

HRI-TS 2000W/N/L/400/K12s (324 16582)

The Radium metal halide lamp HRI-TS 2000W/N/L is a high pressure discharge lamp with double ended glass bulb. This lamp is very economic in spite of a good colour rendering index. The extreme compact design allows an operation in smaller fixtures with minor wind load. With long-arc technology it's particularly suitable for floodlights. Light colour N offers a pleasing neutral white.



- Advantages:**
- **Compact lamp design (without outer bulb)**
 - **Extreme high luminous flux**
 - **Very high lamp luminous efficacy**
 - **Suitable for hot restrike**
 - **Optimal for a homogeneous large area illumination in combination with an asymmetric floodlight**

Main application: Large area illumination like industrial plants, sport- and floodlight, industry illumination, airports, shipyard and ports, container handling facilities

Notes: This lamp is not suitable for applications with dimmer or power reduction systems.

Safety: HRI lamps must be operated under the specified operating conditions with suitable control gear, only. This lamp must be operated with protective screen, only.

Technical data:

Electrical parameters	
Rated lamp wattage:	2150 W
Mains voltage (AC):	400 V
Nominal choke current:	10,3 A
Nominal lamp current:	10,4 A
Lamp voltage:	225 V
Ignition voltage min./max.:	4/5 kVs
Hot restrike voltage:	36 kVs
Compensation capacitor ¹⁾ :	60 µF

Photometric data	
Luminous flux:	230 000 lm
Luminous efficacy:	107 lm/W
Colour temperature:	4100 K
Colour rendering index Ra:	65

Lifetime & Performance	
Mean service life ²⁾ :	8000 h
5% early failure rate ²⁾ (B5):	2000 h
Run up period:	2-4 min
Max. ignition time:	≤120 s
Burning position:	p15
Ignition guaranteed down to ca.:	-50 ³⁾ °C
Max. perm. pinch temp.:	390 °C
Max. perm. outer bulb temp.:	950 °C

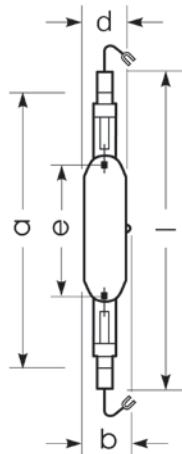
Geometry / Other	
Hg content:	220 mg
Base:	K12s
Length l max.:	274 mm
Diameter d max.:	32 mm
a:	242 ± 2 mm
b max.:	40 mm
Distance of electrodes e:	120,5 mm

¹⁾50Hz, cos φ ≈ 0.9 ²⁾switching cycle: 11h/1h on/off @ 50Hz ³⁾ with special ignitor

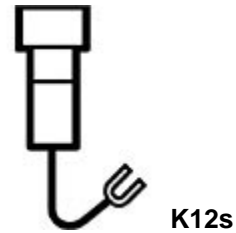
Metal halide lamp

Geometry:

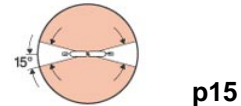
l	274	mm
d	32	mm
a	242 ± 1	mm
b	40	mm
e	120,5	mm



Base:



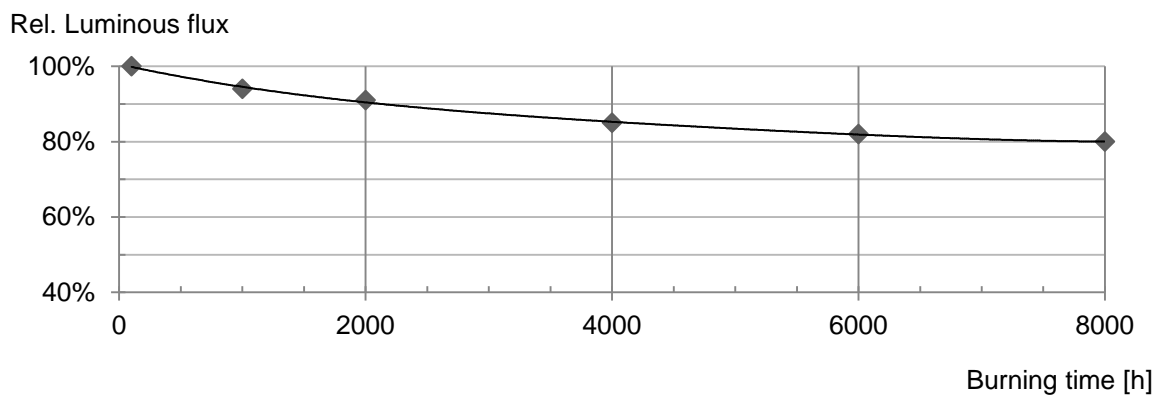
Burning position:



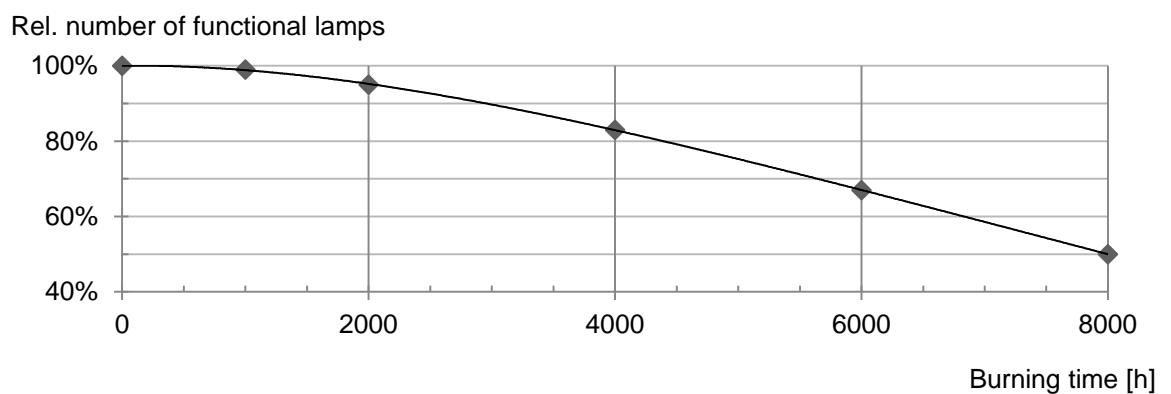
Pictos:



Luminous flux performance²⁾:



Lifetime performance²⁾:



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