

Halogen lamps with reflector MR16

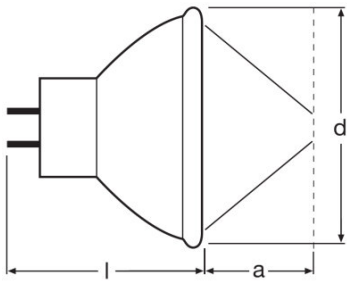


Product family features

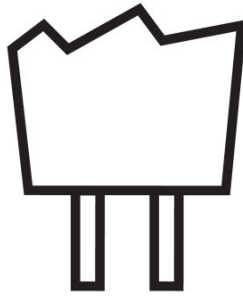
- Xenon instead of krypton as the filler gas (XENOPHOT HLX versions)
- Luminous flux up to 10 % higher with same power consumption (XENOPHOT HLX versions)



Product family datasheet



Product line drawing



Base

Product family datasheet

Technical data

Product description	Product information	Electrical data		Light technical data	Dimensions & weight		Lifespan
	Order reference	Nominal voltage	Nominal wattage	Focal length	Diameter	Length	Lifespan
64607 50 W 8 V	64607 EFM 50W 8	8 V	50.00 W	32.0 mm	51.0 mm	42.0 mm	50 h
64615 HLX	64615 HLX	12.0 V	75.00 W	32.0 mm	51.0 mm	42.0 mm	50 h
64619 90 W 14.5 V	64619 90W 14,8V	14.5 V	90.00 W	155.0 mm	51.0 mm	45.0 mm	500 h
64627 HLX	64627 HLX	12.0 V	100.00 W	32.0 mm	51.0 mm	42.0 mm	50 h
64629 100 W 12 V	64629 100W 12V	12.0 V	100.00 W	32.0 mm	51.0 mm	42.0 mm	600 h
64637 100 W 12 V	64637 EBV 100W	12.0 V	100.00 W	32.0 mm	51.0 mm	42.0 mm	1500 h
64620 150 W 15 V	64620 150W 15V	15.0 V	150.00 W	32.0 mm	51.0 mm	42.0 mm	500 h
64634 HLX	64634 HLX	15.0 V	150.00 W	32.0 mm	51.0 mm	42.0 mm	50 h
64635 HLX ¹⁾	64635 HLX	15.0 V	150.00 W	19.0 mm	51.0 mm	45.0 mm	50 h
93637 150 W 21 V	93637 150W 21V	21.0 V	150.00 W	44.5 mm	51.0 mm	44.5 mm	100 h
93638 150 W 21 V	93638 150W GX5.	21.0 V	150.00 W	44.5 mm	51.0 mm	44.8 mm	200 h
93653 250 W 24 V	93653 250W 24V	24.0 V	250.00 W	35.0 mm	51.0 mm	44.8 mm	300 h
64659 250 W 24 V	64659	24.0 V	250.00 W	35.0 mm	51.0 mm	44.5 mm	1000 h
Hal with Reflector 93506 250 W 120 V	93506	120 V	250.00 W	152.5 mm	51.0 mm	44.5 mm	175 h
Hal with Reflector 93518 300 W 120 V	93518 300W GY5.	120 V	300.00 W	152.5 mm	51.0 mm	45.0 mm	35 h

Product description	Additional product data			Capabilities	
	Coating	Base (standard designation)	Minimum diameter of lamp enclosure	Dimmable	Cooling
64607 50 W 8 V	Aluminum	GZ6.35	51.0 mm	Yes	Forced
64615 HLX	Dichroic	GZ6.35	51.0 mm	Yes	Forced
64619 90 W 14.5 V	True	GX5.3	51.0 mm	Yes	Forced
64627 HLX	True	GZ6.35	51.0 mm	Yes	Forced
64629 100 W 12 V	Dichroic	GZ6.35	51.0 mm	Yes	Forced
64637 100 W 12 V	Dichroic	GZ6.35			
64620 150 W 15 V	Dichroic	GZ6.35			
64634 HLX	Dichroic	GZ6.35	51.0 mm	Yes	Forced
64635 HLX ¹⁾	Gold	GZ6.35	51.0 mm	Yes	Forced
93637 150 W 21 V	True	GX5.3	51.0 mm	Yes	Convection
93638 150 W 21 V	Dichroic	GX5.3	51.0 mm	Yes	Forced
93653 250 W 24 V	Dichroic	GX5.3	51.0 mm	Yes	Forced
64659 250 W 24 V	Dichroic	GX5.3			

Product family datasheet

Product description	Additional product data			Capabilities	
	Coating	Base (standard designation)	Minimum diameter of lamp enclosure	Dimmable	Cooling
Hal with Reflector 93506 250 W 120 V	Dichroic	GY5.3			
Hal with Reflector 93518 300 W 120 V	Dichroic	GY5.3			

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

Product description	Photometrical data	
	Nominal luminous flux	Color temperature
64607 50 W 8 V		
64615 HLX		
64619 90 W 14.5 V	43 lm	
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	160 lm	3300 K
93653 250 W 24 V		3250 K
64659 250 W 24 V	400 lm	3200 K
Hal with Reflector 93506 250 W 120 V	340 lm	3150 K

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Product description	Photometrical data	
	Nominal luminous flux	Color temperature
Hal with Reflector 93518 300 W 120 V	525 lm	

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

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