



Halogen - Studio - Lampen

Halogen mit Keramiksockel **G5,3** (ohne Reflektor)

-> PIN - Abstand 5,3mm mit Keramiksockel

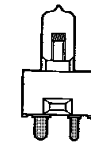
| Spannung V | Leistung W | Socket | Länge / Ø | Life (h) | Farbtemp. | Vergl.Type/Ansi | Art.Nr. |
|------------|------------|--------|-----------|----------|-----------|-----------------|-----------|
| 10,8V | 30W | G5,3 | 51 X 12 | 400 | 3100K | DZA | 99DZA |
| 24V | 70W | G5,3 | 50 X 14 | | | Gifas JC7070 | H542470 |
| 24V | 175W | G5,3 | 54 X 14 | 125 | 3200K | EML | 99EML |
| 42V | 75W | G5,3 | 50 X 14 | | | Gifas JC | H544275 |
| 120V | 600W | G5,3 | 64 X 22 | 75 | 3200K | DYH | 99DYH |
| 120V | 650W | G5,3 | 57 X 19 | 25 | 3400K | DVY | 99DVY |
| 240V | 25W | G5,3 | 14 X 50 | 1000 | 2900K | 400°C | H0623525T |
| 230V | 650W | G5,3 | 64 X 22 | 20 | 3400K | DYJ | 99DYJ |



Halogen mit Keramiksockel **GY9,5**

-> PIN-Abstand 9,5mm. Stift 1 Ø 2mm, Stift 2 Ø 3mm

| Spannung V | Leistung W | Socket | Länge / Ø | Life (h) | Farbtemp. | Vergl.Type/Ansi | Art.Nr. |
|------------|------------|--------|-----------|----------|-----------|---------------------|---------|
| 12V | 100W | GY9,5 | 57 X 13 | 50 | 3400K | FDT A1/261 | 99FDT |
| 24V | 150W | GY9,5 | 57 X 15 | 100 | 3250K | FDS/DZE A1/262 | 99FDS |
| 120V | 300W | GY9,5 | 90 X 25 | 50 | 3200K | FKW CP81 | 99FKW |
| 120V | 500W | GY9,5 | 90 X 25 | 150 | 3200K | FRG CP82 | 99FRG |
| 120V | 600W | GY9,5 | 65 X 23 | 75 | 3200K | BHC DYS DYV | 99DYS |
| 120V | 600W | GY9,5 | 85 X 16 | 2000 | 3050K | FMR senkr.Wendel | 99FMR |
| 120V | 650W | GY9,5 | 90 X 25 | 400 | 3050K | FRE T26 | 99FRE |
| 230V | 300W | GY9,5 | 80 X 15 | 2000 | 2900K | M38 | 99M38 |
| 230V | 300W | GY9,5 | 80 X 18 | 180 | 3200K | CP81 FSL/FSK | 99CP81 |
| 230V | 400W | GY9,5 | 72 X 18 | 50 | 3400K | FSY FSX m.Reflektor | 99FSY |
| 230V | 500W | GY9,5 | 75 X 22 | 75 | 3200K | A1/244 P7389 | X64680 |
| 230V | 500W | GY9,5 | 76 X 22 | 50 | 3400K | A1/254 m. Reflektor | P5968 |
| 230V | 500W | GY9,5 | 85 X 22 | 2000 | 2900K | M40 | 99M40 |
| 230V | 500W | GY9,5 | 90 X 25 | 400 | 3000K | GCV/GCW T18/T25 | 99GCV |
| 230V | 500W | GY9,5 | 90 X 25 | 150 | 3200K | FRH/FRJ CP82 | 99FRH |
| 230V | 650W | GY9,5 | 64 X 21 | 50 | 3200K | DYR A1/233 | 99DYR |
| 230V | 650W | GY9,5 | 90 X 25 | 150 | 3200K | FRL FRM CP89 | 99FRL |
| 230V | 650W | GY9,5 | 90 X 25 | 400 | 3000K | GCK GCT T26/T27 | 99GCK |
| 230V | 800W | GY9,5 | 87 X 23 | 75 | 3200K | A1/245 | X64730 |
| 230V | 900W | GY9,5 | 87 X 23 | 75 | 3000K | DZJ mit Reflektor | 99DZJ |



FDS/DZE



DYR

Halogen mit Metallsockel **G9,5**

-> PIN-Abstand 9,5mm. Sockel aus Metall (kein Keramik)

| Spannung V | Leistung W | Socket | Länge / Ø | Life (h) | Farbtemp. | Vergl.Type/Ansi | Art.Nr. |
|------------|------------|--------|-----------|----------|-----------|-----------------------|----------|
| 120V | 500W | G9,5 | 101 X 20 | 2000 | 2900K | EHD | 99EHD |
| 115V | 575W | G9,5 | 101 X 18 | 1500 | 3100K | FLK/LL | 99FLK |
| 120V | 750W | G9,5 | 101 X 20 | 300 | 3200K | EHF | 99EHF |
| 120V | 1000W | G9,5 | 101 X 20 | 300 | 3200K | FEL CP77 | 99FEL |
| 230V | 375W | G9,5 | 108 X 18 | 1000 | 3200K | HPL-375 | HPL375 |
| 230V | 575W | G9,5 | 106 X 18 | 300 | 3200K | HPL-575 High Perform. | HPL575 |
| 230V | 575W | G9,5 | 106 X 18 | 1500 | 3050K | HPL-575-XLL Long Life | HPL575LF |
| 230V | 600W | G9,5 | 101 X 18 | 250 | 3200K | GKV HX600 | 99GKV |
| 230V | 650W | G9,5 | 101 X 20 | 300 | 3100K | FKR | 99FKR |
| 230V | 750W | G9,5 | 106 X 18 | 300 | 3200K | HPL-750 High Perform. | HPL750 |
| 230V | 800W | G9,5 | 101 X 18 | 250 | 3200K | HX800 | HX800 |
| 230V | 1000W | G9,5 | 101 X 20 | 300 | 3200K | FEP CP77 | 99FEP |



HPL575

alle Typen Preise auf Anfrage.

