

Photo/Projection Lamps

| ANSI Code | Product Number | Std. Pkg. Qty. | Volts | Avg. Watts Amps. | Bulb | Base | Rated Avg. Life (Hrs.) | Coil Type | LCL (In.) | LCL (mm) | MOL (In.) | MOL (mm) | Rated Approx. Lumens | Color Temp. (K) | Operating Position | Fig. No. |
|--------------------|----------------|----------------|-------|------------------|---------|----------|------------------------|-----------|-----------|----------|-----------|----------|----------------------|-----------------|--------------------|----------|
| BRL | 31627-3 | 24 | 12 | 50 | T-3.5 | G6.35 | 50 | C-6 | 1.18 | 30 | 1.73 | 44 | 1500 | 3400 | BDTH | 13 |
| BVE | 23922-8 | 24 | 120 | 625 | T-6 | GY9.5 | 75 | C-13D | 1.75 | 44.5 | 3.5 | 89 | | 3350 | BDTH | 11 |
| DDL | 31509-3 | 24 | 20 | 150 | GX5.3 | GX5.3 | 500 | CC-6 | | | 1.75 | 44.5 | | 3150 | BDTH | 25 |
| DDM | 23937-6 | 24 | 19 | 80 | MR-16 | GX5.3 | 50 | CC-6 | | | 1.75 | 44.5 | | 3350 | BDTH | 25 |
| DDS | 31510-1 | 24 | 21 | 80 | MR-16 | GX5.3 | 1000 | CC-6 | | | 1.75 | 44.5 | | 3125 | BDTH | 25 |
| DED | 31475-7 | 24 | 13.8 | 85 | MR-16 | GX5.3 | 1000 | C-8 | | | 1.75 | 44.5 | | 3150 | BDTH | 25 |
| DNE | 23939-2 | 24 | 120 | 150 | 57 DICH | G7.9 | 12 | CC-6 | 0.63 | 15.9 | 1.94 | 49.2 | | 3350 | Horiz. | 28 |
| DNF | 25241-1 | 24 | 21 | 150 | MR-16 | GX7.9 | 25 | CC-6 | 6.15 | 15.88 | 1.78 | 45.24 | | 3400 | Horiz. | 28 |
| DRA | 23940-0 | 24 | 120 | 300 | T-5 | G6.35-20 | 300 | CC-6 | 1.3 | 33 | 2 | 50 | 6900 | 3100 | BDTH | 12 |
| DWZ | 31750-3 | 100 | 30 | 375 | T-4 | RX7s | 1000 | CC-6 | | | 3.17 | 80.6 | 7000 | 2900 | ANY | 18 |
| DXN | 31202-5 | 12 | 120 | 1000 | T-5 | RX7s | 30 | CC-8 | | | 3.75 | 95.3 | 33,000 | 3400 | ANY | 21 |
| DXW | 31219-9 | 12 | 120 | 1000 | T-5 | RX7s | 150 | CC-8 | | | 3.75 | 95.3 | 28,000 | 3200 | ANY | 21 |
| DYS/DYV/BHC | 31639-8 | 24 | 120 | 600 | G-7 | GZ9.5 | 75 | CC-6 | 1.44 | 36.5 | 2.5 | 63.5 | 17,000 | 3200 | Horiz. | 15 |
| EFM | 31484-9 | 50 | 8 | 50 | MR-16 | GZ6.35 | 50 | C-6 | | | 1.65 | 42 | | 3300 | BDTH | 25 |
| EFN | 31502-8 | 50 | 12 | 75 | MR-16 | GZ6.35 | 50 | C-6 | | | 1.65 | 42 | | 3350 | BDTH | 25 |
| EFP | 31488-0 | 50 | 12 | 100 | 50 DICH | GZ6.35 | 50 | C-6 | | | 1.65 | 42 | | 3350 | BDTH | 25 |
