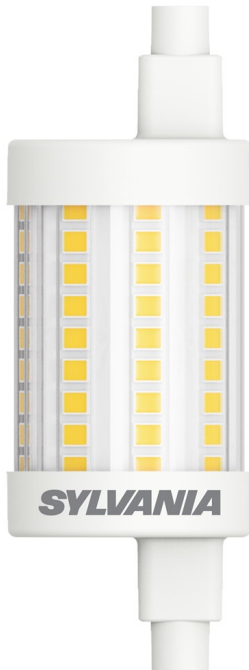# ToLEDo R7s 78MM DIM
ToLEDo R7S 78MM 1055LM DIM 827 SL
0029686

Product features

- ToLEDo R7s is a retrofit replacement for traditional halogen double-ended linear R7s lamps
- Omni-directional light distribution
- High lumen efficacy
- Lumen output: 1055lm
- 85% energy saving
- Robust construction
- Length: 78mm
- Dimmable
- 25,000 hours average rated life
- Ideal for domestic and commercial applications

PRODUCT OVERVIEW

Product name	ToLEDo R7S 78MM 1055LM DIM 827 SL
Technology	LED
Watt (Rated) (W)	8.5
Type	LED exchangeable
Fixture rating	Open
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Residential & Consumer, Retail
ETIM Class	EC001959
E-number FI	4741123
Warranty	3 years
Luminous flux (lm)	1055
Colour temperature (K)	2700
Light colour	Homelight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Photobiological Risk Group	RG1
Wattage (W)	8.5
Product Voltage (V)	230
Dimmable	Yes
Average life (Nominal) (h)	25000

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Product EAN number	5410288296869

DATA TABLE

General data

Product name	ToLEDo R7S 78MM 1055LM DIM 827 SL
Technology	LED
Watt (Rated) (W)	8.5
Type	LED exchangeable
Fixture rating	Open
General application	Education, Hospitality, Logistics & Industry, Museums & Galleries, Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001959
E-number FI	4741123
Warranty	3 years

Optical data

Luminous flux (lm)	1055
Luminous flux (Rated) (lm)	1055
Colour temperature (K)	2700
Light colour	Homelight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

Electrical data

Wattage (W)	8.5
Equivalent watt (W)	75
Product Voltage (V)	230
Control gear required	No
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	Yes
Inrush Current (A)	2
Inrush Duration (µs)	1860
Lamp Energy Label (class)	E

Lifetime data

Lifespan L70 B50	25000
Average life (Nominal) (h)	25000
Average life (Rated) (h)	25000

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Physical data

Nominal Product Length (mm)	78
Nominal Product Diameter (mm)	29
Weight (kg)	0.052

Packaging

Single packaging type	Carton
Product EAN number	5410288296869
Packaging single length / height (cm)	4.8
Packaging single width (cm)	4.8
Packaging single depth (cm)	9.0
DUN14 (outer)	15410288296866
Units per outer package	6
Packaging outer length / height (cm)	15.5
Packaging outer width (cm)	10.5
Packaging outer depth (cm)	9.5

Safety data

|	
Optimal operating condition (°C)	-20-40
Breakage cleaning instructions	Not applicable
Special purpose lamp	No
Dry applications use only	Yes
Suitable for household illumination	Yes
Safety message	Not Suitable for totally enclosed fixtures

PHOTOMETRY
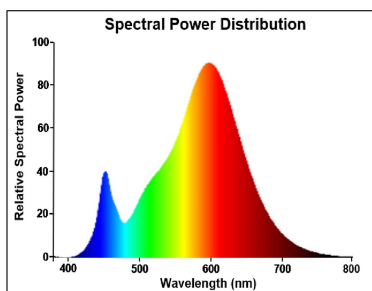
TECHNICAL DRAWINGS
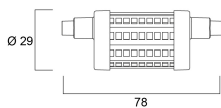
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A	
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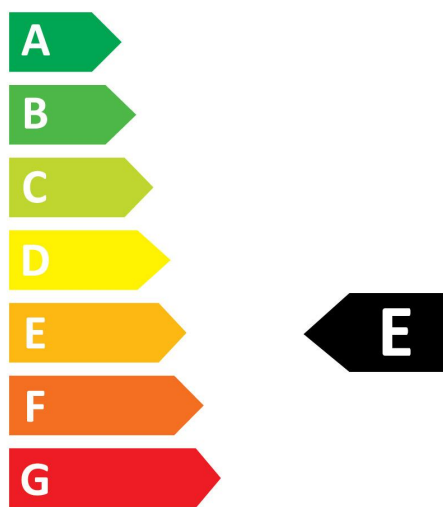
9 kWh/1000h

2019/2015

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kWh/1000h

2019/2015