



Halogen Low Voltage – long life, low costs

Halogen Low Voltage

The long lifetime of most of the Halogen Low Voltage lamps is further extended by the unique P3 technology developed by Philips. This allows the lamp to be used at higher temperatures, thereby extending the lamp's lifetime, reducing early failures, and resulting in fewer maintenance man hour costs. P3 also ensures consistency of high-quality light output, and allows the lamp to be used in any burning position, which enables more compact fixture designs. In addition, the compact filament produces a clean white light and high beam intensity for true natural colors on stage and without any hotspots.

Benefits

- Lower lamp replacement costs
- High beam intensity
- Pure colors on stage
- Allows creative use without hotspots or shadows

Features

- Lifetime up to 1000 hours due to Philips Pinch Protection
- Compact filament
- White light
- Even light distribution

Application

- These lamps are especially suitable for disco, moving beam, luminaires

Halogen Low Voltage

Versions



GX5.3 smooth

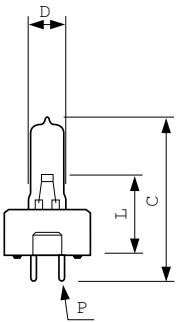
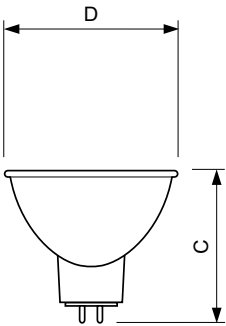


GZ9.5



GZ6.35

Dimensional drawing



Product	D (max)	C (max)
ELC/10H 250W GX5.3 24V 1CT/24	50 mm	44.5 mm
13163 ELC/5H 250W GX5.3 24V 1CT/24	50 mm	44.5 mm
6423/5H 150W GZ6.35 15V 1CT/10X5F	50 mm	42 mm
13164 200W GX5.3 24V 1CT/24	50.7 mm	44.5 mm
6423XHP FO 150W GZ6.35 15V 1CT/10X5F	50 mm	42 mm
14515 FO 75W GX5.3 12V 1CT/10X5F	50 mm	42 mm
6853 FO 75W GZ6.35 12V 1CT/10X5F	50 mm	42 mm

Product	D (max)	L (min)	L (max)	L	P (max)	P	P (min)
5974 150W GZ9.5 24V 1CT/10X10F	13.5 mm	32.5 mm	34.1 mm	33.3 mm	3.24 mm	3.17 mm	3.10 mm

Light Technical

Color Rendering Index (Nom) 100

Mechanical and Housing

Bulb Material Quartz-UV Open

Controls and Dimming

Order Code	Full Product Name	Dimmable
923921120594	13164 200W GX5.3 24V 1CT/24	Yes
924034417104	14515 FO 75W GX5.3 12V 1CT/10X5F	Yes

Order Code	Full Product Name	Dimmable
924862720540	13163 ELC/5H 250W GX5.3 24V 1CT/24	Yes
924913220540	ELC/10H 250W GX5.3 24V 1CT/24	Yes

Halogen Low Voltage

Order Code	Full Product Name	Dimmable
923928620503	5974 150W GZ9.5 24V 1CT/10X10F	-
924044218504	6423XHP FO 150W GZ6.35 15V 1CT/10X5F	Yes

Order Code	Full Product Name	Dimmable
924048617104	6853 FO 75W GZ6.35 12V 1CT/10X5F	Yes
924059218504	6423/5H 150W GZ6.35 15V 1CT/10X5F	Yes

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
923921120594	13164 200W GX5.3 24V 1CT/24	24 V	200 W
924034417104	14515 FO 75W GX5.3 12V 1CT/10X5F	12 V	75 W
924862720540	13163 ELC/5H 250W GX5.3 24V 1CT/24	24 V	250 W
924913220540	ELC/10H 250W GX5.3 24V 1CT/24	24 V	250 W
923928620503	5974 150W GZ9.5 24V 1CT/10X10F	24 V	150 W

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
924044218504	6423XHP FO 150W GZ6.35 15V 1CT/10X5F	15 V	150 W
924048617104	6853 FO 75W GZ6.35 12V 1CT/10X5F	12 V	75 W
924059218504	6423/5H 150W GZ6.35 15V 1CT/10X5F	15 V	150 W