| EFR | 31490-6 | 50 | 15 | 150 | MR-16 | GZ6.35 | 50 | C-6 | | | 1.65 | 42 | | 3350 | BDTH | 25 |
| EHA | 31641-4 | 24 | 120 | 500 | T-6 | GZ9.5 | 50 | C-13D | 1.44 | 36.5 | 3 | 76.2 | 11,000 | 3250 | BDTH | 14 |
| EHJ | 31758-6 | 100 | 24 | 250 | T-4 | G6.35 | 50 | C-6F | 1.3 | 33 | 2.17 | 55 | 9400 | 3400 | BD | 13 |
| EHJ-X | 23175-3 | 200 | 24 | 250 | T-4 | G6.35 | 50 | C-6F | 1.3 | 33 | 2.17 | 55 | 10,000 | 3400 | BD | 13 |
| EJA | 44142-8 | 24 | 21 | 150 | MR-16 | GX5.3 | 40 | CC-6 | | | 1.85 | 44.5 | | 3350 | | 25 |
| EJL | 31508-5 | 24 | 24 | 200 | MR-16 | GX5.3 | 50 | CC-6 | | | 1.85 | 44.5 | | 3400 | BDTH | 25 |
| EJM | 23942-6 | 24 | 21 | 150 | MR-16 | GX5.3 | 40 | CC-6 | | | 1.75 | 44.5 | | 3400 | BDTH | 25 |
| EJV | 33744-4 | 24 | 21 | 150 | MR-16 | GX5.3 | 40 | CC-8 | | | 1.75 | 44.5 | | 3400 | BDTH | 25 |
| EKE | 31592-9 | 24 | 21 | 150 | MR-16 | GX5.3 | 200 | CC-6 | | | 1.75 | 44.5 | | 3400 | BDTH | 25 |
| EKZ | 23945-9 | 24 | 10.8 | 30 | MR-16 | GX5.3 | 200 | CC-6 | | | 1.75 | 44.5 | | 3100 | BDTH | 25 |
| ELB | 23946-7 | 24 | 30 | 80 | 50 DICH | GX5.3 | 15 | CC-6 | | | 1.75 | 44.5 | | 3400 | BDTH | 25 |
| ELC | 23103-5 | 24 | 24 | 250 | MR-16 | GX5.3 | 50 | CC-6 | | | 1.75 | 44.5 | | 3200 | BDTH | 25 |
| ELC-5 | 38166-5 | 24 | 24 | 250 | MR-16 | GX5.3 | 500 | CC-6 | | | 1.75 | 44.5 | | 3200 | BDTH | 25 |
| ELD | 31618-2 | 24 | 21 | 150 | MR-16 | GX5.3 | 40 | CC-6 | | | 1.85 | 44.5 | | 3350 | BDTH | 25 |
| ELH | 31619-0 | 24 | 120 | 300 | MR-16 | GY5.3 | 35 | CC-8 | | | 1.85 | 44.5 | | 3350 | BDTH | 25 |
| ELZ | 23950-9 | 24 | 21 | 150 | 57 DICH | G7.9 | 60 | CC-6 | 0.63 | 15.9 | 1.94 | 45.1 | | 3350 | Horiz. | 28 |
| ENG | 23951-7 | 24 | 120 | 300 | MR-16 | GY5.3 | 15 | CC-8 | | | 1.75 | 44.5 | | 3450 | BDTH | 25 |
| ENH | 31621-6 | 24 | 120 | 250 | 50 DICH | GV5.3 | 175 | CC-8 | | | 1.75 | 44.5 | | 3250 | BDTH | 25 |
| ENX | 31927-7 | 24 | 82 | 360 | MR-16 | GY5.3 | 75 | CC-8 | | | 1.75 | 44.5 | | 3300 | BDTH | 25 |
| ENX-5 | 20497-4 | 24 | 86 | 360 | MR-16 | GY5.3 | 75 | CC-8 | | | 1.75 | 44.5 | | 3300 | BDTH | 25 |
| ENZ | 23954-1 | 24 | 30 | 50 | 50 DICH | GX50.3 | 25 | CC-6 | | | 1.75 | 44.5 | | 3400 | BDTH | 25 |
