

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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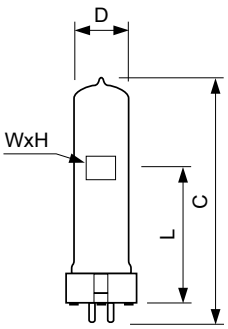
Versions



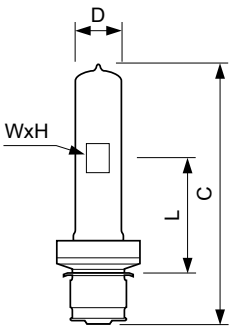




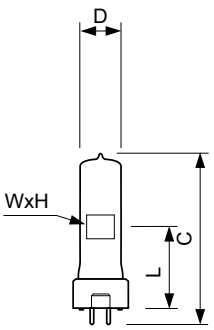
Dimensional drawing



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



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



Product	D	H	W	L	C
6820P 500W GY9.5 240V 1CT/10	22 mm	11 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
6823P 650W GY9.5 230V 1CT/10	22 mm	13.5 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
6820P 500W GY9.5 230V 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

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Controls and Dimming

Dimmable	Yes

General Information

Main Application	Entertainment
Operating Position	Universal

Mechanical and Housing

Bulb Finish	Clear (CL)

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Rapid Acting HBC Fuse	Power (Rated) (Nom)
141051	6897P FWS (T29) 230V 1200W	230 V	6.3 V	1200 W
272757	6897P 1200W GX9.5 240V 1CT/10	240 V	6.3 V	1200 W
141036	6998P (T21) 230V 650W	230 V	4 V	650 W
273383	6998P 650W GX9.5 240V 1CT/10	240 V	4 V	650 W
258046	6996P FWP 230V 1000W	230 V	6.3 V	1000 W
273367	6996P 1000W GX9.5 240V 1CT/10	240 V	6.3 V	1000 W
258038	6996C FKD 230V 1000W	230 V	6.3 V	1000 W
273342	6996C 1000W P28s 240V 1CT/10	240 V	6.3 V	1000 W

Order Code	Full Product Name	Voltage (Nom)	Rapid Acting HBC Fuse	Power (Rated) (Nom)
318915	BTL 500W 120V 10PK	120 V	6.3 V	500 W
257949	6823P GCK/GCT 650W 230V	230 V	4 V	650 W
272575	6823P 650W GY9.5 240V 1CT/10	240 V	4 V	650 W
257964	6820P GCV/GVH 230V 500W	230 V	4 V	500 W
272542	6820P 500W GY9.5 240V 1CT/10	240 V	4 V	500 W
272633	6874P 300W GY9.5 240V 1CT/10	240 V	2 V	300 W
272666	6877P 500W GY9.5 240V 1CT/10	240 V	4 V	500 W

General Information

Order Code	Full Product Name	Ansi Code	Cap-Base	LIF Code	Life To 50% Failures (Nom)	Philips Code	System Description
141051	6897P FWS (T29) 230V 1200W	FWS	GX9.5	T/29	480 h	6897P	P3 Technology
272757	6897P 1200W GX9.5 240V 1CT/10	FWT	GX9.5	T/29	480 h	6897P	P3 Technology
141036	6998P (T21) 230V 650W	-	GX9.5	T/21 (T/12)	900 h	6998P	P3 Technology
273383	6998P 650W GX9.5 240V 1CT/10	-	GX9.5	T/21 (T/12)	900 h	6998P	P3 Technology
258046	6996P FWP 230V 1000W	FWP	GX9.5	T/19 (T/11)	900 h	6996P	P3 Technology
273367	6996P 1000W GX9.5 240V 1CT/10	FWR	GX9.5	T/19 (T/11)	900 h	6996P	P3 Technology
258038	6996C FKD 230V 1000W	FKD	P28S	T/20 (T/14)	900 h	6996C	P3 Technology
273342	6996C 1000W P28s 240V 1CT/10	FKD	P28S	T/20 (T/14)	900 h	6996C	P3 Technology
318915	BTL 500W 120V 10PK	BTL	P28S	-	750 h	6800C	na
257949	6823P GCK/GCT 650W 230V	GCK-GCT	GY9.5	T/27 (T/26)	600 h	6823P	P3 Technology
272575	6823P 650W GY9.5 240V 1CT/10	GCL-GCS	GY9.5	T/27 (T/26)	600 h	6823P	P3 Technology
257964	6820P GCV/GVH 230V 500W	GCV-GVH	GY9.5	T/25 (T/18)	360 h	6820P	P3 Technology
272542	6820P 500W GY9.5 240V 1CT/10	GCW-GCJ	GY9.5	T/25 (T/18)	360 h	6820P	P3 Technology
272633	6874P 300W GY9.5 240V 1CT/10	-	GY9.5	M/38	2000 h	6874P	na
272666	6877P 500W GY9.5 240V 1CT/10	-	GY9.5	M/40	2000 h	6877P	na

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux (Rated) (Nom)
141051	6897P FWS (T29) 230V 1200W	3000 K	27600 lm

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Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux (Rated) (Nom)
272757	6897P 1200W GX9.5 240V 1CT/10	3000 K	27600 lm
141036	6998P (T21) 230V 650W	3000 K	13000 lm
273383	6998P 650W GX9.5 240V 1CT/10	3000 K	12600 lm
258046	6996P FWP 230V 1000W	3050 K	21000 lm
273367	6996P 1000W GX9.5 240V 1CT/10	3050 K	21000 lm
258038	6996C FKD 230V 1000W	3050 K	21000 lm

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux (Rated) (Nom)
273342	6996C 1000W P28s 240V 1CT/10	3050 K	21000 lm
318915	BTL 500W 120V 10PK	2950 K	11000 lm
257949	6823P GCK/GCT 650W 230V	3050 K	14500 lm
272575	6823P 650W GY9.5 240V 1CT/10	3050 K	14500 lm
257964	6820P GCV/GVH 230V 500W	3000 K	11000 lm
272542	6820P 500W GY9.5 240V 1CT/10	3000 K	11000 lm
272633	6874P 300W GY9.5 240V 1CT/10	2950 K	5100 lm
272666	6877P 500W GY9.5 240V 1CT/10	2950 K	10000 lm

Mechanical and Housing

Order Code	Full Product Name	Filament Shape
141051	6897P FWS (T29) 230V 1200W	Bi-Plane
272757	6897P 1200W GX9.5 240V 1CT/10	Bi-Plane
141036	6998P (T21) 230V 650W	Bi-Plane
273383	6998P 650W GX9.5 240V 1CT/10	Bi-Plane
258046	6996P FWP 230V 1000W	Bi-Plane
273367	6996P 1000W GX9.5 240V 1CT/10	Bi-Plane
258038	6996C FKD 230V 1000W	Bi-Plane
273342	6996C 1000W P28s 240V 1CT/10	Bi-Plane

Order Code	Full Product Name	Filament Shape
318915	BTL 500W 120V 10PK	Bi-Plane
257949	6823P GCK/GCT 650W 230V	Bi-Plane
272575	6823P 650W GY9.5 240V 1CT/10	Bi-Plane
257964	6820P GCV/GVH 230V 500W	Bi-Plane
272542	6820P 500W GY9.5 240V 1CT/10	Bi-Plane
272633	6874P 300W GY9.5 240V 1CT/10	M
272666	6877P 500W GY9.5 240V 1CT/10	M

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