

Dieter's Nixie Tube Data Archive

This file is a part of Dieter's Nixie- and display tubes data archive

If you have more datasheets, articles, books, pictures or other information about Nixie tubes or other display devices please let me know.

Thank you!

Document in this file	Philips datasheet – ZM1080/ZM1082
Display devices in this document	ZM1080, ZM1082

OBSOLESCE TYPE
 MAINTENANCE TYPE



ZM1080
 ZM1082

INDICATOR TUBE

Cold-cathode ten-digit side viewing numeral indicator tube

QUICK REFERENCE DATA			
Numeral height		13	mm
Numerals	1 2 3 4 5 6 7 8 9 0		
Supply voltage	V_b	min. 170	V
Cathode current	I_k	2	mA
Distance between mounting centres		min. 19	mm

GENERAL

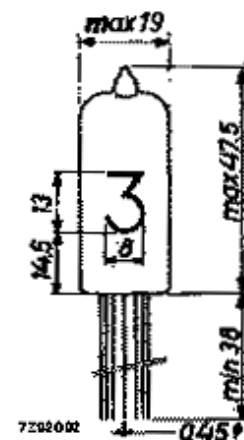
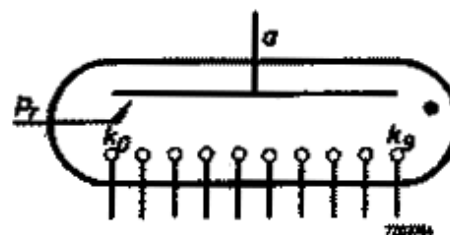
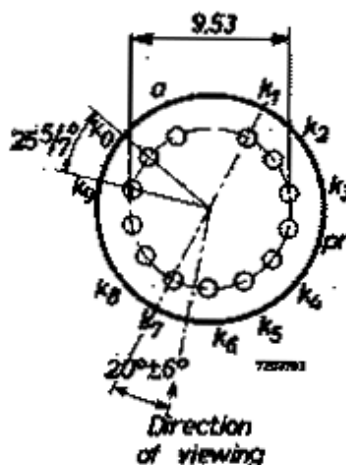
The numerals are 13 mm high and appear on the same base line allowing in-line read out. The ZM1080 is identical to the ZM1082 but is provided with a red contrast filter.

PRINCIPLE OF OPERATION

The tube contains ten cathodes in the form of ten figures and one common anode. By applying a suitable voltage between the anode and one of the ten cathodes the corresponding figure will be covered by a red neon glow.

DIMENSIONS AND CONNECTIONS

Dimensions in mm



Mounting position: any