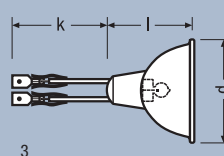
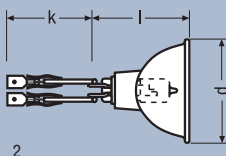
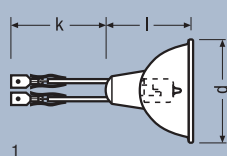
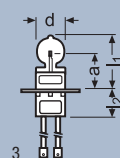
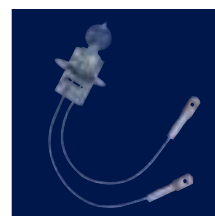
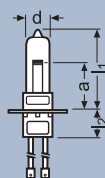
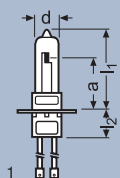


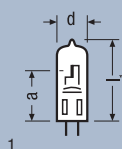
TUNGSTEN HALOGEN LAMPS FOR AIRFIELD LIGHTING



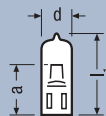
Product reference	Wattage (W)	Average life ¹⁾ (h)	Axial luminous intensity ²⁾ (kcd)	Max. diameter d (mm)	Max. length l (mm)	Min. cable length k (mm)	Connector	Normal pack (pcs.)	Fig. No.
Reflector lamps, for series operation at 6.6 Ampere (burning position: any)									
64331 SP-A-30-10 ³⁾	30	1000	min. 16	50.4	48	130	female	20	1
64331 FL-A 30-10 ⁴⁾	30	1000	min. 3.7	50.4	48	130	female	20	1
64331 FL-AC 30-10 ⁴⁾	30	1000	min. 3.7	50.4	48	130	female, male	20	1
64333 A 40-15	40	1500	min. 10	35.3	37	130	female	20	1
64333 B 40-15	40	1500	min. 10	35.3	37	130	female round	20	1
64333 C 40-15	40	1500	min. 10	35.3	37	130	male	20	1
64337 A 45-15	45	1500	min. 19	50.4	45	125	female	20	1
64337 B 45-15	45	1500	min. 19	50.4	45	125	female round	20	1
64337 A 48-15	48	1500	min. 20	50.4	45	125	female	20	1
64337 B 48-15	48	1500	min. 20	50.4	45	125	female round	20	1
64337 C 48-15	48	1500	min. 20	50.4	45	125	male	20	1
64337 IRC-A 48-30	48	3000	min. 20	50.4	45	125	female	20	3
64337 IRC-C 48-30	48	3000	min. 20	50.4	45	125	male	20	3
64338 AC 48-10	48	1000	min. 23	50.4	45	125	female, male	20	1
64336 A 62-15	62	1500	min. 28	50.4	45	125	female	20	1
64339 A 105-10	105	1000	min. 30	50.4	48	125	female	20	2
64339 AC 105-10	105	1000	min. 30	50.4	48	125	female, male	20	2
64339 B 105-10	105	1000	min. 30	50.4	48	125	female round	20	2
64339 C 105-10	105	1000	min. 30	50.4	48	125	male	20	2



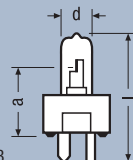
Product reference	LIF code	Wattage (W)	Average life ¹⁾ (h)	Luminous flux (lm)	Connector	Filament	Filament dimensions w x h (mm)	a ⁶⁾ (mm)	Max. diameter d (mm)	Max. length l ₁ (mm)	Max. length l ₂ (mm)	Normal pack (pcs.)	Fig. No.
Lamps with PK30d base, for series operation at 6.6 Ampere (burning position: s90 / vertical-to-horizontal, base down)													
64317 C 45-15	J1/76	45	1500	800	male	C-8	1.4 x 3.4	16	13.5	max. 36	max. 20	100	1
64317 IRC-C 45-30	J1/76	45	3000	800	male	C-8	2.1 x 2.9	16	15	max. 28	max. 20	100	3
64318 A 45-15	J1/77	45	1500	800	female	C-8	1.4 x 3.4	16	13.5	max. 30	max. 20	100	1
64318 Z 45-15 ⁵⁾	J1/77	45	1500	800	male	C-8	1.4 x 3.4	16	13.5	max. 30	max. 20	100	1
64319 A 45-15		45	1500	800	female	C-8	1.4 x 3.4	20	13.5	max. 34	max. 16	100	1
64319 Z 45-15 ⁵⁾		45	1500	800	male	C-8	1.4 x 3.4	20	13.5	max. 34	max. 16	100	1
64319 IRC-A 45-30		45	3000	800	female	C-8	2.1 x 2.9	20	15	max. 32	max. 16	100	3
64328 HLX-A 65-15		65	1500	1450	female	Cbar-6	3.2 x 3.2	20	13.5	max. 32	max. 16	100	2
64328 HLX-Z 65-15 ⁵⁾		65	1500	1450	male	Cbar-6	3.2 x 3.2	20	13.5	max. 32	max. 16	100	2
64341 HLX-A 100-15	J1/79	100	1500	2700	female	Cbar-6	5.3 x 3.0	20	13.5	max. 32	max. 16	100	2
64341 HLX-Z 100-15 ⁵⁾	J1/79	100	1500	2700	male	Cbar-6	5.3 x 3.0	20	13.5	max. 32	max. 16	100	2
64342 HLX-C 100-15	J1/80	100	1500	2700	male	Cbar-6	5.3 x 3.0	20	13.5	max. 40	max. 16	100	2
64361 HLX-A 150-15	J1/83	150	1500	3600	female	Cbar-6	7.1 x 3.6	20	13.5	max. 34	max. 16	100	2
64361 HLX-Z 150-15 ⁵⁾	J1/83	150	1500	3600	male	Cbar-6	7.1 x 3.6	20	13.5	max. 34	max. 16	100	2
64382 HLX-A 200-15	J1/84	200	1500	4800	female	CC-6	6.2 x 3.9	20	13.5	max. 36	max. 21	100	2
64382 HLX-C 200-15	J1/84	200	1500	4800	male	CC-6	6.2 x 3.9	20	13.5	max. 36	max. 21	100	2



