

# Product datasheet

## NAV-T 70 W SUPER 4Y

VIALOX NAV-T SUPER 4Y | High-pressure sodium vapor lamps for open and enclosed luminaires



Technical data

Electrical data

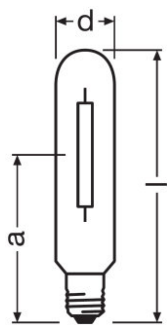
Nominal wattage	70.00 W
Rated wattage	70.00 W
Lamp current	1.0 A
Ignition voltage	1.8 kVp;5.0 kVp <sup>1)</sup>
Nominal current	0.98 A

<sup>1)</sup> Minimum;Maximum

Photometrical data

Color rendering index Ra	≤ 20
Color temperature	2000 K
Rated LLMF at 2,000 h	0.92
Rated LLMF at 4,000 h	0.91
Rated LLMF at 6,000 h	0.9
Rated LLMF at 8,000 h	0.89
Rated LLMF at 12,000 h	0.88
Rated LLMF at 16,000 h	0.86
Rated LLMF at 20,000 h	0.85
Rated color temperature	2000 K
Luminous flux	6600 lm

Dimensions & weight



Diameter	36.0 mm
Length	156.0 mm
Light center length (LCL)	104.0 mm
Product weight	55.70 g
Outer bulb	T37

## Product datasheet

Overall length	155.00 mm
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### Temperatures & operating conditions

Maximum permitted outer bulb temperature	310 °C
Maximum permitted base edge temperature	210 °C

### Lifespan

Lifespan B50	30000 h
Lifespan B10	20000 h
Lifespan B5	16000 h

### Additional product data

Base (standard designation)	E27
Product remark	Important: Before replacing for NAV Standard lamps in existing installations, check that the igniters are suitable
Design / version	Clear
System guarantee level	3 (2/5)
Mercury content	19.0 mg <sup>1)</sup>
Appropriate disposal acc. to WEEE	Yes
Mercury-free	No

<sup>1)</sup> Maximum

### Capabilities

Dimmable	Yes <sup>1)</sup>
Burning position	Any
Enclosed luminaire required	No

<sup>1)</sup> In combination with POWERTRONIC PTO

### Certificates & standards

Energy efficiency class	G
Energy consumption	77.00 kWh/1000h

### Country specific categorizations

ILCOS	ST-70-H/E/SL-E27-39/156
Order reference	NAV-T 70W SUPER

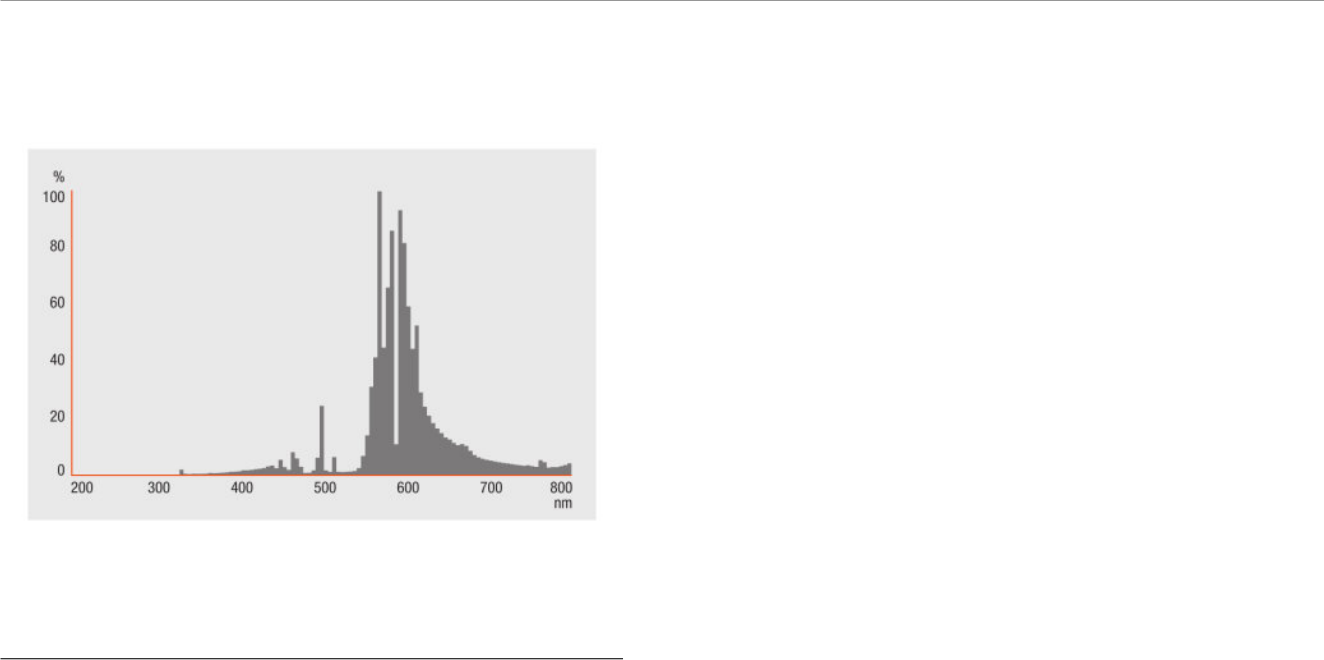
### Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Product datasheet

Date of Declaration	18-04-2022
Primary Article Identifier	4050300015736   4052899415416
Declaration No. in SCIP database	In work

Light Distribution



NAV\_SUPER\_4Y\_SUPER\_6Y

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300015736	NAV-T 70 W SUPER 4Y	Shipping carton box 12 Pieces Sleeves	225 mm x 218 mm x 185 mm	9.07 dm <sup>3</sup>	1057.40 g
4052899415416	NAV-T 70 W SUPER 4Y	Shipping carton box 12 Pieces Sleeves	210 mm x 171 mm x 212 mm	7.61 dm <sup>3</sup>	991.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

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### References / Links

For more information on the system guarantee and the terms and conditions of the guarantee visit

▶ [www.osram.com/system-guarantee](http://www.osram.com/system-guarantee)

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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Product name	Product name ECG	EAN
NAV-T 70 W SUPER 4Y	PTo 70/220-240 3DIM	4008321959355