



Halogen High Voltage SE (Film/ Studio) – stars on film and video

The high, constant output and consistent color temperature of these single ended halogen lamps ensure attractive, accurately exposed pictures for both film and video. Furthermore, these lamps incorporate the highly innovative P3 technology, developed by Philips. This allows the lamps to be used at higher temperatures, which extends overall lifetime and consistency of their high-quality light output. P3 technology also allows the lamp to be used in any burning position and enables more compact designs of fixtures. In addition, the very wide choice of dimensions and power ratings opens new levels of creative freedom for the luminaire designer.

Benefits

- Studio/film: High lumen output
- Studio/film: Enables use at higher temperatures in any burning position. Longer lifetime, fewer early failures, consistent performance over time.
- Video: Makes attractive, accurately exposed pictures possible

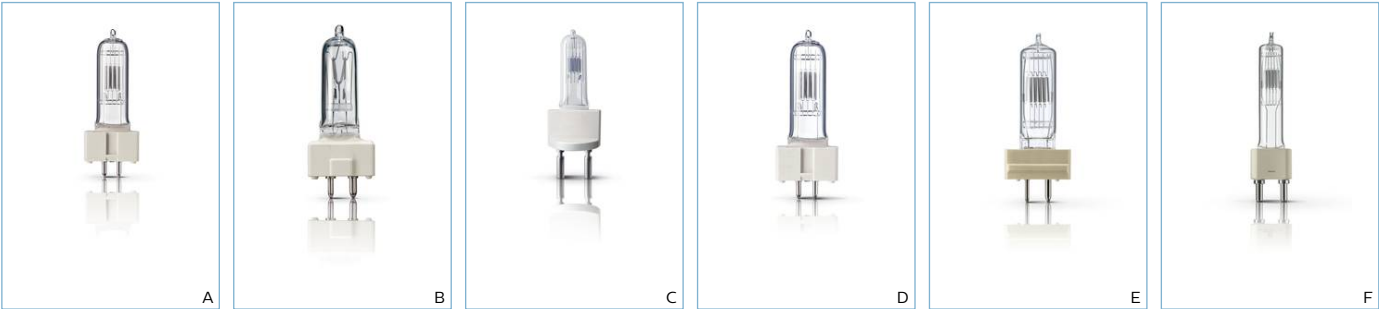
Features

- Studio/film: all lamps have a correlated color temperature of 3,200 K and P3 technology
- Video: high constant light output and color temperature

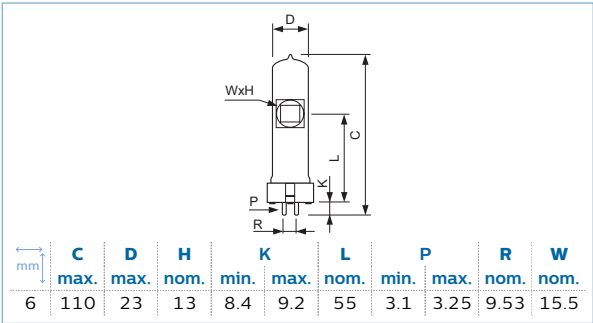
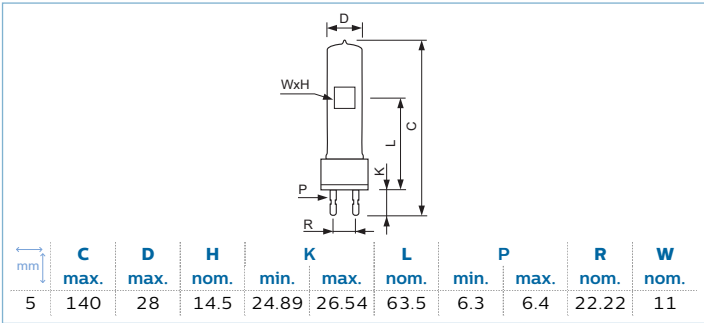
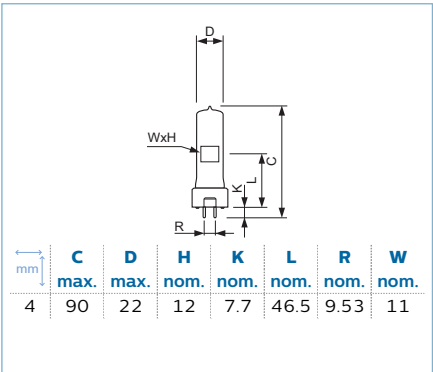
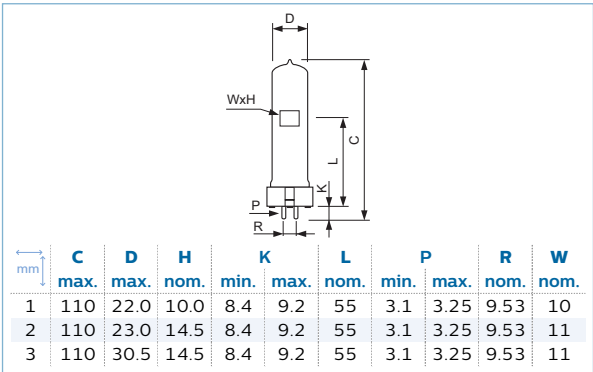
Application

