
Nixie tubes

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<http://www.smbaker.com/nixie-tube-calculator-powered-by-a-raspberry-pi>

<http://lupinesystems.com/calc/ntc/>

http://www.tube-tester.com/sites/nixie/dat_arch/IN-16_02.pdf

IN-16 10 cathodes in a shape of numbers 0 1 2 3 4 5 6 7 8 9

IN-14 10 cathodes in a shape of numbers 0 1 2 3 4 5 6 7 8 9

IN-12 10 cathodes in a shape of numbers 0 1 2 3 4 5 6 7 8 9

Specs

Principle of Operation:

neon gas, cold cathode.

Displayed digits:
arabic numerals from 0 to 9 and one dot.

Digit height size:
18 mm.

Size of the Bulb:
21x31x35 mm

Color of a luminescence:
orange

Mass:
20 g

Brightness:
>100cd/m²

Angle of visibility:
>30 deg

Power supply voltage:
> 200 V

Discharge appearance voltage:
< 170 V

Current display:
<=2mA

Operations current:
Running from DC 2 - 3.5 mA

Operations current:
Running from AC(50Hz) 2 mA

Life time:
> 5000 hours