

6.6 A Current Controlled Halogen - Single End Lamps for Series Operation



Areas of application

- Airfield Lighting

Product features and benefits

- Low maintenance costs due to long lamp life
- Reliable and consistent light output enhances visibility over the life of the lamp
- FAA approved in conjunction with many OEM fixtures
- Durable construction provides resistance to the effects of vibration
- Broad product portfolio for runway, taxiway, and approach lighting
- IR radiation provides guidance in low visibility conditions
- Flicker-free operation
- Ability to reduce light output when needed
- Mercury-free



Product family datasheet

Technical data

Product description	General Product Information		Electrical Data	Photometric Data
	ANSI code	LIF code	Nominal wattage	Nominal luminous flux
64322	EXL	-	30 W	400 lm
64311	-	J1/59	36 W	600 lm
64321	-	J1/57	45 W	900 lm
64320	EXM	-	45 W	875 lm
64346	-	J1/58	100 W	2300 lm
64386	-	J1/39	200 W	4700 lm
64350	EVV	-	110 W	
58750	EZL	-	200 W	5200 lm
64354	EWR	-	150 W	4000 lm

Product description	Color temperature	Color rendering index Ra	Light center length (LCL)	Light center length (LCL) - (in)
64322	2950 K	100	25.4 mm	1 in
64311	3050 K		33.0 mm	
64321	3050 K	100	33.0 mm	1.299 in
64320	3200 K	100	25.4 mm	1 in
64346	3150 K		33.0 mm	
64386	3200 K	100	33.0 mm	1.299 in
64350				
58750	3100 K	100	39.1 mm	1.54 in
64354	3100 K		39.1 mm	1.54 in

Product description	Physical Attributes & Dimensions			
	Lamp base	Diameter	Diameter	Diameter (in)
64322	GY9.5	13.5 mm	13.5 mm	0.453 in
64311	G6.35	11.0 mm	11.0 mm	
64321	G6.35	11.5 mm	11.5 mm	0.453 in
64320	GZ9.5	11.5 mm	11.5 mm	0.453 in
64346	G6.35	13.5 mm	13.5 mm	
64386	G6.35	13.5 mm	13.5 mm	0.531 in
64350	GZ9.5	13.5 mm	13.5 mm	
58750	GY9.5	13.0 mm	13.0 mm	0.512 in
64354	GY9.5	13.5 mm	13.5 mm	0.531 in

Product description	Length	Product weight	Operating Conditions	Lifetime Data
			Burning position	Nominal lifetime
64322	44.5 mm	10.42 g	s90 ¹⁾	1500 hr
64311	47.0 mm	2.60 g	s90	1500 hr

Product family datasheet

Product description	Length	Product weight	Operating Conditions	Lifetime Data
			Burning position	Nominal lifetime
64321	47.0 mm	2.60 g	s90	1500 hr
64320	44.5 mm	11.17 g	s90	1500 hr
64346	47.0 mm	2.60 g	s90	1200 hr
64386	47.0 mm	3.30 g	s90	1500 hr
64350	48.0 mm	14.50 g		1000 hr
58750	65.0 mm	13.50 g	Any	1300 hr
64354	65.0 mm	11.92 g	s90	1500 hr

Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Product description	Primary article identifier	Declaration no. in SCIP database	Candidate list substance 1
64322	4008321100146	No declarable substances contained	No declarable substances contained
64311	4008321106346	No declarable substances contained	No declarable substances contained
64321	4008321106360	No declarable substances contained	No declarable substances contained
64320	4008321100122	No declarable substances contained	No declarable substances contained
64346	4008321106384	No declarable substances contained	No declarable substances contained
64386	4050300317755 4008321106407	No declarable substances contained	No declarable substances contained
64350	4052899605442	No declarable substances contained	No declarable substances contained
58750	4008321100160	No declarable substances contained	No declarable substances contained
64354	4008321100207	No declarable substances contained	No declarable substances contained

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.