Halogen - Studio - Lampen

Halogen mit Keramiksockel GX9,5

-> PIN-Abstand 9,5mm. Beide Stifte gleicher Durchmesser (3mm)



HX501/HX185

| Spannung V | Leistung W | Socket | Länge/ Ø | Life (h) | Farbtemp. | Vergl.Type/Ansi | Art.Nr. |
|------------|------------|--------|----------|----------|-----------|-------------------------|---------|
| 120V | 650W | GX9,5 | 110 X 22 | 750 | 3000K | T12 | 99T12X |
| 120V | 650W | GX9,5 | 110 X 22 | 100 | 3200K | CP23 | 99CP23X |
| 120V | 1000W | GX9,5 | 110 X 35 | 750 | 3000K | T11 Q1000T8/CL | 99T11X |
| 120V | 1200W | GX9,5 | 125 X 35 | 400 | 3050K | T29 | 99T29X |
| 230V | 500W | GX9,5 | Ø 60 | 300 | 3050K | HX501 Halogen-Ring | HX501 |
| 230V | 650W | GX9,5 | 110 X 25 | 750 | 3000K | T12 | 99T12 |
| 230V | 650W | GX9,5 | 110 X 25 | 120 | 3200K | FVC CP23 CP67 | 99CP67 |
| 230V | 650W | GX9,5 | 110 X 22 | 100 | 3200K | CP65 m.Innenrefl. | P6999 |
| 230V | 750W | GX9,5 | 120 X 28 | 2000 | 3000K | | P6789 |
| 230V | 800W | GX9,5 | Ø 100 | 300 | 3050K | HX185 Halogen-Ring | HX185 |
| 230V | 1000W | GX9,5 | 110 X 35 | 750 | 3000K | FWP T11/T19 (FWR) | 99T11 |
| 230V | 1000W | GX9,5 | 125 X 28 | 1500 | 3000K | | P6787 |
| 230V | 1000W | GX9,5 | 110 X 35 | 200 | 3200K | FVA CP70/CP24 (FVB) | 99CP70 |
| 230V | 1000W | GX9,5 | 110 X 30 | 150 | 3200K | CP63 m.Innenrefl. 3200K | P6984 |
| 230V | 1200W | GX9,5 | 125 X 35 | 400 | 3050K | FWS T29 (FWT 240V) | 99T29 |
| 230V | 1200W | GX9,5 | 125 X 35 | 200 | 3200K | CP90 | 99CP90 |

Halogen mit Keramiksockel GY16

-> PIN-Abstand 16mm. Stift 1 Ø 2mm, Stift 2 Ø 3mm



| Spannung V | Leistung W | Socket | Länge/ Ø | Life (h) | Farbtemp. | Vergl.Type/Ansi | Art.Nr. |
|------------|------------|--------|----------|----------|-----------|----------------------|---------|
| 120V | 2000W | GY16 | 145 X 40 | 400 | 3200K | CP79 | 99CP79X |
| 230V | 2000W | GY16 | 145 X 40 | 400 | 3200K | CP72 CP79 (20X19) | 99CP72 |
| 230V | 2000W | GY16 | 145 X 40 | 400 | 3200K | FTM/FTL CP43 (22X23) | 99FTL |

Halogen mit Keramiksockel G22

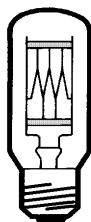
-> PIN-Abstand 22mm (gleicher Durchmesser)



| Spannung V | Leistung W | Socket | Länge/ Ø | Life (h) | Farbtemp. | Vergl.Type/Ansi | Art.Nr. |
|------------|------------|--------|----------|----------|-----------|-----------------|---------|
| 120V | 500W | G22 | 140 X 21 | 150 | 3200K | EGN | 99EGN |
| 120V | 1000W | G22 | 140 X 22 | 250 | 3200K | EGT (CP39) | 99EGT |
| 120V | 2000W | G22 | 175 X 40 | 400 | 3200K | CP92 | 99CP92X |
| 230V | 650W | G22 | 140 X 25 | 100 | 3200K | FKH CP39 | 99CP39 |
| 230V | 1000W | G22 | 140 X 35 | 200 | 3200K | FKJ CP71/CP40 | 99FKJ |
| 230V | 1200W | G22 | 140 X 35 | 200 | 3200K | CP93 | 99CP93 |
| 230V | 2000W | G22 | 160 X 40 | 400 | 3200K | CP75 | 99CP75 |
| 230V | 2000W | G22 | 175 X 40 | 400 | 3200K | CP92 | 99CP92 |
| 230V | 2500W | G22 | 175 X 40 | 400 | 3200K | CP91 | 99CP91 |

Halogen mit Schraubsockel E40

-> Schraubgewinde Ø 40mm (E27 a.Anfr.)



| | | | | | | | |
|------|-------|-----|----------|------|-------|------|---------|
| 24V | 250W | E40 | 109 X 39 | 50 | 3200K | | X54340 |
| 24V | 500W | E40 | 137 X 39 | 150 | 3200K | | X54740 |
| 230V | 500W | E40 | 220 X 42 | 1500 | 2900K | IODE | H40500 |
| 230V | 1000W | E40 | 260 X 42 | 1500 | 2900K | IODE | H401000 |
| 230V | 2000W | E40 | 190 X 30 | 300 | 3200K | CP59 | 99CP59 |

alle Typen Preise auf Anfrage.

