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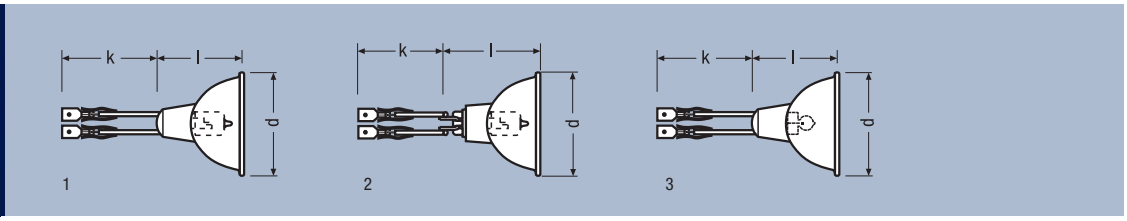
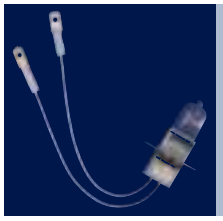
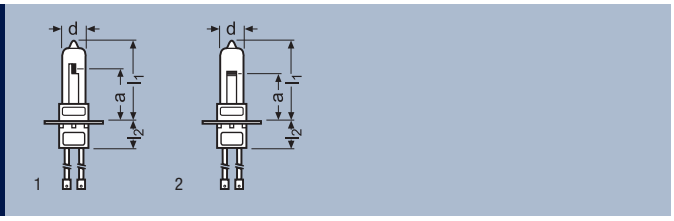
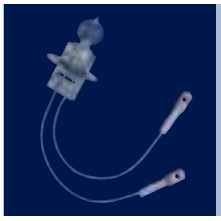
# TUNGSTEN HALOGEN LAMPS FOR AIRFIELD LIGHTING

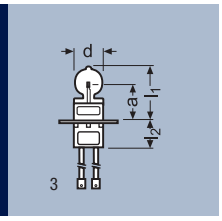



| Product reference | Wattage (W) | Average life [1] (h) | Axial luminous intensity [2] (kcd) | Max. diameter d (mm) | Max. length l (mm) | Min. cable length k (mm) | Connector | Normal pack (pcs.) | Fig. No. |
|---|---|---|---|---|---|---|---|---|---|
| **Reflector lamps, for series operation at 6.6 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 |
| IRC **64337 IRC-A 48-30** | 48 | **3000** | min. 20 | 50.4 | 45 | 125 | female | 20 | 3 |
| IRC **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 |
| IRC **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 |
| IRC **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 |

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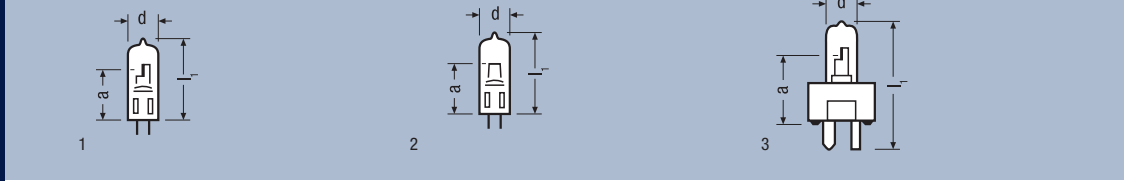
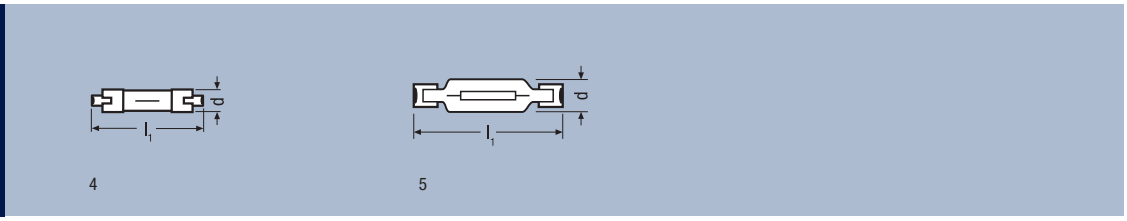





| Product reference | LIF/ ANSI code | Current (A) | Wattage (W) | Base | Average life (h) | Luminous flux (lm) | Burning position | Filament | Filament dimensions w x h (mm) | Max. diameter d (mm) | Max. length $l_1$ (mm) | a (mm) | Normal pack (pcs.) | Fig. No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **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 $l_1$ (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 |

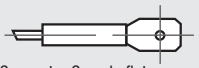
| 1. Reference | 2. Product feature | 3. Connector | 4. Wattage | 5. Lifetime |
|---|---|---|---|---|
| 64331 | FL (Flood) | A | 30 | 10 = 1000 h |
| 64333 | SP (Spot) | B | 40 | 15 = 1500 h |
| 64337 | IRC (IR-coated) | C | 45 | 20 = 2000 h |
| 64336 | HLX (Xenon gas inside) | AC | 48 | 30 = 3000 h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

For example:
64337 IRC-A 48-30 (64337 IRC lamp with connector A, female, 48 W, 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 ∅ 4 mm



Connector C, male flat
Complies with DIN 46248

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1) At 6.6 A
2) At 0° direction and at 6.6 A
3) Spot adjustment
4) Flood adjustment
5) Male connector Z / C complies with DIN 46248
6) Reference plane for length “a” is the upper plane of the adjustment ring; this must be considered when designing optical systems
7) 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.

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