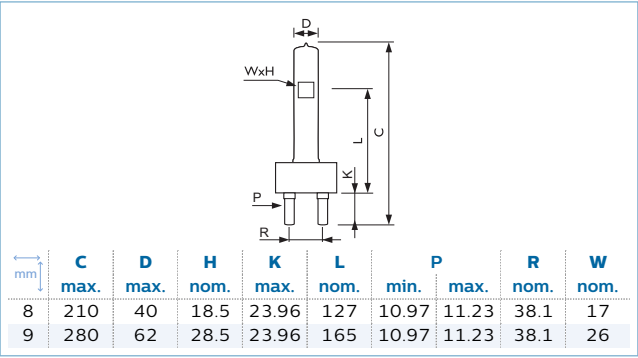
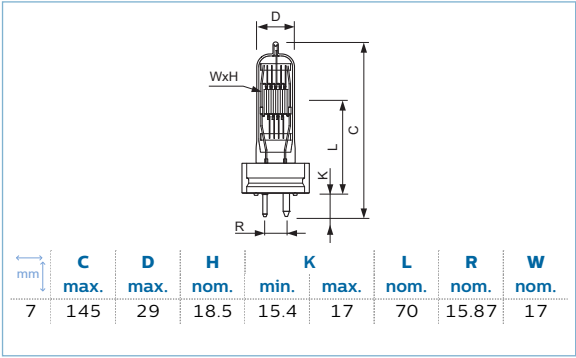
- Studio/film: Studio, film, theater and disco lighting
- Video: Portable film and video lights, reproduction cameras

Product Range



Dimension Drawing





Main Data

Type	Wattage	SAP Packing (Piece)/Packaging configuration	Bulb Temperature	Pinch Temperature			Photo letter	Ordering number 8711500...
	(W)		(°C [max.])	(°C [max.])				
6993P	650	CT / 10	900	400	S90	1	A	18517425
6638P	650	CT / 10	900	500	UNIVERSAL	4	B	18448125
6638P	650	CT / 10	900	500	UNIVERSAL	4	B	18451125
6995P	1,000	CT / 10		500	UNIVERSAL	2	A	18511225
6995Z	1,000	CT / 10		500	UNIVERSAL	5	C	18568625
	1,000	CT / 10	900	450	UNIVERSAL	3	A	50647425
6984P	1,000	CT / 10	900	500	UNIVERSAL	6	D	18529725
	1,200	CT / 10		500	UNIVERSAL	3	A	49546425
6994P	2,000	CT / 10		400	S90	7	E	18583925
6994Z	2,000	CT / 10		400	S90	8	F	18658425
6963Z	5,000	UNP / 1		500	UNIVERSAL	9	F	18678200

Electrical data

Commercial product name	Lamp power	Voltage	Rapid Acting HBC Fuse
	(W)	(V)	(V)
1000W GX9.5 230V 1CT/10	1,000	230	6.3
1200W GX9.5 120V 1CT/10	1,200	120	16.0
6638P 650W GY9.5 230V 1CT/10	650	230	4.0
6638P 650W GY9.5 240V 1CT/10	650	240	4.0
6963Z 5000W G38 240V UNP/1	5,000	240	25.0
6984P 1000W GX9.5 230V 1CT/10	1,000	230	6.3
6993P 650W GX9.5 230V 1CT/10	650	230	4.0
6994P 2000W GY16 230V 1CT/10	2,000	230	16.0
6994Z 2000W G38 240V 1CT/10	2,000	240	16.0
6995P 1000W GX9.5 230V 1CT/10	1,000	230	6.3
6995Z 1000W G22 240V 1CT/10	1,000	240	6.3

