



Halogen High Voltage SE (Theater) – super extended lamp life

Halogen High Voltage SE (Theater)

Two distinctive features make this lamp ideal for use in theater luminaires where long life is essential. Firstly, the filament is especially designed for extended lifetime. Secondly the highly innovative P3 technology, developed by Philips, allows the pinch to better withstand extreme heat conditions which extends the average lamp lifetime, ensures consistent high-quality light output over time, and results in fewer early failures and fewer maintenance man hour costs.

Benefits

- Enables use at higher temperatures in any burning position. Longer lifetime, fewer early failures, consistent performance over time.
- Ideal for theater lighting applications

Features

- Philips Pinch Protection
- Special filament design for use in luminaires where longer life is of great importance

Application

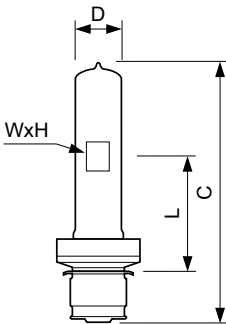
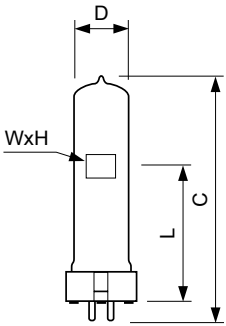
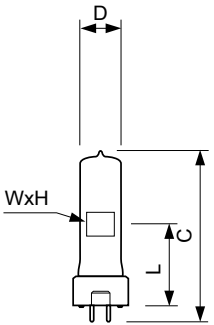
- Stage and theater lighting
- Effect lighting for discos and shows

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Versions



Dimensional drawing



Product	D	H	W	L	C
6874P 300W GY9.5 230V 1CT/10	18 mm	14 mm	8 mm	46.5 mm	80 mm
6820P 500W GY9.5 230V 1CT/10	22 mm	11 mm	11 mm	46.5 mm	90 mm
6823P 650W GY9.5 240V 1CT/10	22 mm	13.5 mm	11 mm	46.5 mm	90 mm
6823P 650W GY9.5 230V 1CT/10	22 mm	13.5 mm	11 mm	46.5 mm	90 mm
6874P 300W GY9.5 240V 1CT/10	18 mm	14 mm	8 mm	46.5 mm	80 mm
6877P 500W GY9.5 230V 1CT/10	18 mm	21 mm	8 mm	46.5 mm	85 mm
6820P 500W GY9.5 240V 1CT/10	22 mm	11 mm	11 mm	46.5 mm	90 mm
6877P 500W GY9.5 240V 1CT/10	18 mm	21 mm	8 mm	46.5 mm	85 mm

Product	D	H	W	L	C
6897P 1200W GX9.5 230V 1CT/10	25 mm	14.5 mm	15 mm	67 mm	120 mm
6998P 650W GX9.5 240V 1CT/10	22 mm	12.5 mm	10 mm	55 mm	110 mm
6996P 1000W GX9.5 230V 1CT/10	23 mm	17 mm	11 mm	55 mm	110 mm
6998P 650W GX9.5 230V 1CT/10	22 mm	12.5 mm	10 mm	55 mm	110 mm
6996P 1000W GX9.5 240V 1CT/10	23 mm	17 mm	11 mm	55 mm	110 mm
6897P 1200W GX9.5 240V 1CT/10	25 mm	14.5 mm	15 mm	67 mm	120 mm

Product	D	H	W	L	C
6800C 500W P28s 240V 1CT/10	22 mm	13 mm	9.5 mm	55.6 mm	130 mm
6996C 1000W P28s 240V 1CT/10	23 mm	16 mm	10 mm	55.6 mm	125 mm
6800C 500W P28s 120V 1CT/10	20 mm	10 mm	8.5 mm	55.6 mm	130 mm
6996C 1000W P28s 230V 1CT/10	23 mm	16 mm	10 mm	55.6 mm	125 mm

Halogen High Voltage SE (Theater)

Controls and Dimming	
Dimmable	Yes
General Information	
Main Application	Entertainment
Operating Position	UNIVERSAL
Mechanical and Housing	
Bulb Finish	Clear