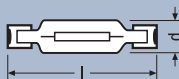
2



3



4



5

Product reference	LIF/ ANSI code	Current (A)	Wattage (W)	Base	Average life (h)	Luminous flux (lm)	Burning position	Filament	Filament dimensions w x h (mm)	Max. diameter d (mm)	Max. length l1 (mm)	a (mm)	Normal pack (pcs.)	Fig. No.
Single-ended lamps, for series operation														
64322	EXL	6.6	30	GZ(GY)9.5	1500	430	s90	C-8	1.2 x 3.5	11.5	max. 44.5	25.4	12	3
64311	J1/59	6.0	36	G6.35	1500	600	s90	C-8	1.2 x 3.3	11.5	max. 47	33	40	1
64321	J1/57	6.6	45	G6.35	1500	900	s90	C-8	1.3 x 3.6	11.5	max. 47	33	40	1
64320	EXM	6.6	45	GZ9.5	1500	900	s90	C-8	1.4 x 3.3	11.5	max. 44.5	25.4	12	3
64346	J1/58	6.6	100	G6.35	1200	2300	s90 ⁷⁾	Cbar-6	3.0 x 4.7	13.5	max. 47	33	40	2
64354	EWR	6.6	150	GZ(GY)9.5	1000	3700	s90	Cbar-6	4.4 x 5.5	13.5	max. 63.5	39.1	12	3
64386	J1/39	6.6	200	G6.35	1500	4700	s90 ⁷⁾	Cbar-6	4.6 x 6.8	13.5	max. 47	33	40	2
58750	EZL	6.6	200	GZ(GY)9.5	1300	5200	s90	CC-6	5.5 x 3.8	13	65	39.1	12	3

Product reference	LIF code	Current (A)	Wattage (W)	Base	Average life (h)	Luminous flux (lm)	Burning position	Filament	Filament dimensions w x h (mm)	Max. diameter d (mm)	Max. length l1 (mm)	Normal pack (pcs.)	Fig. No.
Double-ended lamps, for series operation													
64315	J1/78	6.6	45	R7S	1000	750	any	C-8	4 x 1.5	8.8	47.5	25	4
64340	J1/82	6.6	100	R7S	1000	2000	any	CC-8	6 x 2.6	12	60.2	25	5
64380	J1/40	6.6	200	R7S	1000	4400	any	CC-8	10 x 3	15	60.2	25	5

1. Reference	2. Product feature	3. Connector	4. Wattage	5. Lifetime
64331	FL (Flood)	A	30	10 = 1000 h
64333	SP (Spot)	B	40	15 = 1500 h
64337	IRC (IR-coated)	C	45	20 = 2000 h
64336	HLX (Xenon gas inside)	AC	48	30 = 3000 h
64338	CER (with Ceramic stone)		62	
64339			105	

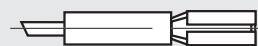
For example:

64337 IRC-A 48-30 (64337 IRC lamp with connector A, female, 48W, 3000 h average life)

Label connectors are available in a flat or round design:



Connector A, female
Complies with DIN 46247



Connector B, female round
For contacts Ø 4 mm



Connector C, male flat
Complies with DIN 46248

OSRAM GmbH

Display/Optic Division

Nonnendammallee 44

13625 Berlin

Phone: +49 (0) 30-33 86-21 74

Fax: +49 (0) 30-33 86-23 59

E-mail: info@osram.com

- At 6.6 A
- At 0° direction and at 6.6 A
- Spot adjustment
- Flood adjustment
- Male connector Z/C complies with DIN 46248
- Reference plane for length "a" is the upper plane of the adjustment ring; this must be considered when designing optical systems
- Despite transverse filament, can be inclined at any angle in 90° position

General information

Sales and deliveries are subject to the OSRAM terms of supply and payment valid on the day the sales agreement is signed. Operating data and dimensions are subject to the usual slight tolerances. OSRAM reserves the right to make technical modifications without notice. All supplies subject to availability.