

Relumina Mercury replacement

RELUMINA 85W E27

0020241



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	5410288202419
Energy class	A+
Cap/Base	E27
Type	CMI Retrofit
Watt (Nominal) (W)	80
Light colour	830 White Delux
Ordering number	0020241
Efficacy (Rated) (lm/w)	90
Average life (h) - L70/B50	22000
Luminous flux (Rated) (lm)	7200
Technology	HID
Voltage (V)	90

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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Luminous flux (Nominal) (lm)	7200
Rated lumen maint. factor at 12000 h 50Hz	0.85
Rated lumen maint. factor at 16000 h 50Hz	0.82
Rated lumen maint. factor at 20000 h 50Hz	0.78
Rated lumen maint. factor at 2000 h 50Hz	0.94
Rated lumen maint. factor at 4000 h 50Hz	0.92
Rated lumen maint. factor at 6000 h 50Hz	0.9
Rated lumen maint. factor at 8000 h 50Hz	0.88
Luminous flux (Rated) (lm)	7200

General data

Average life (h) at Ta 25° C	22000
Control gear required	yes
Lamp finish	Frosted
Lamp shape	Relumina Mercury replacement
Dimmable	No
EAN code	5410288202419
Energy class	A+
Fixture rating	open
General application	Logistics and Industry; Outdoor
IEC Reference	IEC 62035
IEC Reference 2	IEC 62035
Intended purpose	General lighting
Cap/Base	E27
Lamp mercury content (mg)	8.7
Type	CMI Retrofit
Life T90	12000
Ordering number	0020241
Product name	RELUMINA 85W E27
Average life (h) - L70/B50	22000
Rated survival factor at 12000 h 50Hz	0.9
Rated survival factor at 16000 h 50Hz	0.77
Rated survival factor at 20000 h 50Hz	0.6
Rated survival factor at 2000 h 50Hz	1
Rated survival factor at 4000 h 50Hz	1
Rated survival factor at 6000 h 50Hz	0.99
Rated survival factor at 8000 h 50Hz	0.97
Special purpose lamp	No

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Technology	HID
Transformer required	no
Sales pack quantity	0
E-number SE	8359171
E-number FI	4844445
What temperature Life is measured at (°C):	25

Electrical data

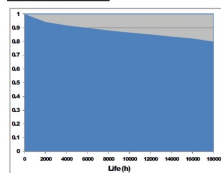
Current (A)	1.2
Ignition voltage (V)	0
kWh per 1000 hours burning time	88
Watt (Nominal) (W)	80
Efficacy (Rated) (lm/w)	90
Watt (Rated) (W)	80
Voltage (V)	90

Physical data

Max. Lamp Diameter (mm) - D	62
Lamp Length (mm) - C/L	182.5

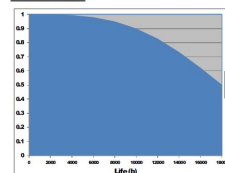
TECHNICAL DRAWINGS

LUMEN MAINTENANCE



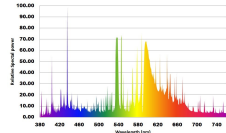
2000h	4000h	6000h	8000h	12000h	16000h
0.94	0.92	0.90	0.88	0.85	0.82

SURVIVAL RATE



2000h	4000h	6000h	8000h	12000h	16000h
1.00	1.00	0.98	0.95	0.83	0.62

Spectral Power Distribution Relumina lamps



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