

## Relumina Mercury replacement

RELUMINA 150W E40

0020242



### Product features

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### PRODUCT OVERVIEW

Lamp finish	Frosted
Lamp shape	Relumina Mercury replacement
Colour temperature (K)	3000
CRI (Ra)	84
Dimmable	No
EAN code	5410288202426
Energy class	A+
Cap/Base	E40
Type	CMI Retrofit
Watt (Nominal) (W)	150
Light colour	830 White Delux
Ordering number	0020242
Efficacy (Rated) (lm/w)	93
Average life (h) - L70/B50	22000
Luminous flux (Rated) (lm)	14000
Technology	HID
Voltage (V)	100

### DATA TABLE

#### Optical data

Ambient temperature for maximum luminous flux (°C)	25
Colour temperature (K)	3000
CRI (Ra)	84
Light colour	830 White Delux
Lumen maintenance at end of nominal life (%)	0.76

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**0020242**

<b>Luminous flux (Nominal) (lm)</b>	14000
<b>Rated lumen maint. factor at 12000 h 50Hz</b>	0.85
<b>Rated lumen maint. factor at 16000 h 50Hz</b>	0.82
<b>Rated lumen maint. factor at 20000 h 50Hz</b>	0.78
<b>Rated lumen maint. factor at 2000 h 50Hz</b>	0.94
<b>Rated lumen maint. factor at 4000 h 50Hz</b>	0.92
<b>Rated lumen maint. factor at 6000 h 50Hz</b>	0.9
<b>Rated lumen maint. factor at 8000 h 50Hz</b>	0.88
<b>Luminous flux (Rated) (lm)</b>	14000

## General data

<b>Average life (h) at Ta 25° C</b>	22000
<b>Control gear required</b>	yes
<b>Lamp finish</b>	Frosted
<b>Lamp shape</b>	Relumina Mercury replacement
<b>Dimmable</b>	No
<b>EAN code</b>	5410288202426
<b>Energy class</b>	A+
<b>Fixture rating</b>	open
<b>General application</b>	Logistics and Industry; Outdoor
<b>IEC Reference</b>	IEC 62035
<b>IEC Reference 2</b>	IEC 62035
<b>Intended purpose</b>	General lighting
<b>Cap/Base</b>	E40
<b>Lamp mercury content (mg)</b>	11
<b>Type</b>	CMI Retrofit
<b>Life T90</b>	12000
<b>Ordering number</b>	0020242
<b>Product name</b>	RELUMINA 150W E40
<b>Average life (h) - L70/B50</b>	22000
<b>Rated survival factor at 12000 h 50Hz</b>	0.9
<b>Rated survival factor at 16000 h 50Hz</b>	0.77
<b>Rated survival factor at 20000 h 50Hz</b>	0.6
<b>Rated survival factor at 2000 h 50Hz</b>	1
<b>Rated survival factor at 4000 h 50Hz</b>	1
<b>Rated survival factor at 6000 h 50Hz</b>	0.9
<b>Rated survival factor at 8000 h 50Hz</b>	0.97
<b>Special purpose lamp</b>	No

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<b>Technology</b>	HID
<b>Transformer required</b>	no
<b>Sales pack quantity</b>	0
<b>E-number SE</b>	8359172
<b>What temperature Life is measured at (°C):</b>	25

### Electrical data

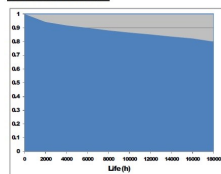
<b>Current (A)</b>	2.25
<b>Ignition voltage (V)</b>	0
<b>kWh per 1000 hours burning time</b>	165
<b>Watt (Nominal) (W)</b>	150
<b>Efficacy (Rated) (lm/w)</b>	93
<b>Watt (Rated) (W)</b>	150
<b>Voltage (V)</b>	100

### Physical data

<b>Max. Lamp Diameter (mm) - D</b>	87
<b>Lamp Length (mm) - C/L</b>	238

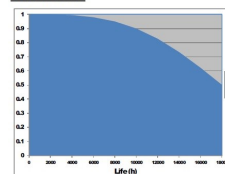
## TECHNICAL DRAWINGS

LUMEN MAINTENANCE



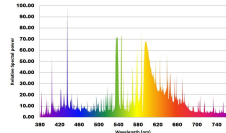
2000h	4000h	6000h	8000h	12000h	16000h
0.94	0.92	0.90	0.88	0.86	0.82

SURVIVAL RATE



2000h	4000h	6000h	8000h	12000h	16000h
1.00	1.00	0.98	0.95	0.83	0.82

Spectral Power Distribution Relumina lamps



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