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T12 lamp for reliable ignition

The TL - M RS (Rapid Start) lamp (tube diameter 38 mm) has an external silicon coating and an external ignition strip. It is suitable for situations where low temperatures and high humidity require fast and stable ignition but color rendering is not important. Rapid Start lamps can be ignited without a starter.

Benefits

- Well - defined ignition for fast, easy ignition at low temperatures

Features

- RS (Rapid Start) lamps with an external silicon coating

- External ignition strip connected via a high - ohmic resistor to one of the electrodes
- Available in standard colors and varying color designations

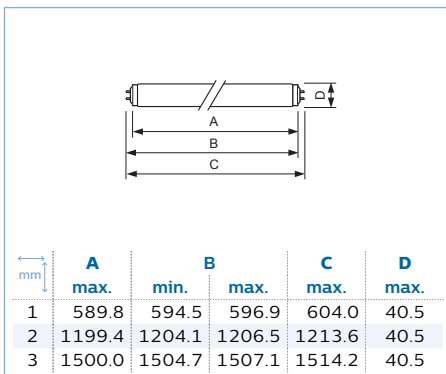
Application

- Standard colors are mostly used in applications where color rendering is not an important factor

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.

Dimension Drawing



Product Range



Main Data

TL - M RS

Lamp power/Light source color	SAP Packing (Piece)/Packaging configuration	Cap-Base	Correlated Color Temperature (K)	Luminous Efficacy (Rated) (lm/W)	Energy Consumption kWh/1000 h (kWh)	Ordering number 8711500...	
19.3W/33-640	SL / 25	G13	4,100	62.0	24	B	1 72372740
39.5W/33-640	SL / 25	G13	4,100	72.0	47	A	2 72429840
39.5W/54-765	SL / 25	G13	6,200	63.0	47	B	2 72441040
64W/33-640	SL / 25	G13	4,100	74.0	74	A	3 72486140

Electrical data

Commercial product name	Lamp Current (A)	Lamp power (W)	Voltage (V)
TL - M RS 20W/33-640 SLV/25	0.37	19.3	57
TL - M RS 40W/33-640 SLV/25	0.43	39.5	101
TL - M RS 40W/54-765 1SL/25	0.43	39.5	101
TL - M RS 65W/33-640 1SL/25	0.67	64.0	110

Lifetime data

Commercial product name	Life to 50% Failures (h)
TL-M RS 20W/33-640 SLV/25	13,000
TL-M RS 40W/33-640 SLV/25	13,000
TL-M RS 40W/54-765 1SL/25	13,000
TL-M RS 65W/33-640 1SL/25	13,000

Color data

Commercial product name	Colour Rendering Index	Light source color	Color Designation
TL-M RS 20W/33-640 SLV/25	63	33-640	Cool White (CW)
TL-M RS 40W/33-640 SLV/25	63	33-640	Cool White (CW)
TL-M RS 40W/54-765 1SL/25	72	54-765	Cool Daylight
TL-M RS 65W/33-640 1SL/25	63	33-640	Cool White (CW)

Luminous flux/efficacy/intensity data

Commercial product name	Luminous Flux (lm)	Luminous Efficacy (Rated) (lm/W)	Luminance (cd/cm ²)
TL-M RS 20W/33-640 SLV/25	1,200	62.0	0.64
TL-M RS 40W/33-640 SLV/25	2,850	72.0	0.73
TL-M RS 40W/54-765 1SL/25	2,500	63.0	0.64
TL-M RS 65W/33-640 1SL/25	4,750	74.0	0.96


Rated Lumen Maintenance data

Commercial product name	Lumen Maintenance 2000	Lumen Maintenance 5000	Lumen Maintenance 10000	Lumen Maintenance 15000
	h (%)	h (%)	h (%)	h (%)
TL-M RS 20W/33-640 SLV/25	90	81	73	69
TL-M RS 40W/33-640 SLV/25	90	81	73	69
TL-M RS 40W/54-765 1SL/25	90	81	73	69
TL-M RS 65W/33-640 1SL/25	90	81	73	69