Halogen - Studio - Lampen

Halogen mit Keramicksocket G38

-> PIN-Abstand 38mm (gleicher Durchmesser)

| Spannung V | Leistung W | Socket | Länge/ Ø | Life (h) | Farbtemp. | Vergl.Type/Ansi | Art.Nr. |
|------------|------------|--------|-----------|----------|-----------|-----------------|---------|
| 120V | 2000W | G38 | 216 X 32 | 400 | 3200K | CYX CP41 | 99CP41X |
| 120V | 5000W | G38 | 280 X 65 | 500 | 3200K | DPY CP29 | 99CP29X |
| 230V | 1000W | G38 | 216 X 35 | 200 | 3200K | CP106 HX270 | 99CP106 |
| 230V | 2000W | G38 | 210 X 35 | 400 | 3200K | FKK CP73/CP41 | 99FKK |
| 230V | 2500W | G38 | 210 X 40 | 400 | 3200K | CP94 | 99CP94 |
| 230V | 3000W | G38 | 210 X 47 | 400 | 3200K | HX48 | 99HX48 |
| 230V | 3500W | G38 | 265 X 61 | 400 | 3200K | CP107 | 99CP107 |
| 230V | 5000W | G38 | 265 X 61 | 400 | 3200K | CP85 | 99CP85 |
| 230V | 5000W | G38 | 280 X 65 | 500 | 3200K | CP29 | 99CP29 |
| 230V | 10000W | G38 | 380 X 70 | 400 | 3200K | CP83 | 99CP83 |
| 230V | 20000W | G38 | 380 X 100 | 350 | 3200K | CP99 BCM | 99CP99 |



Halogen mit Prefocus-Socket P28s

-> Socket 28mm mit Prefocus-Ring, 1 Lötunkt/Kontakt

| Spannung V | Leistung W | Socket | Länge/ Ø | Life (h) | Farbtemp. | Vergl.Type/Ansi | Art.Nr. |
|------------|------------|--------|----------|----------|-----------|-------------------------|-----------|
| 12V | 100W | P28s | 135 X 28 | 100 | 3200K | A1/4 Lichtwurfl. | X8032 |
| 120V | 500W | P28s | 130 X 21 | 150 | 3200K | BTM | 99BTM |
| 120V | 500W | P28S | 152 X 13 | 2000 | 2950K | EGE | 99EGE |
| 120V | 650W | P28s | 130 X 25 | 750 | 3000K | FKA T13 | 99FKA |
| 120V | 650W | P28s | 130 X 21 | 100 | 3200K | FKL CP51 | 99CP51X |
| 120V | 1000W | P28s | 152 X 20 | 500 | 3200K | EGJ | 99EGJ |
| 230V | 500W | P28s | 130 X 21 | 750 | 2950K | FKF T17 | 99FKF |
| 230V | 500W | P28s | 130 X 21 | 300 | 3000K | T28 | 99T28 |
| 230V | 650W | P28s | 130 X 25 | 750 | 3000K | FKB T13 | 99FKB |
| 230V | 650W | P28s | 130 X 25 | 200 | 3200K | FKM CP51 | 99FKM |
| 230V | 650W | P28s | 125 X 39 | 50 | 3200K | CP49 Auslauf Ersatz FKM | 99CP49 ** |
| 230V | 1000W | P28s | 130 X 35 | 750 | 3000K | FKD T20/T14 | 99FKD |
| 230V | 1000W | P28s | 130 X 35 | 200 | 3200K | FKN CP52 | 99FKN |
| 230V | 1000W | P28s | 150 X 35 | 400 | 3200K | T14 Auslauf | 99T14 |
| 230V | 1000W | P28s | 160 X 35 | 750 | 3050K | FKE T15 | 99FKE |
| 230V | 1000W | P28s | 152 X 20 | 250 | 3200K | EWE | 99EWE |

siehe auch koventionelle Projektionslampen (ohne Halogen)



Halogen mit Prefocus-Socket P40s

-> Socket 40mm mit Prefocus-Ring, 1 Lötunkt/Kontakt

| Spannung V | Leistung W | Socket | Länge/ Ø | Life (h) | Farbtemp. | Vergl.Type/Ansi | Art.Nr. |
|------------|------------|--------|----------|----------|-----------|-----------------|---------|
| 120V | 1500W | P40s | 200 X 40 | 300 | 3200K | DTA T16 | 99DTA |
| 230V | 1000W | P40s | 180 X 35 | 750 | 3050K | T16 | 99T16 |
| 230V | 2000W | P40s | 200 X 40 | 400 | 3200K | CP53 | 99CP53 |



Kurzbogen-Lampen für Video- Beamer

-> VIP-R oder UHP Lampen in Gehäuse eingebaut

Hersteller: Acer, BenQ, Eiki, Hitachi, Infocus, LG, Liesegang, NEC, Philips, Sanyo, Sony, Toshiba etc.

