



Product Description

ML

Mixed Light lamps

Benefits

- Direct retrofit for incandescent lamps
- Higher efficacy and lifetime than incandescent

Features

- High-pressure mercury tube in series with a tungsten filament
- Runs on mains voltage without additional gear
- Combines a continuous spectrum from the incandescent source and a line spectrum from the high-pressure mercury source

Application

- Public outdoor lighting, car parks, workshops, garages and shops

Warnings and Safety

- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Approval and Application

Energy Efficiency Label (EEL) C

Controls and Dimming

Dimmable No

Operating and Electrical

Voltage (Nom) 225 V

General Information

Life To 5% Failures (Nom) 2000 h

Operating Position VBU/VBD30

Luminaire Design Requirements

Bulb Temperature (Max) 350 °C

Light Technical

Colour Rendering Index (Nom) 63

Mechanical and Housing

Bulb Finish Coated glass

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Nom)
27789400	ML 250W E40 220-230V 1SL/12	286 kWh	14 mg
24698230	ML 160W E27 220-230V SG 1CT/24	181 kWh	12 mg

Operating and Electrical

Order Code	Full Product Name	Lamp Current (EM) (Max)	Lamp Current (EM) (Min)	Lamp Current (EM) (Nom)	Power (Rated) (Nom)
27789400	ML 250W E40 220-230V 1SL/12	1.27 A	1.13 A	1.2 A	260.0 W
24698230	ML 160W E27 220-230V SG 1CT/24	0.8 A	0.72 A	0.76 A	165.0 W

General Information

Order Code	Full Product Name	Cap-Base	Life To 20% Failures (Nom)	Life To 50% Failures (Nom)
27789400	ML 250W E40 220-230V 1SL/12	E40	5000 h	10000 h

Order Code	Full Product Name	Cap-Base	Life To 20% Failures (Nom)	Life To 50% Failures (Nom)
24698230	ML 160W E27 220-230V SG 1CT/24	E27	7000 h	13000 h

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Correlated	
		Coordinate X (Nom)	Coordinate Y (Nom)	Colour Temperature (Nom)	Lumen Maintenance 2000 h (Min)
27789400	ML 250W E40 220-230V 1SL/12	403	382	-	85 %
24698230	ML 160W E27	399	380	3600 K	82 %

Order Code	Full Product Name	Chromaticity		Correlated	
		Coordinate X (Nom)	Coordinate Y (Nom)	Colour Temperature (Nom)	Lumen Maintenance 2000 h (Min)
	220-230V SG 1CT/24				

Light Technical (2/2)

Order Code	Full Product Name	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Min)	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)
27789400	ML 250W E40 220-230V 1SL/12	90 %	70 %	80 %	21 lm/W	5000 lm	5500 lm
24698230	ML 160W E27 220-230V SG 1CT/24	87 %	78 %	83 %	19 lm/W	2850 lm	3150 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Material	Bulb Shape	Order Code	Full Product Name	Bulb Material	Bulb Shape
27789400	ML 250W E40 220-230V 1SL/12	Hard Glass	ED90	24698230	ML 160W E27 220-230V SG 1CT/24	Soft Glass	E75

