

## TL-S

TL-S 20W/33-640 1SL

The TL-S lamp (tube diameter 38 mm) has an internal ignition strip that ensures instant start. The lamp offers a well-defined ignition without a starter, also at low temperatures. It is suitable for situations with low switching frequency and where color rendering is not important. The R18s lamp cap at each end of the lamp requires a special lampholder.

## Product data

### • General Characteristics

Cap-Base	R18s
Bulb	T12 [38 mm]
Life to 50% failures	13000 hr

### • Light Technical Characteristics

Color Code	33-640
Color Rendering Index	63 Ra8
Color Designation (text)	Cool White
Color Temperature	4100 K
Luminous Flux Lamp EM	950 Lm
Luminous Efficacy Lamp EM	49 Lm/W
Lumen Maintenance 2000h	90 %
Lumen Maintenance 5000h	81 %
Lumen Maintenance 10000h	73 %
Lumen Maintenance 15000h	69 %
Luminance Average EM	0.52 cd/cm <sup>2</sup>
Chromaticity Coordinate X	377 -
Chromaticity Coordinate Y	381 -

### • Electrical Characteristics

Lamp Wattage	20 W
Lamp Wattage EM	19.4 W

Lamp Voltage	58 V
Lamp Current EM	0.385 A
Dimmable	Yes

### • Environmental Characteristics

Energy Efficiency Label (EEL)	B
Mercury (Hg) Content	15 mg

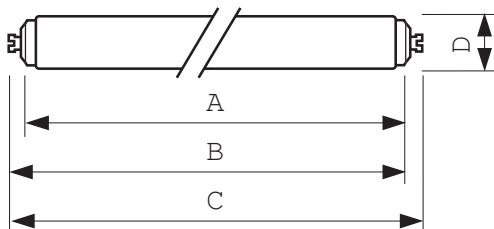
### • Product Dimensions

Base Face to Base Face A	571.9 (min), 573.9 (max) mm
Insertion Length B	580.5 (min), 583.1 (max) mm
Overall Length C	588.8 (min), 591.4 (max) mm
Diameter D	40.5 (max) mm

### • Product Data

Order code	928035003305
Full product code	928035003305
Full product name	TL-S 20W/33-640 1SL
Order product name	TL-S 20W/33-640 1SL/25
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500725691
Bar code on outerbox - EAN3	8711500725707
Logistic code(s) - 12NC	928035003305
ILCOS code	FD-20/41/2B-LC/N-R18s
Net weight per piece	123.000 gr

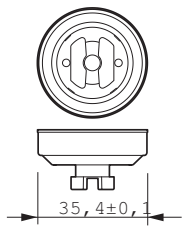
## Dimensional drawing



### TL-S 20W/33-640 1SL

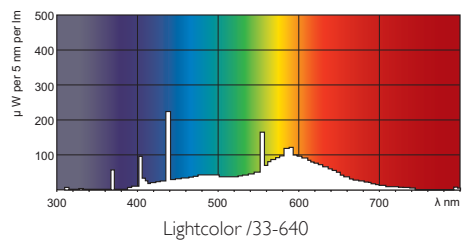
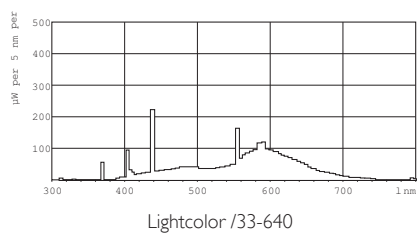
Product	A (Min)	A (Max)	B (Min)	B (Max)	C (Min)	C (Max)	D (Max)
TL-S 20W/33-640	571.9	573.9	580.5	583.1	588.8	591.4	40.5

Dimensional drawing



R18s

Photometric data



© 2013 Koninklijke Philips Electronics N.V.  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

[www.philips.com/lighting](http://www.philips.com/lighting)

2013, May 9  
data subject to change