General Information (1/2)

Order Code	Full Product Name	Ansi Code	Cap-Base	J Code	LIF Code	Life To 50% Failures (Nom)	Main Application	Operating Position
923921120594	13164 200W GX5.3 24V 1CT/24	EJL	GX5.3	-	A1/252	50 h	Projection	S90
924034417104	14515 FO 75W GX5.3 12V 1CT/10X5F	-	GX5.3	-	-	1600 h	Projection	S90
924862720540	13163 ELC/5H 250W GX5.3 24V 1CT/24	ELC-5H	GX5.3	-	-	500 h	Projection	S90
924913220540	ELC/10H 250W GX5.3 24V 1CT/24	ELC-10H	GX5.3	-	A1/259-10H	1000 h	Disco/Theatre	UNIVERSAL
923928620503	5974 150W GZ9.5 24V 1CT/10X10F	FDS-DZE	GZ9.5	-	A1/262	50 h	Projection	S90
924044218504	6423XHP FO 150W GZ6.35 15V 1CT/10X5F	EFR	GZ6.35	-	A1/232	50 h	Projection	P90/P15
924048617104	6853 FO 75W GZ6.35 12V 1CT/10X5F	EFN	GZ6.35	-	A1/230	50 h	Projection	P90/P15
924059218504	6423/5H 150W GZ6.35 15V 1CT/10X5F	EFR-5H	GZ6.35	-	A1/223-5H	500 h	Disco/Theatre	UNIVERSAL

General Information (2/2)

Order Code	Full Product Name	Philips Code
923921120594	13164 200W GX5.3 24V 1CT/24	13164
924034417104	14515 FO 75W GX5.3 12V 1CT/10X5F	14515 FO
924862720540	13163 ELC/5H 250W GX5.3 24V 1CT/24	13163
924913220540	ELC/10H 250W GX5.3 24V 1CT/24	13163

Order Code	Full Product Name	Philips Code
923928620503	5974 150W GZ9.5 24V 1CT/10X10F	5974
924044218504	6423XHP FO 150W GZ6.35 15V 1CT/10X5F	6423XHP FO
924048617104	6853 FO 75W GZ6.35 12V 1CT/10X5F	6853 FO
924059218504	6423/5H 150W GZ6.35 15V 1CT/10X5F	6423/5H

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux (Rated) (Nom)
923921120594	13164 200W GX5.3 24V 1CT/24	3400 K	1100 lm
924034417104	14515 FO 75W GX5.3 12V 1CT/10X5F	2900 K	420 lm
924862720540	13163 ELC/5H 250W GX5.3 24V 1CT/24	3400 K	-
924913220540	ELC/10H 250W GX5.3 24V 1CT/24	3400 K	-
923928620503	5974 150W GZ9.5 24V 1CT/10X10F	3400 K	5000 lm

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Flux (Rated) (Nom)
924044218504	6423XHP FO 150W GZ6.35 15V 1CT/10X5F	3380 K	-
924048617104	6853 FO 75W GZ6.35 12V 1CT/10X5F	3350 K	600 lm
924059218504	6423/5H 150W GZ6.35 15V 1CT/10X5F	3400 K	720 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape	Filament Shape
923921120594	13164 200W GX5.3 24V 1CT/24	-	-

Order Code	Full Product Name	Bulb Shape	Filament Shape
924034417104	14515 FO 75W GX5.3 12V 1CT/10X5F	R50	-

Halogen Low Voltage

Order Code	Full Product Name	Bulb Shape	Filament Shape
924862720540	13163 ELC/5H 250W GX5.3 24V 1CT/24	R50	-
924913220540	ELC/10H 250W GX5.3 24V 1CT/24	R50	-
923928620503	5974 150W GZ9.5 24V 1CT/10X10F	-	Flat

Order Code	Full Product Name	Bulb Shape	Filament Shape
924044218504	6423XHP FO 150W GZ6.35 15V 1CT/10X5F	R50	-
924048617104	6853 FO 75W GZ6.35 12V 1CT/10X5F	R50	-
924059218504	6423/5H 150W GZ6.35 15V 1CT/10X5F	R50	-

