

6.6 A Current Controlled Halogen - Pk30d Base Lamps for Series Operation

Areas of application

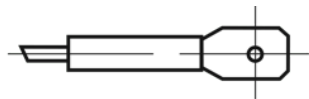
- Airfield Lighting



Product features and benefits

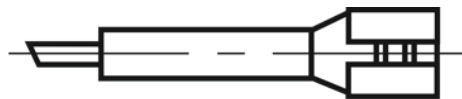
- Low maintenance costs due to long lamp life
- Consistent light output over the life of the lamp
- Durable construction provides resistance to the effects of vibration
- IR radiation provides guidance in low visibility conditions and facilitates defrosting in cold climates
- FAA approved in conjunction with many OEM fixtures
- Dimmable
- Flicker-free operation
- Ability to reduce light output when needed
- Mercury-free





Connector C, male flat

PK30d Connector C male flat



Connector A, female

PK30d Connector A female

Product family datasheet

Technical data

	General Product Information	Electrical Data		Photometric Data
Product description	LIF code	Nominal wattage	Nominal voltage	Nominal luminous flux
64319 Z/C 45-15	-	45 W	6.8 V	800 lm
64317 C 45-15	J1/76	45 W	6.8 V	800 lm
64317 IRC-C 45-30	J1/76	45 W	6.82 V	800 lm
64318 A 45-15	J1/77	45 W	6.8 V	800 lm
64328 HLX-A 65-15	-	65 W	9.8 V	1450 lm
64328 HLX-Z/C 65-15	-	65 W	9.8 V	1450 lm
64341 HLX-A 100-15	J1/79	100 W	15.2 V	2700 lm
64341 HLX-Z/C 100-15	J1/79	100 W	15.2 V	2700 lm
64342 HLX-C 100-15	J1/80	100 W	15.2 V	2700 lm
64361 HLX-A150-15	J1/83	150 W	22.7 V	3600 lm
64361 HLX-Z/C150-15	J1/83	150 W	22.7 V	3600 lm
64382 HLX-A 200-15	J1/84	200 W	30.3 V	4800 lm
64318 Z/C 45-15	J1/77	45 W	6.8 V	800 lm
64319 A 45-15	-	45 W	6.8 V	800 lm
64382 HLX-C 200-15	J1/84	200 W	30.3 V	4800 lm

				Physical Attributes & Dimensions
Product description	Color temperature	Light center length (LCL)	Light center length (LCL) - (in)	Lamp base
64319 Z/C 45-15	3000 K	20.0 mm	0.787 in	PK30d
64317 C 45-15	3000 K	16.0 mm	0.63 in	PK30d
64317 IRC-C 45-30	3000 K	16.0 mm	0.63 in	PK30d
64318 A 45-15	3000 K	16.0 mm	0.63 in	PK30d
64328 HLX-A 65-15	3050 K	20.0 mm		PK30d
64328 HLX-Z/C 65-15	3050 K	20.0 mm	0.787 in	PK30d
64341 HLX-A 100-15	3150 K	20.0 mm	0.787 in	PK30d
64341 HLX-Z/C 100-15	3150 K	20.0 mm	0.787 in	PK30d
64342 HLX-C 100-15	3150 K	20.0 mm	0.787 in	PK30d
64361 HLX-A150-15	3100 K	20.0 mm	0.787 in	PK30d
64361 HLX-Z/C150-15	3100 K	20.0 mm	0.787 in	PK30d
64382 HLX-A 200-15	3100 K	20.0 mm	0.787 in	PK30d
64318 Z/C 45-15	3000 K	16.0 mm	0.63 in	PK30d
64319 A 45-15	3000 K	20.0 mm	0.787 in	PK30d
64382 HLX-C 200-15	3100 K	20.0 mm	0.787 in	PK30d

Product description	Diameter	Diameter	Diameter (in)	Length
64319 Z/C 45-15	13.5 mm	13.5 mm	0.531 in	50.0 mm
64317 C 45-15	13.5 mm	13.5 mm	0.531 in	56.0 mm

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Product description	Diameter	Diameter	Diameter (in)	Length
64317 IRC-C 45-30	15.0 mm	15.0 mm	0.591 in	48.0 mm
64318 A 45-15	13.5 mm	13.5 mm	0.531 in	50.0 mm
64328 HLX-A 65-15	13.5 mm	13.5 mm		48.0 mm
64328 HLX-Z/C 65-15	13.5 mm	13.5 mm	0.531 in	48.0 mm
64341 HLX-A 100-15	13.5 mm	13.5 mm	0.531 in	48.0 mm
64341 HLX-Z/C 100-15	13.5 mm	13.5 mm	0.531 in	48.0 mm
64342 HLX-C 100-15	13.5 mm	13.5 mm	0.531 in	56.0 mm
64361 HLX-A150-15	13.5 mm	13.5 mm	0.531 in	50.0 mm
64361 HLX-Z/C150-15	13.5 mm	13.5 mm	0.531 in	50.0 mm
64382 HLX-A 200-15	13.5 mm	13.5 mm	0.531 in	57.0 mm
64318 Z/C 45-15	13.5 mm	13.5 mm	0.531 in	50.0 mm
64319 A 45-15	13.5 mm	13.5 mm	0.531 in	50.0 mm
64382 HLX-C 200-15	13.5 mm	13.5 mm	0.531 in	57.0 mm