Modell:

Ersatzlampen: bitte Gerätehersteller und genaues Modell (Typenbezeichnung) bei Anfrage angeben





Medizin-/Projektor - Lampen

Halogen mit Reflektor KLR35/MR11

| Spannung V | Leistung W | Socket | Länge X Ø | Life (h) | Vergl.Type/Ansi | Art.Nr. |
|------------|------------|----------|-----------|----------|------------------|---------|
| 6V | 15W | G4 | 32 X 35 | 750h | 13528 | P13528 |
| 6V | 35W | G4 | 32 X 35 | | Auslauf | X64600 |
| 8V | 20W | G4 | 32 X 35 | 50h | Ersatz zu THE254 | X64255 |
| 8V | 50W | G4 | 32 X 35 | 25h | | X64605 |
| 10V | 52W | G4 | 32 X 35 | 100h | 78-8060-9726-3 | P13298 |
| 12V | 28W | GZ4 | 34 X 35 | 1000h | FLS | 99FLS |
| 12V | 75W | G5,3-4,8 | 32 X 35 | 25h | klar | X64617 |
| 12V | 75W | G5,3-4,8 | 32 X 35 | 25h | UV Härtung | X64614 |
| 12V | 100W | G5,3-4,8 | 32 X 35 | 25h | | X64624 |
| 13,8V | 25W | GZ4 | 35 X 35 | 500h | FLT | 99FLT |
| 14V | 35W | G4 | 35 X 35 | 50h | | P13165 |



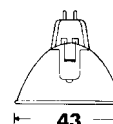
G4 / GZ4



G5,3-4,8 (Flachst.)

Halogen mit Reflektor KLR43/MR13

| | | | | | | |
|-----|------|-------|---------|------|-----|-------|
| 82V | 250W | GX5,3 | 45 X 42 | 200h | EXY | 99EXY |
| 82V | 300W | GX5,3 | 45 X 42 | 35h | EXR | 99EXR |
| 82V | 300W | GX5,3 | 45 X 42 | 70h | FHS | 99FHS |

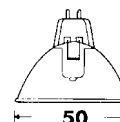


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Halogen mit Reflektor KLR51/MR16

-> GX5,3: Stifte rund, Socket GY5,3 Stifte flach

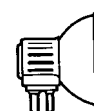
| | | | | | | |
|-------|------|-----------|---------|-------|------------------------|----------|
| 8V | 50W | GZ6,35 | 45 X 50 | 50h | EFM A1/1229 | 99EFM |
| 10,8V | 30W | GX5,3 | 45 X 50 | 200h | EKZ 3100K | 99EKZ |
| 10,8V | 42W | GX5,3 | 45 X 50 | 2000h | EPT 2900K | 99EPT |
| 12V | 75W | GZ6,35 | 45 X 50 | 50h | EFN A1/230 | 99EFN |
| 12V | 100W | GZ6,35 | 45 X 50 | 50h | 018565 | 99EFP |
| 12V | 100W | mit Kabel | 45 X 50 | 50h | 04653 mit Litze | 99EFPX |
| 13,8V | 25W | GX5,3 | 45 X 50 | 250h | FHX | 99FHX |
| 13,8V | 30W | GX5,3 | 45 X 50 | 500h | FJX | 99FJX |
| 13,8V | 50W | GX5,3 | 45 X 50 | 1000h | EPZ/DJT | 99EPZ |
| 13,8V | 50W | mit Kabel | 50 X 50 | 1000h | GJT | 99GJT |
| 13,8V | 85W | GX5,3 | 45 X 50 | 1000h | DED | 99DED |
| 13,8V | 85W | mit Kabel | 50 X 50 | 1000h | GED | 99GED |
| 14,5V | 90W | GX5,3 | 45 X 50 | 500h | EPV/EPX | 99EPV |
| 15V | 150W | GZ6,35 | 45 X 50 | 50h | 018869 EFR A1/232 | 99EFR |
| 15V | 150W | GZ6,35 | 45 X 50 | 50h | Infrarot Goldreflektor | X64635 |
| 19V | 80W | GX5,3 | 45 X 50 | 50h | DDM | 99DDM |
| 20V | 150W | GX5,3 | 45 X 50 | 500h | DDL | 99DDL |
| 21V | 80W | GX5,3 | 45 X 50 | 1000h | DDS | 99DDS |
| 21V | 150W | GX5,3 | 45 X 50 | 40h | ELD/EJN (EJV) | 99ELD |
| 21V | 150W | GX5,3 | 45 X 50 | 200h | EKE | 99EKE |
| 21V | 150W | GX7,9* | 50 X 57 | 25h | DNF A1/266 | 99DNF |
| 24V | 200W | GX5,3 | 45 X 50 | 50h | EJL A1/252 | 99EJL |
| 24V | 200W | GX5,3 | 45 X 50 | 50h | EWf | 99EWf |
| 24V | 250W | GX5,3 | 45 X 50 | 50h | ELC A1/259 | 99ELC |
| 24V | 250W | GX5,3 | 45 X 50 | 300h | ELC Longlife | 99ELCX |
| 24V | 250W | GX5,3 | 45 X 50 | 1000h | ELC Longlife | P1316310 |
| 30V | 200W | GX5,3 | 45 X 50 | 50h | EXS | 99EXS |
| 36V | 340W | GX5,3 | 45 X 50 | 75h | ERV | 99ERV |
| 82V | 250W | GY5,3 | 45 X 50 | 50h | EVW | 99EVW |
| 82V | 360W | GY5,3 | 45 X 50 | 75h | ENX | 99ENX |
| 82V | 410W | GY5,3 | 45 X 50 | 50h | FXL | 99FXL |
| 120V | 150W | GY5,3 | 45 X 50 | 45h | ESD | 99ESD |
| 120V | 250W | GY5,3 | 45 X 50 | 25h | EXX | 99EXX |
| 120V | 250W | GY5,3 | 45 X 50 | 175h | ENH | 99ENH |
| 120V | 300W | GY5,3 | 45 X 50 | 35h | ELH | 99ELH |