Temperature data

Commercial product name	Correlated Color Temperature (K)	Default Ambient Temperature (°C)
	TL-M RS 20W/33-640 SLV/25	4,100
TL-M RS 40W/33-640 SLV/25	4,100	25
TL-M RS 40W/54-765 1SL/25	6,200	25
TL-M RS 65W/33-640 1SL/25	4,100	25

Environmental data & ETIM group & Design Requirements


Commercial product name	Energy Consumption kWh/1000 h		Mercury (Hg) Content	ETIM Group ¹
	(kWh)		(mg)	
TL-M RS 20W/33-640 SLV/25	24	B	8	EC000108
TL-M RS 40W/33-640 SLV/25	47	A	8	EC000108
TL-M RS 40W/54-765 1SL/25	47	B	8	EC000108
TL-M RS 65W/33-640 1SL/25	74	A	8	EC000108

¹ 'ETIM Group' value description(s): 'EC000108' = Fluorescent Lamp

System data

Commercial product name	Lamp system description
TL-M RS 20W/33-640 SLV/25	Rapid Start
TL-M RS 40W/33-640 SLV/25	Rapid Start
TL-M RS 40W/54-765 1SL/25	Rapid Start
TL-M RS 65W/33-640 1SL/25	Rapid Start

Operating data

Commercial product name	Default Burning Position	Default Gear		Default Cycle Time
TL-M RS 20W/33-640 SLV/25	Horizontal	Electromagnetic	Yes	3 hour cycle
TL-M RS 40W/33-640 SLV/25	Horizontal	Electromagnetic	Yes	3 hour cycle
TL-M RS 40W/54-765 1SL/25	Horizontal	Electromagnetic	Yes	3 hour cycle
TL-M RS 65W/33-640 1SL/25	Horizontal	Electromagnetic	Yes	3 hour cycle

Miscellaneous & General data

Commercial product name	Bulb Shape ²	Cap-Base	ILCOS Code
TL-M RS 20W/33-640 SLV/25	T12	G13	FD-20/41/2B-LC/P-G13
TL-M RS 40W/33-640 SLV/25	T12	G13	FD-40/41/2B-LC/P-G13
TL-M RS 40W/54-765 1SL/25	T12	G13	FD-40/62/2A-LC/P-G13
TL-M RS 65W/33-640 1SL/25	T12	G13	FD-65/41/2B-LC/P-G13

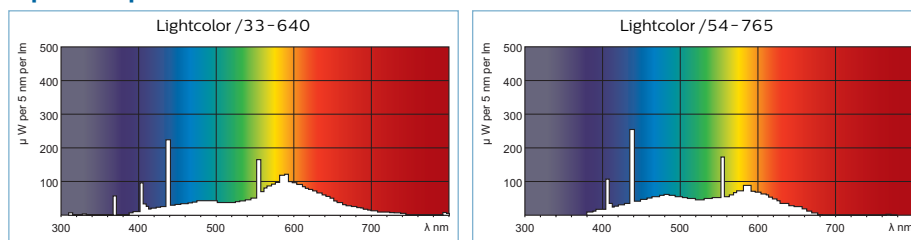
² 'Bulb Shape' value description(s): 'T12' = 38 mm (T12)

Logistic data

Commercial product name	SAP Packing (Piece)/Packaging configuration ³	Numerator - Packs per outer box	Ordering number 8711500...	Material Nr. (12NC) (9280...)	SAP Gross Weight (Piece) (g)	Net Weight (Piece) (g)	EAN-3 8711500...
TL-M RS 20W/33-640 SLV/25	SL / 25	25	72372740	30003371	169.8	137.8	723734
TL-M RS 40W/33-640 SLV/25	SL / 25	25	72429840	30503371	331.6	273.6	724304
TL-M RS 40W/54-765 1SL/25	SL / 25	25	72441040	30505471	333.6	275.6	724427
TL-M RS 65W/33-640 1SL/25	SL / 25	25	72486140	31003371	418.2	344.2	724878

³ 'SAP Packing (Piece)/Packaging configuration' value description(s): 'SL / 25' = SLEEVE

Spectral power distribution



Cap-Base Overview