Product description	Length with base excl. base pins/connection	Connector: presence	Product weight	Operating Conditions
				Burning position
64319 Z/C 45-15	32.00 mm	Yes	14.50 g	s90
64317 C 45-15	36.00 mm	Yes	14.50 g	s90
64317 IRC-C 45-30	28.00 mm	Yes	14.00 g	s90
64318 A 45-15	30.00 mm	Yes	14.50 g	s90
64328 HLX-A 65-15	36.00 mm	Yes	14.50 g	s90
64328 HLX-Z/C 65-15	32.00 mm	Yes	14.50 g	s90
64341 HLX-A 100-15	35.00 mm	Yes	14.50 g	s90
64341 HLX-Z/C 100-15	35.00 mm	Yes	14.50 g	s90
64342 HLX-C 100-15	40.00 mm	Yes	14.50 g	s90
64361 HLX-A150-15	35.00 mm	Yes	14.50 g	s90
64361 HLX-Z/C150-15	35.00 mm	Yes	14.50 g	s90
64382 HLX-A 200-15	36.00 mm	Yes	14.50 g	s90 ¹⁾
64318 Z/C 45-15	30.00 mm	Yes	14.50 g	s90
64319 A 45-15	32.00 mm	Yes	14.50 g	s90
64382 HLX-C 200-15	36.00 mm	Yes	15.60 g	s90

Product description	Lifetime Data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
	Nominal lifetime	Primary article identifier	Declaration no. in SCIP database	Candidate list substance 1
64319 Z/C 45-15	1500 hr	4008321345578	92d8f454-cc96- 4495-94ef- e05e11f45f17	Lead
64317 C 45-15	1500 hr	4008321345493	d9e66819-e040- 4c44-bee8- 4fcc5312c8c	Lead

Product family datasheet

	Lifetime Data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
Product description	Nominal lifetime	Primary article identifier	Declaration no. in SCIP database	Candidate list substance 1
64317 IRC-C 45-30	3000 hr	4008321340139	5600ea4e-4016-4650-b994-3ad8acf8f5a0	Lead
64318 A 45-15	1500 hr	4008321345516	ca26f0b4-6740-4bdb-a32d-7141568d2f95	Lead
64328 HLX-A 65-15	1500 hr	4008321345592	7b45910a-859c-4e0f-92af-6a2767687bd8	Lead
64328 HLX-Z/C 65-15	1500 hr	4008321345615	9ff014be-6b0f-4492-a2bc-1b13a5231d98	Lead
64341 HLX-A 100-15	1500 hr	4008321345639	295ed5f7-e593-41fd-8379-aabc1761b8d4	Lead
64341 HLX-Z/C 100-15	1500 hr	4008321345653	e7a8bc3b-5fc6-4418-aeba-14334908408b	Lead
64342 HLX-C 100-15	1500 hr	4008321345677	df9336c6-f6aa-4cf0-a57f-d26ee6b412c0	Lead
64361 HLX-A150-15	1500 hr	4008321345691	d0b74040-bc55-40f6-8ef2-40462d44a388	Lead
64361 HLX-Z/C150-15	1500 hr	4008321345714	6c568582-5ec0-420c-8707-25bfc628d83c	Lead
64382 HLX-A 200-15	1500 hr	4008321345738	bc021249-e7ad-4bcc-9af4-d2a7618c3637	Lead
64318 Z/C 45-15	1500 hr	4008321345530	4a7f4d00-b3f6-4ff5-9dab-8b40cfc83462	Lead
64319 A 45-15	1500 hr	4008321345554	b8092497-ad76-46a4-8f7f-7cd4786ab142	Lead
64382 HLX-C 200-15	1500 hr	4008321345752	2af12407-76cf-479d-a022-f57985523da4	Lead

Product description	CAS No. of substance 1	Safe use instruction
64319 Z/C 45-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
64317 C 45-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Product family datasheet

Product description	CAS No. of substance 1	Safe use instruction
64317 IRC-C 45-30	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
64318 A 45-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
64328 HLX-A 65-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
64328 HLX-Z/C 65-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
64341 HLX-A 100-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
64341 HLX-Z/C 100-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
64342 HLX-C 100-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
64361 HLX-A150-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
64361 HLX-Z/C150-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Product family datasheet

Product description	CAS No. of substance 1	Safe use instruction
64382 HLX-A 200-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
64318 Z/C 45-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
64319 A 45-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
64382 HLX-C 200-15	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

1) Despite transverse filament, can be inclined at any angle in s90 position

Product family datasheet

Safety advice

To prevent personal injury or damage to property, halogen lamps may only be operated in suitable luminaires designed with suitable mechanisms (protective shields, grids, etc.) to ensure that in the event of a lamp bursting no parts/shards can escape and that during operation no ultraviolet radiation can escape. There must also be a warning sign to indicate that the lamps give off high levels of heat. Detailed information is available on request.

Application advice

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

Disclaimer

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