

70 W/830 WDL PB

70 W/942 NDL PB

100 W/830 WDL PB

100 W/942 NDL PB

Energy Label

Electrical data

Electrical data

Nominal wattage	70 W
Lamp current	0.96 A
Rated wattage	73.00 W
PFC capacitor at 50 Hz	12 µF
Ignition voltage	3.6 / 5.0 kVp
Rated lamp efficacy (standard condition)	101 lm/W
Energy consumption	81 kWh/1000h

Light technical data

Luminous flux	7400 lm
Color rendering index Ra	89
Color rendering group	1B
Light color	830
Rated LLMF at 2,000 h	0.85
Rated LLMF at 4,000 h	0.81
Rated LLMF at 6,000 h	0.80
Rated LLMF at 8,000 h	0.78
Rated LLMF at 12,000 h	0.75
Rated LLMF at 16,000 h	0.72
Rated LLMF at 20,000 h	0.53
UV protection	Yes

Dimensions & weight

Diameter	20.0 mm
Length	100.0 mm
Light center length (LCL)	56.0 mm

Colors & materials

Lamp mercury content	6.1 mg
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Temperatures

Maximum permitted pinch temperature	350 °C
Maximum permitted outer bulb temperature	500 °C

Lifespan

Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.98
Rated lamp survival factor at 6,000 h	0.97
Rated lamp survival factor at 8,000 h	0.96
Rated lamp survival factor at 12,000 h	0.80
Rated lamp survival factor at 16,000 h	0.50
Rated lamp survival factor at 20,000 h	0.19
Lifespan B50	15000 h
Operation mode LLMF/LSF	ECG

Additional product data

Base (standard designation)	G12
Design / version	Clear
System guarantee level	3c

Capabilities

Dimmable	Yes
Burning position	Any
Enclosed luminaire required	Yes

Hot restart

No

Certificates & standards**Energy efficiency class**

A+

Country specific categorizations**ILCOS**

MT/UB-70/830-H/SL-G12-20/90

Graphics and application images**Downloads****Packaging information****Country-specific information**