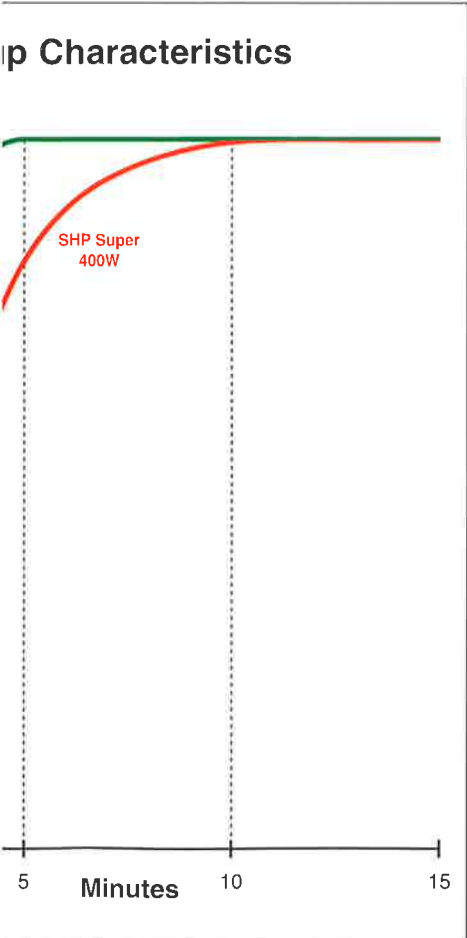


Light quality with S
full five minutes fas





SHP Mercury Free is superior to super high pressure sodium lamps, run-up time to full light output level is a matter and you can look forward to longer lamp life. So, maintenance costs will be reduced too.



SHP Mercury Free lamps are available from 50W to 400W, in both clear tubular and coated ellipsoidal versions. And because they are completely compatible with all existing SHP Super fittings, you can make the change to Mercury Free as soon as your next replacement cycle comes around.

SHP MERCURY FREE Product Data

Wattage (W)	Product Description	Bulb Finish	Overall Length (mm)	Bulb Diameter (mm)	Light Output (100 hr) lm	Lamp Voltage (V)	Lamp Current (A)	PF Capacitor (µF)	Standard Packing Quantity	Ordering Number
50	SHP-TS 50W Mercury Free	Clear	156	39	4000	85	0.76	8	40	20971
50	SHP-S 50W Mercury Free	Coated	165	72	3600	85	0.76	8	40	20989
70	SHP-TS 70W Mercury Free	Clear	156	39	6500	90	0.98	10	40	20990
70	SHP-S 70W Mercury Free	Coated	165	72	6000	90	0.98	10	40	20991
100	SHP-TS 100W Mercury Free	Clear	211	48	10000	100	1.2	12	12	20992
100	SHP-S 100W Mercury Free	Coated	186	76	9500	100	1.2	12	40	20993
150	SHP-TS 150W Mercury Free	Clear	211	48	17000	100	1.8	20	12	20994
150	SHP-S 150W Mercury Free	Coated	227	91	15500	100	1.8	20	12	20995
250	SHP-TS 250W Mercury Free	Clear	260	48	32000	100	2.9	40	12	20996
250	SHP-S 250W Mercury Free	Coated	227	91	31500	100	2.9	40	12	20997
400	SHP-TS 400W Mercury Free	Clear	292	48	55000	100	4.6	45	12	20998
400	SHP-S 400W Mercury Free	Coated	292	122	52500	100	4.6	45	12	20999

Colour temperature for all lamps 2,200 K (compared to SHP Standard & Super 2,050 K).
 Colour rendering Ra 25 (compared to SHP Standard & Super Ra 20).
 For continuous burning, Sylvania recommend the use of ballasts with thermal protection.



Sylvania reserves the right to change data and specification without notice. Data for guidance only.