

Halogen lamps with reflector MR16

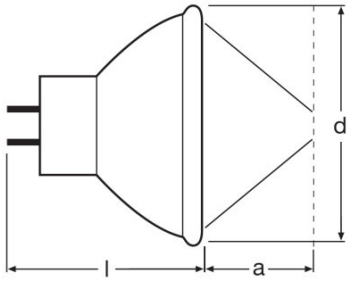


Product features

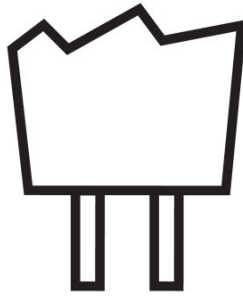
- Xenon instead of krypton as the filler gas (XENOPHOT HLX versions)
- Luminous flux up to 10 % higher with same power consumption (XENOPHOT HLX versions)



Product family datasheet



Product line drawing



Base

Product family datasheet

Technical data

Product description	Electrical data		Light technical data	Dimensions & weight		Lifespan	Additional product data		
	Nominal voltage	Nominal wattage	Focal length	Diameter	Length	Lifespan	Coating	Base (standard designation)	Minimum diameter of lamp enclosure
64607 50 W 8 V	8 V	50.00 W	32.0 mm	51.0 mm	42.0 mm	50 h	Aluminum	GZ6.35	51.0 mm
64615 HLX	12.0 V	75.00 W	32.0 mm	51.0 mm	42.0 mm	50 h	Dichroic	GZ6.35	51.0 mm
64619 90 W 14.5 V	14.5 V	90.00 W	155.0 mm	51.0 mm	45.0 mm	500 h	True	GX5.3	51.0 mm
64627 HLX	12.0 V	100.00 W	32.0 mm	51.0 mm	42.0 mm	50 h	True	GZ6.35	51.0 mm
64629 100 W 12 V	12.0 V	100.00 W	32.0 mm	51.0 mm	42.0 mm	600 h	Dichroic	GZ6.35	51.0 mm
64637 100 W 12 V	12.0 V	100.00 W	32.0 mm	51.0 mm	42.0 mm	1500 h	Dichroic	GZ6.35	
64620 150 W 15 V	15.0 V	150.00 W	32.0 mm	51.0 mm	42.0 mm	500 h	Dichroic	GZ6.35	
64634 HLX	15.0 V	150.00 W	32.0 mm	51.0 mm	42.0 mm	50 h	Dichroic	GZ6.35	51.0 mm
64635 HLX ¹⁾	15.0 V	150.00 W	19.0 mm	51.0 mm	45.0 mm	50 h	Gold	GZ6.35	51.0 mm
93637 150 W 21 V	21.0 V	150.00 W	44.5 mm	51.0 mm	44.5 mm	100 h	True	GX5.3	51.0 mm
93638 150 W 21 V	21.0 V	150.00 W	44.5 mm	51.0 mm	44.5 mm	200 h	Dichroic	GX5.3	51.0 mm
93653 250 W 24 V	24.0 V	250.00 W	35.0 mm	51.0 mm	44.5 mm	300 h	Dichroic	GX5.3	51.0 mm
64659 250 W 24 V	24.0 V	250.00 W	35.0 mm	51.0 mm	44.5 mm	1000 h	Dichroic	GX5.3	
Hal with Reflector 93506 250 W 120 V	120 V	250.00 W	152.5 mm	51.0 mm	44.5 mm	175 h	Dichroic	GY5.3	
Hal with Reflector 93518 300 W 120 V	120 V	300.00 W	152.5 mm	51.0 mm	45.0 mm	35 h	Dichroic	GY5.3	

Product family datasheet

Product description	Capabilities			Certificates & standards	Country specific categorizations		
	Dimmable	Cooling	Burning position		ANSI code	LIF	Order reference
64607 50 W 8 V	Yes	Forced	p90/p15	B	EFM	A1/229	64607 EFM 50W 8
64615 HLX	Yes	Forced	p90/p15	B	EFN	A1/230	64615 HLX
64619 90 W 14.5 V	Yes	Forced	Other	B	EPX		64619 90W 14,8V
64627 HLX	Yes	Forced	Other	B	EFP	A1/231	64627 HLX
64629 100 W 12 V	Yes	Forced	p90/p15	B	EFP-6		64629 100W 12V
64637 100 W 12 V			s120	B	EBV	A1/271	64637 EBV 100W
64620 150 W 15 V			p90/p15	B	EFR-5		64620 150W 15V
64634 HLX	Yes	Forced	p90/p15	B	EFR	A1/232	64634 HLX
64635 HLX ¹⁾	Yes	Forced	Any	B			64635 HLX
93637 150 W 21 V	Yes	Convection	s90	E	EJV		93637 150W 21V
93638 150 W 21 V	Yes	Forced	s90	E	EKE		93638 EKE 150W
93653 250 W 24 V	Yes	Forced	Any	E	ELC-3		93653 250W 24V
64659 250 W 24 V			Any	B	ELC-10		64659
Hal with Reflector 93506 250 W 120 V			s90	E	ENH		93506
Hal with Reflector 93518 300 W 120 V			s90	E	ELH		93518 ELH 300W

Product description	Photometrical data	
	Nominal luminous flux	Color temperature
64607 50 W 8 V		
64615 HLX		
64619 90 W 14.5 V	43 lm	

Product family datasheet

Product description	Photometrical data	
	Nominal luminous flux	Color temperature
64627 HLX		
64629 100 W 12 V		
64637 100 W 12 V		3000 K
64620 150 W 15 V		3270 K
64634 HLX		
64635 HLX ¹⁾		
93637 150 W 21 V		
93638 150 W 21 V		3300 K
93653 250 W 24 V		
64659 250 W 24 V	400 lm	3200 K
Hal with Reflector 93506 250 W 120 V	340 lm	3150 K
Hal with Reflector 93518 300 W 120 V		

¹⁾ Infra-red lamp; temperature at the focal point approximately 1300 °C

Product family datasheet

Application advice

For more detailed application information and graphics please see product datasheet.

References / Links

For further technical information please refer to the following OSRAM brochure:

“Technology and applications, Low-voltage tungsten-halogen lamps”

“Halogen lamps, low and medium voltage for entertainment, technical and medical applications” cross reference list

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.