Lifetime data

Commercial product name	Life to 50% Failures
	(h)
1000W GX9.5 230V 1CT/10	200
1200W GX9.5 120V 1CT/10	150
6638P 650W GY9.5 230V 1CT/10	180
6638P 650W GY9.5 240V 1CT/10	180
6963Z 5000W G38 240V UNP/1	420
6984P 1000W GX9.5 230V 1CT/10	180
6993P 650W GX9.5 230V 1CT/10	120
6994P 2000W GY16 230V 1CT/10	480
6994Z 2000W G38 240V 1CT/10	480
6995P 1000W GX9.5 230V 1CT/10	240
6995Z 1000W G22 240V 1CT/10	240

Color data

Commercial product name	Bulb Finish
1000W GX9.5 230V 1CT/10	Clear
1200W GX9.5 120V 1CT/10	Clear
6638P 650W GY9.5 230V 1CT/10	Clear
6638P 650W GY9.5 240V 1CT/10	Clear
6963Z 5000W G38 240V UNP/1	Clear
6984P 1000W GX9.5 230V 1CT/10	Reflector
6993P 650W GX9.5 230V 1CT/10	Clear
6994P 2000W GY16 230V 1CT/10	Clear
6994Z 2000W G38 240V 1CT/10	Clear
6995P 1000W GX9.5 230V 1CT/10	Clear
6995Z 1000W G22 240V 1CT/10	Clear

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Luminous flux/efficacy/intensity data

Commercial product name	Luminous Flux (Rated) (lm)
1000W GX9.5 230V 1CT/10	25,000
1200W GX9.5 120V 1CT/10	34,200
6638P 650W GY9.5 230V 1CT/10	16,500
6638P 650W GY9.5 240V 1CT/10	16,500
6963Z 5000W G38 240V UNP/1	132,500
6984P 1000W GX9.5 230V 1CT/10	22,500
6993P 650W GX9.5 230V 1CT/10	16,500
6994P 2000W GY16 230V 1CT/10	50,000
6994Z 2000W G38 240V 1CT/10	50,000
6995P 1000W GX9.5 230V 1CT/10	25,000
6995Z 1000W G22 240V 1CT/10	25,000

Temperature data

Commercial product name	Correlated Color Temperature (K)	Bulb Temperature (°C [max.])
1000W GX9.5 230V 1CT/10	3,200	900
1200W GX9.5 120V 1CT/10	3,200	
6638P 650W GY9.5 230V 1CT/10	3,200	900
6638P 650W GY9.5 240V 1CT/10	3,200	900
6963Z 5000W G38 240V UNP/1	3,200	
6984P 1000W GX9.5 230V 1CT/10	3,200	900
6993P 650W GX9.5 230V 1CT/10	3,200	900
6994P 2000W GY16 230V 1CT/10	3,200	
6994Z 2000W G38 240V 1CT/10	3,200	
6995P 1000W GX9.5 230V 1CT/10	3,200	
6995Z 1000W G22 240V 1CT/10	3,200	

Environmental data & ETIM group & Design Requirements

Commercial product name	ETIM Group ¹
1000W GX9.5 230V 1CT/10	EC001057
1200W GX9.5 120V 1CT/10	EC001057
6638P 650W GY9.5 230V 1CT/10	EC001057
6638P 650W GY9.5 240V 1CT/10	EC001057
6963Z 5000W G38 240V UNP/1	EC001057
6984P 1000W GX9.5 230V 1CT/10	EC001057
6993P 650W GX9.5 230V 1CT/10	EC001057
6994P 2000W GY16 230V 1CT/10	EC001057
6994Z 2000W G38 240V 1CT/10	EC001057
6995P 1000W GX9.5 230V 1CT/10	EC001057
6995Z 1000W G22 240V 1CT/10	EC001057