Operating and Electrical

order code	Voltage (Nom)	Rapid Acting HBC Fuse	Power (Rated) (Nom)	order code	Voltage (Nom)	Rapid Acting HBC Fuse	Power (Rated) (Nom)
923853742928	230 V	6.3 V	1200 W	924516636328	120 V	6.3 V	500 W
923853745528	240 V	6.3 V	1200 W	923865443228	230 V	4 V	650 W
923865043228	230 V	4 V	650 W	923865445528	240 V	4 V	650 W
923865045528	240 V	4 V	650 W	923894043228	230 V	4 V	500 W
923865143228	230 V	6.3 V	1000 W	923894045528	240 V	4 V	500 W
923865145528	240 V	6.3 V	1000 W	923949743228	230 V	2 V	300 W
923854745528	240 V	4 V	500 W	923949745728	240 V	2 V	300 W
923865243228	230 V	6.3 V	1000 W	923949843228	230 V	4 V	500 W
923865245528	240 V	6.3 V	1000 W	923949845728	240 V	4 V	500 W

General Information

order code	Ansi Code	Cap-Base	LIF Code	Life To 50% Failures (Nom)	Philips Code	System Description
923853742928	FWS	GX9.5	T/29	480 h	6897P	P3 Technology
923853745528	FWT	GX9.5	T/29	480 h	6897P	P3 Technology
923865043228	-	GX9.5	T/21 (T/12)	900 h	6998P	P3 Technology
923865045528	-	GX9.5	T/21 (T/12)	900 h	6998P	P3 Technology
923865143228	FWP	GX9.5	T/19 (T/11)	900 h	6996P	P3 Technology
923865145528	FWR	GX9.5	T/19 (T/11)	900 h	6996P	P3 Technology
923854745528	-	P28S	T/24 (T/17)	900 h	6800C	P3 Technology
923865243228	FKD	P28S	T/20 (T/14)	900 h	6996C	P3 Technology
923865245528	FKD	P28S	T/20 (T/14)	900 h	6996C	P3 Technology
924516636328	BTL	P28S	-	750 h	6800C	-
923865443228	GCK-GCT	GY9.5	T/27 (T/26)	600 h	6823P	P3 Technology
923865445528	GCL-GCS	GY9.5	T/27 (T/26)	600 h	6823P	P3 Technology
923894043228	GCV-GVH	GY9.5	T/25 (T/18)	360 h	6820P	P3 Technology
923894045528	GCW-GCJ	GY9.5	T/25 (T/18)	360 h	6820P	P3 Technology
923949743228	-	GY9.5	M/38	2000 h	6874P	-
923949745728	-	GY9.5	M/38	2000 h	6874P	-
923949843228	-	GY9.5	M/40	2000 h	6877P	-
923949845728	-	GY9.5	M/40	2000 h	6877P	-

Light Technical

order code	Correlated Color Temperature (Nom)	Luminous Flux (Rated) (Nom)	order code	Correlated Color Temperature (Nom)	Luminous Flux (Rated) (Nom)
923853742928	3000 K	27600 lm	923865143228	3050 K	21000 lm
923853745528	3000 K	27600 lm	923865145528	3050 K	21000 lm
923865043228	3000 K	13000 lm	923854745528	2950 K	9500 lm
923865045528	3000 K	12600 lm	923865243228	3050 K	21000 lm

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order code	Correlated Color Temperature (Nom)	Luminous Flux (Rated) (Nom)
923865245528	3050 K	21000 lm
924516636328	2950 K	11000 lm
923865443228	3050 K	14500 lm
923865445528	3050 K	14500 lm
923894043228	3000 K	11000 lm

order code	Correlated Color Temperature (Nom)	Luminous Flux (Rated) (Nom)
923894045528	3000 K	11000 lm
923949743228	2950 K	5100 lm
923949745728	2950 K	5100 lm
923949843228	2950 K	10000 lm
923949845728	2950 K	10000 lm

Mechanical and Housing

order code	Filament Shape
923853742928	Bi-Plane
923853745528	Bi-Plane
923865043228	Bi-Plane
923865045528	Bi-Plane
923865143228	Bi-Plane
923865145528	Bi-Plane
923854745528	Bi-Plane
923865243228	Bi-Plane
923865245528	Bi-Plane

order code	Filament Shape
924516636328	Bi-Plane
923865443228	Bi-Plane
923865445528	Bi-Plane
923894043228	Bi-Plane
923894045528	Bi-Plane
923949743228	M
923949745728	M
923949843228	M
923949845728	M

