

Relumina

RELUMINA 55W E27

0020240



Range Features

- Direct Retrofit replacement of HPMV (High Pressure Mercury Vapor).
- Energy saving solution for HPMV.
- Highly efficient lamp with luminous efficacy up to 88 lm/w.
- Fast payback within 4,000-10,000 hours of use.
- Excellent CRI. Long life.
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PRODUCT OVERVIEW

Lamp finish	Frosted
Lamp shape	Elliptical
Colour temperature (K)	3000
CRI (Ra)	84
Dimmable	No
EAN code	5410288202402
Energy class	A
Cap/Base	E27
Type	CMI Retrofit
Watt (Nominal) (W)	55
Light colour	830 White Delux
Ordering number	0020240
Efficacy (Rated) (lm/w)	85
Average life (Rated) (h)	18000
Luminous flux (Rated) (lm)	4500
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
Luminous flux (Nominal) (lm)	4500

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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 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)	4500

General data

Average life (Nominal) (h)	18000
Control gear required	yes
Lamp finish	Frosted
Lamp shape	Elliptical
Dimmable	No
EAN code	5410288202402
Energy class	A
Fixture rating	enclosed
General application	Logistics and Industry; Outdoor
IEC Reference	IEC 61167
IEC Reference 2	IEC 62035
Cap/Base	E27
Lamp mercury content (mg)	4.5
Type	CMI Retrofit
Life T90	10000
Ordering number	0020240
Range features	Direct Retrofit replacement of HPMV (High Pressure Mercury Vapor). Energy saving solution for HPMV. Highly efficient lamp with luminous efficacy up to 88 lm/w. Fast payback within 4,000-10,000 hours of use. Excellent CRI. Long life.
Product name	RELUMINA 55W E27
Average life (Rated) (h)	18000
Rated survival factor at 12000 h 50Hz	0.83
Rated survival factor at 16000 h 50Hz	0.62
Rated survival factor at 20000 h 50Hz	-
Rated survival factor at 2000 h 50Hz	1
Rated survival factor at 4000 h 50Hz	1
Rated survival factor at 6000 h 50Hz	0.98

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Rated survival factor at 8000 h 50Hz	0.95
Technology	HID
Sales pack quantity	0
E-number SE	8359170
E-number FI	4844444

Electrical data

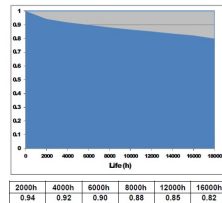
Current (A)	0.8
Ignition voltage (V)	0
kWh per 1000 hours burning time	61
Watt (Nominal) (W)	55
Efficacy (Rated) (lm/w)	85
Watt (Rated) (W)	55
Voltage (V)	90

Physical data

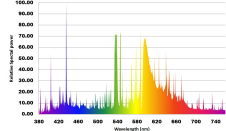
Max. Lamp Diameter (mm) - D	62
Lamp Length (mm) - C/L	178

TECHNICAL DRAWINGS

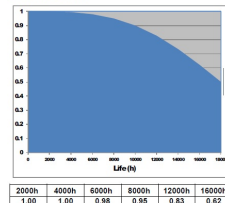
LUMEN MAINTENANCE



Spectral Power Distribution Relumina lamps



SURVIVAL RATE



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