¹ 'ETIM Group' value description(s): 'EC001057' = Studio Projection Photo Lamp

System data

Commercial product name	Lamp system description
6638P 650W GY9.5 230V 1CT/10	P3 Technology
6638P 650W GY9.5 240V 1CT/10	P3 Technology
6963Z 5000W G38 240V UNP/1	P3 Technology
6984P 1000W GX9.5 230V 1CT/10	P3 Technology
6993P 650W GX9.5 230V 1CT/10	P3 Technology
6995P 1000W GX9.5 230V 1CT/10	P3 Technology
6995Z 1000W G22 240V 1CT/10	P3 Technology

Operating data

Commercial product name	 ²	
1000W GX9.5 230V 1CT/10	UNIVERSAL	Yes
1200W GX9.5 120V 1CT/10	UNIVERSAL	Yes
6638P 650W GY9.5 230V 1CT/10	UNIVERSAL	Yes
6638P 650W GY9.5 240V 1CT/10	UNIVERSAL	Yes
6963Z 5000W G38 240V UNP/1	UNIVERSAL	Yes
6984P 1000W GX9.5 230V 1CT/10	UNIVERSAL	Yes
6993P 650W GX9.5 230V 1CT/10	S90	Yes
6994P 2000W GY16 230V 1CT/10	S90	Yes
6994Z 2000W G38 240V 1CT/10	S90	Yes
6995P 1000W GX9.5 230V 1CT/10	UNIVERSAL	Yes
6995Z 1000W G22 240V 1CT/10	UNIVERSAL	Yes

²  value description(s): 'S90' = Standing +/- 90D or Base Down (BDH), 'UNIVERSAL' = Any or Universal (U)

Miscellaneous & General data

Commercial product name	Cap-Base	ANSI Code	Main Application
1000W GX9.5 230V 1CT/10	GX9.5		Entertainment
1200W GX9.5 120V 1CT/10	GX9.5		Entertainment
6638P 650W GY9.5 230V 1CT/10	GY9.5	FRL	Entertainment
6638P 650W GY9.5 240V 1CT/10	GY9.5	FRM	Entertainment
6963Z 5000W G38 240V UNP/1	G38		Entertainment
6984P 1000W GX9.5 230V 1CT/10	GX9.5		Entertainment
6993P 650W GX9.5 230V 1CT/10	GX9.5	FVC	Entertainment
6994P 2000W GY16 230V 1CT/10	GY16	FTM	Entertainment
6994Z 2000W G38 240V 1CT/10	G38	FKK-FKP	Entertainment
6995P 1000W GX9.5 230V 1CT/10	GX9.5	FVA	Entertainment
6995Z 1000W G22 240V 1CT/10	G22	FKJ	Entertainment

Logistic data

Commercial product name	SAP Packing (Piece)/Packaging configuration ³	Numerator - Packs per outer box	Ordering number 8711500...	Material Nr. (12NC)	SAP Gross Weight (Piece) (g)	Net Weight (Piece) (g)	EAN - 3 8711500...
1000W GX9.5 230V 1CT/10	CT / 10	10	50647425	924505144234	73	42	507501
1200W GX9.5 120V 1CT/10	CT / 10	10	49546425	924521536328	72	43	499059
6638P 650W GY9.5 230V 1CT/10	CT / 10	10	18448125	924501342928	51	25	184498
6638P 650W GY9.5 240V 1CT/10	CT / 10	10	18451125	924501345528	51	25	184528
6963Z 5000W G38 240V UNP/1	UNP / 1	1	18678200	923865945524	569	365	186782
6984P 1000W GX9.5 230V 1CT/10	CT / 10	10	18529725	923891342928	71	39	185303
6993P 650W GX9.5 230V 1CT/10	CT / 10	10	18517425	923890342928	74	39	185181
6994P 2000W GY16 230V 1CT/10	CT / 10	10	18583925	923891042948	131	73	185846
6994Z 2000W G38 240V 1CT/10	CT / 10	10	18658425	923891145548	99	25	186591
6995P 1000W GX9.5 230V 1CT/10	CT / 10	10	18511225	923884642928	70	39	185129
6995Z 1000W G22 240V 1CT/10	CT / 10	10	18568625	923884745528	148	89	185693

³ 'SAP Packing (Piece)/Packaging configuration' value description(s): 'CT / 10' = CARTON, 'UNP / 1' = UNPACKED

Cap-Base Overview