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MR16 mit Kabel

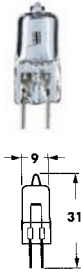


Socket GX7,9



Medizin-/Projektor - Lampen

Halogen-Stifte ohne Reflektor



| Spannung V | Leistung W | Socket | Länge X Ø | Lebensd. | Vergleichs-Type zu /Ansi | Art.Nr. |
|--------------------|------------|--------|-----------|----------|--------------------------|---------|
| Halogen G 4 | | | | | | |
| 6V | 10W | G4 | 38 X 8,5 | 200h | M43 | 99M43 |
| 6V | 10W | G4 | 31 X 9 | 100h | ESA/FHD M29 | 99FHD |
| 6V | 20W | G4 | 31 X 9 | 100h | ESB M30 | X64250 |
| 6V | 35W | G4 | 31 X 9 | 50h | M137 | X64275 |
| 12V | 20W | G4 | 31 X 9 | 100h | M35 (400lm) senkr.Wendel | 99M35 |
| 12V | 75W | G4 | 35 X 9 | 75h | senkr. Wendel | X64616 |

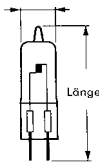


| Halogen US-Typen G4 | | Glaskolben oben ohne Spitze/ kleine Bauform | | | | |
|---------------------|-----|---|--------|-----|-------|-------|
| 6V | 10W | G4 | 7 X 25 | 787 | 1,67A | GE787 |
| 6V | 20W | G4 | 7 X 25 | 778 | | 99FHB |
| 12V | 12W | G4 | 7 X 25 | 783 | 1A | GE783 |
| 12V | 20W | G4 | 7 X 25 | 782 | | GE782 |



| Halogen G6,35 /GY6,35 | | | | | | |
|-----------------------|------|--------|---------|-------|------------------------|-----------|
| 12V | 50W | G6,35 | 44 X 12 | 50h | BRL A1/220 | 99BRL |
| 12V | 50W | G6,35 | 44 X 12 | | 95.512 Berchtold | M1101250 |
| 12V | 100W | GY6,35 | 44 X 12 | 50h | FCR A1/215 | 99FCR |
| 12V | 100W | GY6,35 | 44 X 12 | 2000h | EVA M28 HLX64623 | 99EVA |
| 15V | 150W | G6,35 | 46 X 12 | 50h | BRJ EVB A1/234 | 99BRJ |
| 22,8 | 40W | G6,35 | 42 X 11 | 1000h | 018769 (Transversal) | M1102240 |
| 22,8 | 40W | G6,35 | 42 X 11 | | 567901947 Axial IRC | M1102241X |
| 22,8 | 40W | G6,35 | 42 X 11 | | kuppenversp. Mach | M1102240V |
| 22,8 | 50W | G6,35 | 42 X 11 | 1000h | 018566 (Transversal) | M1102250 |
| 22,8 | 50W | G6,35 | 42 X 11 | 1000h | 56115282 Axialwendel | M1102250X |
| 22,8 | 110W | G6,35 | 44 X 12 | | C-450 90.522 Bercht. | M11022110 |
| 22,8 | 150W | G6,35 | 50 X 14 | | C-570 90.624 Bercht. | M11022150 |
| 22,8 | 250W | G6,35 | 55 X 14 | | C-950G 90.722 Bercht. | M11022250 |
| 24V | 55W | G6,35 | 42 X 14 | 750h | 86.90.300 C300 Martin | M1102455 |
| 24V | 100W | G6,35 | 44 X 12 | | 88.90.524 C450 Martin | M11024100 |
| 24V | 120W | G6,35 | 44 X 12 | | 86.90.500 | M11024120 |
| 24V | 150W | G6,35 | 50 X 14 | 50h | FCS A1/216 | 99FCS |
| 24V | 150W | G6,35 | 50 X 14 | 300h | FDV Langlebensd. | X64642 |
| 24V | 250W | G6,35 | 55 X 14 | 50h | EHJ A1/233 | 99EHJ |
| 24V | 250W | G6,35 | 55 X 14 | 300h | FGX/EVC C950 88.90.724 | 99FGX |
| 24V | 275W | G6,35 | 55 X 14 | 75h | FNT | 99FNT |
| 24V | 300W | G6,35 | 55 X 14 | 75h | FLW | H0624300 |
| 30V | 250W | G6,35 | 55 X 14 | 50h | EPL | 99EPL |
| 36V | 400W | G6,35 | 60 X 18 | 50h | EVD A1/239 | 99EVD |
| 36V | 400W | G6,35 | 57 X 18 | 150h | A1/270 | X64664 |
| 36V | 400W | G6,35 | 60 X 18 | 300h | | X64665 |
| 42V | 150W | G6,35 | 50 X 14 | 2000h | | H0642150 |

