

DATA SHEET

Product Name LT 24W T5 HQ / 958 bio vital

Article No. 17424H

Light Color 958

NARVA

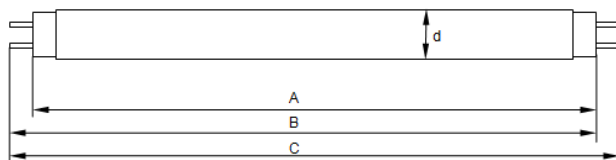


General Information

| | | |
|--|--------|----|
| Nominal wattage | 24 | W |
| Nominal length | 549 | mm |
| Lum. flux after 100 hrs. operating (25 °C) | 1.400 | lm |
| Lum. flux after 100 hrs. operating (35 °C) | 1.525 | lm |
| Cap Base | G5 | |
| Lifetime | 35 000 | h |
| Mercury content (max) | 2,5 | mg |
| Suitable for indoor lighting at stable room temperature | yes | |
| Dimmable | yes | |
| The lamps are intended for other applications than general lighting. | | |

Dimension

| | | |
|--------------------------|-------|----|
| Length A max (cap - cap) | 549,0 | mm |
| Length B min (cap – pin) | 553,7 | mm |
| Length B max (cap – pin) | 556,1 | mm |
| Length C max (pin – pin) | 563,2 | mm |
| Diameter d max | 17,0 | mm |



Electrical Data^{A)}

| | | |
|-------------------|-------|----|
| Rated Wattage | 22,5 | W |
| Operating Current | 0,295 | A |
| Operating Voltage | 77,0 | V |
| Operations | 50 | Hz |
| Preheat current | 0,440 | A |

Approval and Note

| | |
|--------------------------------------|----------|
| Class of energy efficacy | B |
| Energy efficiency index | 0,28 |
| Weighted energy consumption (1000 h) | 29,3 kWh |

- EN 62471:2008
- EN 61195:1999 + A1:2013 + A2:2015
- EN 60081:1998 + A1:2002 + A2:2003 + A3:2005 + A4:2010 + A5:2013 + A6:2017 + A11:2018
- EN 60061-1:1993 + A1:1995 bis A7:1997 + A21:1998 bis A56:2017 + A56:2017/AC:2017 + A57:2018 + A58:2018
- **CE**: 2014/35/EU
- REACH: (EG) Nr. 1907/2006
- RoHS: 2011/65/EU

The basic principles and regulations according to DIN ISO 13485 and DIN EN ISO 9001 apply.

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| Light Technical Data ^{A)} | | | | | |
|---|-------|------------------------------------|------------------------------------|------|---|
| Lum. flux after 100 hrs. operating (25 °C) ^{B) C)} | 1.400 | lm | Relative Spectral Distribution | | |
| Lum. flux after 100 hrs. operating (35 °C) ^{B) C)} | 1.525 | lm | | | |
| Lamp efficacy at 25 °C | 62,2 | lm/W | | | |
| Lamp efficacy at 35 °C | 67,8 | lm/W | | | |
| Correlated colour temperature CCT | 5800 | K | | | |
| Colour rendering index CRI | >90 | | | | |
| Temperature for max. luminous flux | 25 | °C | | | |
| <i>Lamp lumen maintenance factor after:</i> | | <i>Lamp survival factor after:</i> | | | |
| 2 000 h | 97,5 | % | 2 000 h | 99,8 | % |
| 4 000 h | 95,0 | % | 4 000 h | 99,6 | % |
| 8 000 h | 93,0 | % | 8 000 h | 99,2 | % |
| 12 000 h | 91,5 | % | 12 000 h | 98,8 | % |
| 16 000 h | 90,0 | % | 16 000 h | 98,4 | % |
| 24 000 h | 88,2 | % | 24 000 h | 94,0 | % |
| 35 000 h | 87,2 | % | 35 000 h | 50,0 | % |

| Shipping data | |
|---------------------------|----------------------|
| Lamp weight net | 54 g |
| Lamp weight gross | 62 g |
| Content of packaging unit | 25 pieces |
| Length of packaging unit | 0,61 m |
| Height of packaging unit | 0,105 m |
| Width of packaging unit | 0,105 m |
| Volume of packaging unit | 0,007 m ³ |
| Weight of packaging unit | 1,69 kg |

A) The given statement is based on average data, achieved under measurement conditions of the manufacturer. Due to technical and physical reasons each lamp could spread. Subject to change without notice.

B) Without auxiliary equipment such as ballasts. All values for operation cycle.