

Technical Information

No. FO 4237

Edition: 04/00 - subject to change

Supersedes: 09/90

Status: valid

Tungsten Halogen Lamp
for airfield lighting

HLX 64341

General description

- Tungsten halogen lamp
- Series operation with max. 6.6 A
- Long-life
- Cement-free base
- Cables with male connectors (ISO 8092-1)

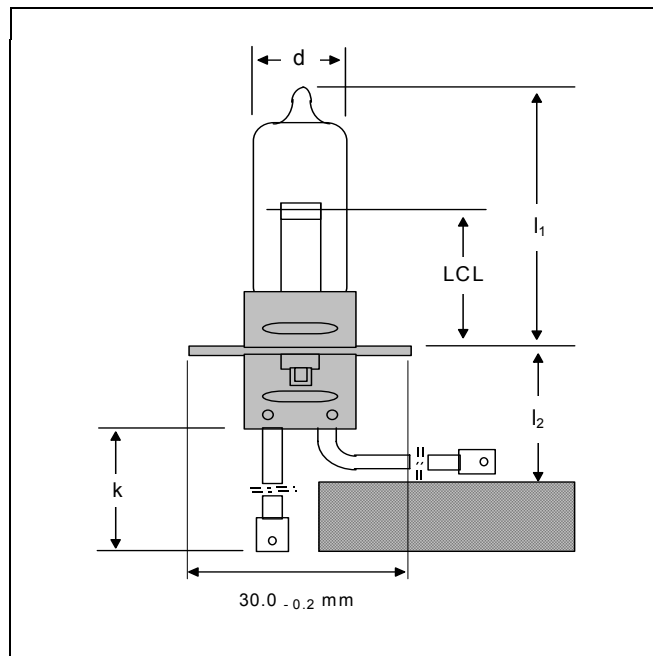
Technical data

Electrical data

Rated lamp wattage	W	100
Maximum initial wattage	W	110
Maximum operation current	A	6.6

Performance data (at 6.6 A)

Rated luminous flux	lm	2700
Minimum initial luminous flux	lm	2430
Average life	h	1000
Luminous flux after 750 h	lm	min. 90% of initial value



Internal dimensions

Filament type		CBar-6
Filament width	mm	approx. 5.4
Filament height	mm	approx. 3.0
LCL	mm	20.0 ± 0.5
Deviation of filament centre	mm	max. 1.0 (refers to base axis)

External dimensions

Height I_1	mm	max. 32
Free space I_2	mm	required min. 23
Cable length k	mm	min. 115
Bulb diameter d	mm	max. 13.5

Base and connector

Base	PK30d (replaces former PKX30d; free space I_2 ensures compatibility)
Connector	male, tab ISO 8092-1 6.3 x 0.8 0H

Operation conditions

Burning position	s90, vertical to horizontal, base down
Maximum pinch temperature	°C 350
Maximum ambient temperature	°C 200

Compliance with international standards

Chromaticity	within white boundaries as defined in Annex 14 to the Convention of International Civil Aviation
--------------	--