Transversal-Wendel



Axial-Wendel



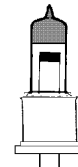
| Hochvolt GX6,35 | | | | | | |
|-----------------|-------|--------|---------|-----|-------------------|---------|
| 120V | 150W | GX6,35 | 55 X 12 | 25h | 3400K | X64501 |
| 120V | 300W | GX6,35 | 58 X 18 | 75h | 3400K | X64514 |
| 120V | 650W | GX6,35 | 58 X 24 | 15h | 3400K | X64535 |
| 230V | 150W | GX6,35 | 55 X 12 | 15 | 3400K | X64502 |
| 230V | 200W | GX6,35 | 52 X 18 | 15 | 3400K | X64505 |
| 230V | 300W | GX6,35 | 58 X 18 | 15 | 3400K | X64515 |
| 230V | 300W | GX6,35 | 58 X 15 | 75 | 3200K CP/97 | X64516 |
| 230V | 300W | GX6,35 | 54 X 18 | 20 | 3200K VL300 Video | 99VL300 |
| 230V | 650W | GX6,35 | 67 X 18 | 15 | 3400K PF810 | PF810 |
| 230V | 650W | GX6,35 | 58 X 24 | 25 | 3400K BVM P1/13 | X64540 |
| 230V | 1000W | GX6,35 | 68 X 24 | 15 | 3400K EGY P1/15 | X64575 |
| 230V | 1000W | GX6,35 | 68 X 24 | 75 | 3200K P2/17 | X64576 |

Medizin-/Projektor - Lampen

| Spannung V | Leistung W | Socket | Ø X Länge | Kolben | Vergleichs-Type zu /Code | Art.Nr. |
|------------------------------|------------|--------|-----------|--------|--------------------------|---------|
| Halogen U-Form GX6,35 | | | | | | |
| 230V | 650W | GX6,35 | 65 X 28 | 50 | EYN U-FORM | 99EYN |
| 230V | 1000W | GX6,35 | 65 X 23 | 15 | FHB U-FORM | 99FHB |
| 230V | 1000W | GX6,35 | 65 X 23 | 75 | DJE U-FORM 3200K | 99DJE |
| 230V | 1250W | GX6,35 | 70 X 24 | 15 | U-FORM (Hedler) | 99UH125 |



| | | | | | | |
|---|------|-------|---------|---------|-------------------------|----------|
| Halogen Keramiksocket 2PIN alternativ zu Hanau Blue, DKK | | | | | | |
| 21,5V | 130W | 2 PIN | 20 X 56 | Kupp.VS | Blue 80 56053026 | M9921130 |
| 22,8V | 90W | 2 PIN | 20 X 56 | Kupp.VS | Blue 90 56053198 | M122290 |
| 22,8V | 113W | 2 PIN | 20 X 56 | Kupp.VS | Blue100 56053296 | M1222113 |
| 24V | 50W | Kabel | 20 X 50 | Kupp.VS | Blue 30 56053010 Kabel | M122450 |
| 24V | 50W | G8 | | Keramik | DKK 24501 (Keramikkopf) | 99DKK |



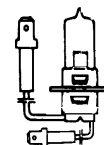
| | | | | | | |
|--|------|-------|-------|------|---------------|-----------|
| Halogen mit Socket BA15d z.B. für Ritter, Gifas | | | | | | |
| 24V | 40W | BA15d | 10X51 | klar | Mach 1210/91H | M1502440 |
| 24V | 75W | BA15d | 10X51 | klar | Gifas JC | M1502475 |
| 24V | 150W | BA15d | 10X55 | klar | Ritter | M15024150 |
| 42V | 150W | BA15d | 10X55 | klar | | M15042150 |



| Spannung V | Leistung W | Socket | Ø X Länge | Kolben | Vergleichs-Type zu /Code | Art.Nr. |
|---|------------|--------|-----------|--------|--------------------------|-----------|
| Halogen mit Metallsocket z.B. für ALM, Angenieux | | | | | | |
| 24V | 70W | X511 | 9 X 30 | KLAR | 62210 104316 | MX24070 |
| 24V | 80W | X511 | 9 X 30 | KLAR | 62211 | MX24080 |
| 24V | 100W | X511 | 14 X 47 | KLAR | 39211 511081 | MX24100 |
| 24V | 100W | X511 | 14 X 47 | MATT | 39210 | MX24100IM |
| 24V | 100W | X514 | 14 X 47 | KLAR | waagr.Wendel 60.232 | MX24100W |
| 24V | 120W | X514 | 14 X 47 | KLAR | waagr.Wendel 6950 | MX24120W |
| 12V | 55W | P14,5s | 9 X 68 | | H1 | A011255 |



| Spannung V | Leistung W | Socket | Ø X Länge | Ampere | Vergleichs-Type/Ansi | Art.Nr. |
|--|------------|--------|-----------|--------|----------------------|---------|
| Halogen Metallsocket mit Kabel | | | | | | |
| -> z.B. für Flugplatzbefeuerung und Zahnarztleuchten | | | | | | |
| 12V | 55W | PK22s | 12 X 42 | | H3 | A031255 |
| 24V | 65W | PK22s | 12 X 42 | | 64451 | A032465 |
| 24V | 70W | PK22s | 12 X 42 | | H3 | A032470 |
| 15V | 45W | PK30d | 14 X 55 | 6,6A | J1/77 | 99J177 |
| 10V | 65W | PK30d | 14 X 53 | 6,6A | | X64328 |
| 15V | 100W | PK30d | 14 X 55 | 6,6A | J1/79 | 99J179 |
| 22,8 | 150W | PK30d | 14 X 58 | 6,6A | J1/83 | 99J183 |
| 24-30V | 200W | PK30d | 14 X 64 | 6,6A | J1/84 | 99J184 |



| | | | | | | |
|----------------------------------|------|------|---------|-------|-------------------|----------|
| Halogen Metallsocket PG22 | | | | | | |
| 6V | 10W | PG22 | 9 X 44 | 300h | 380120-7030 | P220610 |
| 6V | 20W | PG22 | 9 X 44 | 100h | | P220620 |
| 12V | 30W | PG22 | 9 X 44 | 50h | 380120-7040 | P221230 |
| 12V | 50W | PG22 | 11 X 48 | 50h | | P221250 |
| 12V | 100W | PG22 | 11 X 48 | 50h | A1/45 380075-1020 | 99EHE |
| 12V | 100W | PG22 | 11 X 48 | 2000h | | P2212100 |
| 24V | 250W | PG22 | 14 X 56 | 50h | A1/235 7763C | 99A1235 |



alle Typen Nettopreise auf Anfrage.



