

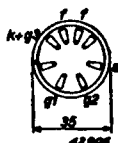
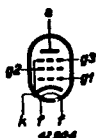
AL 4**AL 5***„Miniwatt“***OUTPUT PENTODE
PENTHODE DE SORTIE
PENTHODE-ENDROEHRE**

Heating : Indirect ; A.C. ; parallel supply
 Chauffage : Indirect ; courant alternatif ; alimentation
 en parallèle
 Heizung : Indirekt ; Wechselstrom ; Parallelspeisung

$V_f = 4,0 \text{ V}$
 $I_f = 1,75 \text{ A}$

For the data and characteristics of the AL 4, see EL 3 N.
 Pour les caractéristiques et courbes du AL 4, voir EL 3 N.
 Für die Daten und Kennlinien der AL 4, siehe EL 3 N.

Electrode arrangement, base connections and max. dimensions in mm.
 Disposition des électrodes, connexions du culot et dimensions max. en mm.
 Elektrodenanordnung, Sockelanschlüsse und max. Abmessungen in mm.

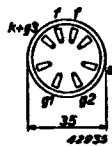
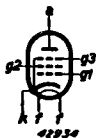
AL 4**OUTPUT PENTODE
PENTHODE DE SORTIE
PENTHODE-ENDROEHRE**

Heating : Indirect ; A.C. ; parallel supply
 Chauffage : Indirect ; courant alternatif ; alimentation
 en parallèle
 Heizung : Indirekt ; Wechselstrom ; Parallelspeisung

$V_f = 4,0 \text{ V}$
 $I_f = 2,0 \text{ A}$

For the data and characteristics of the AL 5, see EL 5.
 Pour les caractéristiques et courbes du AL 5, voir EL 5.
 Für die Daten und Kennlinien der AL 5, siehe EL 5.

Electrode arrangement, base connections and max. dimensions in mm.
 Disposition des électrodes, connexions du culot et dimensions max. en mm.
 Elektrodenanordnung, Sockelanschlüsse und max. Abmessungen in mm.

AL 5

AL 4
AL 5

PHILIPS

OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTODE

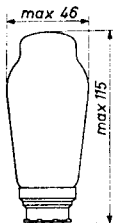
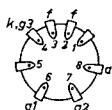
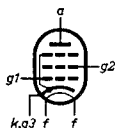
AL 4

Heating :indirect; parallel supply
Chauffage:indirect; alimentation- parallèle
Heizung :indirekt; Parallelspeisung

$V_f = 4,0 \text{ V}$

$I_f = 1,75 \text{ A}$

Dimensions in mm
Dimensions en mm
Abmessungen in mm



Base, culot, Sockel: P

For further data see type EL 3N
Pour les autres caractéristiques voir type EL 3N
Für die übrigen Daten siehe Typ EL 3N

OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTODE

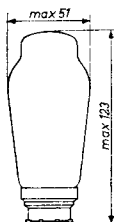
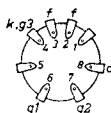
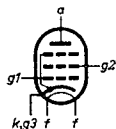
AL 5

Heating :indirect; parallel supply
Chauffage:indirect; alimentation- parallèle
Heizung :indirekt; Parallelspeisung

$V_f = 4,0 \text{ V}$

$I_f = 2,0 \text{ A}$

Dimensions in mm
Dimensions en mm
Abmessungen in mm



Base, culot, Sockel: P

For further data see type 4688
Pour les autres caractéristiques voir type 4688
Für die übrigen Daten siehe Typ 4688

AL 4
AL 5

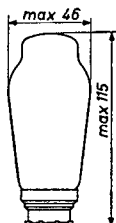
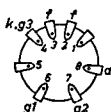
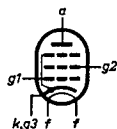
PHILIPS

OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTODE

AL 4

Heating : indirect; parallel supply $V_f = 4,0$ V
Chauffage: indirect; alimentation- parallèle $I_f = 1,75$ A
Heizung : indirekt; Parallelspeisung

Dimensions in mm
Dimensions en mm
Abmessungen in mm



Base, culot, Sockel: P

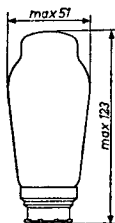
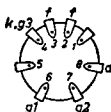
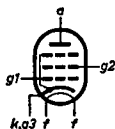
For further data see type EL 3N
Pour les autres caractéristiques voir type EL 3N
Für die übrigen Daten siehe Typ EL 3N

OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTODE

AL 5

Heating : indirect; parallel supply $V_f = 4,0$ V
Chauffage: indirect; alimentation- parallèle $I_f = 2,0$ A
Heizung : indirekt; Parallelspeisung

Dimensions in mm
Dimensions en mm
Abmessungen in mm



Base, culot, Sockel: P

For further data see type 4688
Pour les autres caractéristiques voir type 4688
Für die übrigen Daten siehe Typ 4688

PHILIPS



*Electronic
Tube*

HANDBOOK

page	AL4 AL5 sheet	date
1	2	1947.12.01
2	2	1953.12.12
3	2	1959.12.12
4	FP	1999.06.26