Metall Dampf für Projektoren, Beamer, Fiberoptik

einseitig gesockelte Halogen-Metaldampf Lampe

-> heißwiederzündfähig (HR Hot Restrike) oder erst nach Abkühlung neu zündfähig



MSR G22



MSD GX9,5

| Leistung | Farbe | Sockel | Länge/ Ø | Type | Hot-Restrike | Vergleichstyp | Art.Nr. |
|----------|-------|--------|----------|------|--------------|-------------------------|----------|
| 125W | 5600K | GZX9,5 | 77 X 17 | HR | ja | MSR125HR | MSR125H |
| 200W | 6000K | GZY9,5 | 80 X 20 | HR | ja | MSR200HR | MSR200H |
| 400W | 6000K | GZZ9,5 | 110 X 23 | HR | ja | MSR400HR | MSR400H |
| 575W | 6000K | G22 | 145 X 30 | HR | ja | MSR575HR | MSR575H |
| 400-700 | 6000K | G22 | 145 X 30 | HR | ja | MSR575HR/P regelbar OHP | MSR575P |
| 1200W | 6000K | G38 | 200 X 40 | HR | ja | MSR1200HR | MSR1200H |
| 2500W | 6000K | G38 | 240 X 60 | HR | ja | MSR2500HR | MSR2500H |
| 4000W | 6000K | G38 | 255 X 77 | HR | ja | MSR4000HR | MSR4000H |
| 6000W | 6000K | GY38 | 378 X 74 | HR | ja | MSR6000HR | MSR6000H |

nicht heißwiederzündfähig. Neustart nach Abkühlung

| | | | | | | | |
|-------|-------|-------|----------|--------|------|-------------------|----------|
| 150W | 4200K | G12 | 110 X 20 | | nein | CDM-SA/T 150W/942 | CMSAT154 |
| 150W | 7000K | G12 | 105 X 20 | HSD | nein | HSD150W/70 | HSD150 |
| 200W | 6000K | GY9,5 | 108 X 23 | HSD | nein | MSD200 | MSD200 |
| 250W | 8500K | GY9,5 | 108 X 23 | /2 | nein | MSD250/2 | MSD252 |
| 250W | 6000K | GY9,5 | 108 X 23 | | nein | MSD250 | MSD250 |
| 575W | 7200K | GX9,5 | 135 X 30 | HSD | nein | MSD575 | MSD575 |
| 575W | 7500K | GX9,5 | 135 X 30 | UL /LF | nein | Longlife 6.000h | MSD575LF |
| 700W | 6000K | G22 | 175 X 40 | /2 | nein | MSD700 | MSD700 |
| 700W | 7200K | G22 | 155 X 30 | /2 | nein | MSR700/2 | MSR702 |
| 1200W | 5900K | G22 | 175 X 40 | /2 | nein | MSR1200 | MSR1202 |

beidseitig gesockelte Halogen-Metaldampf Lampe

-> heißwiederzündfähig (HR Hot Restrike)



| Leistung | Farbe | Sockel | Länge/ Ø | Type | Hot-Restrike | Vergleichstyp | Art.Nr. |
|----------|-------|----------|----------|------|--------------|------------------------|---------|
| 300W | 5700K | SFC10-4 | 93 X 16 | HTI | ja | HTI300W/Longlife 3000h | HTI300L |
| 300W | 6500K | SFC10-4 | 93 X 16 | HTI | ja | HTI300W/65 750h | HTI300X |
| 575W | 5600K | SFC10-4 | 135 X 21 | MSI | ja | MSI575W | MSI575 |
| 700W | 6000K | SFC10-4 | 135 X 18 | HTI | ja | HTI700W/60 | HTI700 |
| 1200W | 6000K | SFC10-4 | 136 X 21 | MSI | ja | MSI1200W | MSI1200 |
| 2500W | 5600K | SFA21-12 | 355 X 32 | MSI | ja | MSI2500W | MSI2500 |

MHR mit Reflektor BLV z.B. für Fiberoptik-Systeme



| Leistung | Farbe | m.Stecker | Länge/ Ø | Type | Hot-Restrike | Vergleichstyp | Art.Nr. |
|----------|-------|-----------|----------|------|--------------|---------------|---------|
| 100W | 5200K | 3 polig | 70 X 71 | MHR | nein | MHR100D | V270220 |
| 100W | 5200K | 5 polig | 70 X 71 | MHR | ja | MHR100D/HR | V270221 |
| 150W | 4200K | 5 polig | 70 X 71 | MHR | ja | MHR150N | V270311 |
| 250W | 4200K | 5 polig | 82 X 89 | MHR | nein | MHR250N | V270411 |

mit Reflektor Osram VIP-R z.B. für Beamer, Projektoren etc.



| Type | Type | Type | Type |
|---------------------|---------------------|---------------------|----------------------|
| VIP-R100/P22 | VIP-R120/P12 | VIP-R120/P24 | VIP-R120/P241 |
| VIP-R150/P16 | VIP-R150/P22 | VIP-R150/P24 | VIP-R200/P22 |
| VIP-R273/45 | VIP-R270/45 | VIP-R400/44 | |
| P-VIP100-120/1.0E19 | P-VIP100-120/1.0E22 | P-VIP100-120/1.0E23 | P-VIP100-120/1.0P22H |
| P-VIP120-132/1.0E22 | P-VIP120-132/1.0P22 | | |
| P-VIP132-150/1.0E22 | P-VIP132-150/1.0E23 | | |
| P-VIP150/1.0P21,5 | P-VIP150/1.3E21,5 | P-VIP150/1.3E21,5T | |
| P-VIP150-180/1.0E22 | P-VIP180/1.0E20 | P-VIP200/1.0E17,5 | P-VIP200/1.0E19 |
| P-VIP200/1.0E21,5 | P-VIP200/1.0P22 | P-VIP200/1.3E22 | P-VIP200/1.3P22 |
| P-VIP250/1.3E21,8 | P-VIP250/1.3P22 | P-VIP250/1.3P22,5 | P-VIP300/1.3P22,5 |

alle Typen Preise auf Anfrage.



Pressglas - Reflektor



| PAR 36 Pressglas Maße: Ø 114 X 70mm | VNSP | NSP | MFL | WFL | VWFL | Euro/Stück |
|--|------------------|-------------|--------------|------------|-----------------|------------|
| | very narrow spot | narrow spot | medium flood | wide flood | very wide flood | |
| | Art. Nr. | Art. Nr. | Art. Nr. | Art. Nr. | Art. Nr. | |
| 5,5V 25 W | R3600525 | | | | | 17,90 € |
| 6,4V 30 W 4515 | R3600630 | | | | | 8,50 € |
| 6,4V 30 W 4511 | | | R4511 | | | 14,80 € |
| 6,4V 30 W Halogen | H4515 | | | | | 14,80 € |
| 12V 25 W | | R3601225N | | R3601225W | R3601225V | 17,50 € |
| 12V 50 W | | R3601250N | | R3601250W | R3601250V | 17,50 € |
| 12,8V 30 W 4405 | R3601230 | | | | | 10,90 € |
| 13V 100 W 4509 | | R4509 | | | | 24,90 € |
| 28V 50 W 4505 | | R4505 | | | | 23,90 € |
| 28V 100 W 4594 | | R4594 | | | | 25,90 € |
| 28V 250 W 4596 | R4596 | | | | | 33,90 € |
| 120V 650 W DWE | | | | 99DWE | | 35,40 € |

| PAR 36 Farbige | rot | gelb | grün | blau | violett | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|--------|
| 6,4V 30 W farbiges Licht | R3600630R | R3600630Y | R3600630G | R3600630B | R3600630V | 8,90 € |

| Farbkappen für PAR 36 | rot | gelb | grün | blau | violett | |
|--------------------------|--------|--------|--------|--------|---------|--------|
| Farbkappe PAR36 Max. 30W | R36KRT | R36KGE | R36KGR | R36KBL | R36KVI | 1,30 € |



| PAR 46 Pressglas Maße: Ø 146 X 95mm | VNSP | NSP | MFL | |
|--|------------------|-------------|--------------|------------|
| | very narrow spot | narrow spot | medium flood | |
| | Art. Nr. | Art. Nr. | Art. Nr. | Euro/Stück |
| 6,4V 30 W 4535 | R4535 | | | a.Anfr. |
| 12,8V 30 W 4435 | R4435 | | | 18,50 € |
| 12,8V 50 W H7635 | H7635 | | | 33,80 € |
| 28V 250 W 4551 | | R4551 | | 27,90 € |
| 28V 250 W 4553 | R4553 | | | 39,90 € |



| PAR 56 Pressglas Maße: Ø 177 X 127mm Sockel GX16d | VNSP | NSP | MFL | WFL | Euro/Stück |
|---|----------------|---------------|-----------|------------|------------|
| | Very Narrow Sp | (Narrow) Spot | Med.Flood | Wide Flood | |
| | Art. Nr. | Art. Nr. | Art. Nr. | Art. Nr. | |
| 230 Volt 300W Markenhersteller | | R56300NS | R56300MF | R56300WFL | 25,50 € |
| 230 Volt 300W Halog. Import | | H56300N | H56300F | H56300W | 17,90 € |
| 230 Volt 500W Halog. Import | | H56500N | H56500F | H56500W | 20,50 € |
| 120 Volt 300W GX16d | | R56301N | R56301F | R56301W | 40,80 € |



| mit Schraubklemme | | | | | |
|-------------------------|----------|-----------|-----------|-----------|---------|
| 12 Volt 100W Schraubkl. | | R5612100 | | | 27,90 € |
| 12 Volt 120W Schraubkl. | | R5612120N | R5612120F | R5612120W | 38,50 € |
| 12 Volt 240W Schraubkl. | | R5612240N | R5612240F | R5612240W | 38,50 € |
| 12 Volt 300W Schwimmbad | | | | R5612300 | 24,90 € |
| 30 Volt 200W Schraubkl. | R5630200 | | | | 33,80 € |



| LED PAR 56 21 X Power LED WFL GX16d | weiß | warmweiß | blau | rot | grün | a.Anfr. |
|--|----------|----------|----------|----------|----------|---------|
| | 6500K | 3000K | | | | |
| 230 V 21 X 1W (30W) | LM5621WF | LM5621XF | LM5621BF | LM5621RF | LM5621GF | |



Vorteil: hohe Lebensdauer, geringe Wärmeentwicklung, intensive Farben - auch als RRB