| EPR | 23959-0 | 24 | 120 | 500 | T-6 | G17t-7 | 50 | C-13D | 1.61 | 41 | 3.5 | 89 | | 3250 | BDTH | |
| EPW | 23962-4 | 24 | 100 | 360 | 50 DICH | GY5.3 | 75 | CC-8 | | | 1.75 | 44.5 | | 3300 | BDTH | 25 |
| EPX | 23963-2 | 24 | 14.5 | 90 | 50 DICH | GX5.3 | 500 | CC-6 | | | 1.75 | 44.5 | | 3150 | BDTH | 25 |
| ESA/EHD | 26126-3 | 100 | 6 | 10 | T-2.5 | G-4 | 100 | C-6 | 0.77 | 19.6 | 1.18 | 30 | 200 | 3200 | ANY | 3 |
| ESB | 25678-4 | 100 | 6 | 20 | T-3 | G-4 | 100 | C-6 | 0.77 | 19.5 | 1.22 | 31 | 420 | 3200 | ANY | 3 |
| D ETA | 31882-4 | 24 | 12 | 100 | T-3.5 | PG22d | 50 | C-6 | 0.71 | 18 | 1.89 | 48 | 3200 | 3400 | BDTH | 8 |
| EVA | 25676-8 | 100 | 12 | 100 | T-3.5 | GY6.35 | 1000 | C-6F | 1.18 | 30 | 1.73 | 44 | 2500 | 3200 | ANY | 7 |
| EVA | 25676-8 | 100 | 12 | 100 | T-3.5 | GY6.35 | 1000 | C-6F | 1.18 | 30 | 1.73 | 44 | 2500 | 3200 | ANY | 7 |
| EVC | 31884-0 | 100 | 24 | 250 | T-5 | G6.35 | 300 | C-6F | 1.3 | 33 | 2.24 | 57 | 8400 | 3200 | ANY | 13 |
| EVD-X | 23177-9 | 24 | 36 | 400 | T-6 | G6.35 | 50 | C-6F | 1.42 | 36.1 | 2.36 | 59.9 | 16,625 | 3400 | BDTH | 13 |
| EVW | 25284-1 | 24 | 82 | 250 | 50 DICH | GX5.3 | 50 | CC-8 | | | 1.75 | 44.45 | | 3300 | BD TO 22° UP | 25 |
| EXR | 25286-6 | 24 | 82 | 300 | MR-13 | GX5.3 | 35 | CC-8 | | | 1.75 | 44.45 | | 3350 | BDTH | 27 |
| EXR-5 | 23967-3 | 24 | 86 | 300 | MR-13 | GX5.3 | 15 | CC-8 | | | 1.75 | 44.5 | | 3400 | BDTH | 27 |
| EXW | 23971-5 | 24 | 82 | 300 | 42 DICH | GX5.3 | 15 | CC-8 | | | 1.75 | 44.5 | | 3400 | BDTH | 27 |
| EXY | 20493-3 | 24 | 82 | 250 | MR-13 | GX5.3 | 250 | CC-8 | | | 1.75 | 44.5 | | 3250 | BDTH | 27 |
| EYB | 23257-9 | 24 | 82 | 360 | T-5 | G5.3 | 75 | CC-8 | 1.25 | 31 | 2.25 | 57 | 10,000 | 3250 | BDTH | 6 |
| EYB-5 | 23972-3 | 24 | 86 | 360 | T-5 | G5.3 | 75 | CC-8 | 1.25 | 31.8 | 2.25 | 57 | 10,000 | 3300 | BDTH | 6 |
| EYH/FKT | 23973-1 | 24 | 120 | 250 | GT-7 | G5.3 | 150 | CC-6 | 1.44 | 36.5 | 2.5 | 63 | 6050 | 3050 | BDTH | |

- ◆ — SPECIAL ORDER ITEM, Consult Customer Service for minimum order quantities and delivery.
- D — Lamps to be discontinued after inventory is depleted. Please check with customer service for availability.
- ❖ — Not shown.

Unless otherwise noted all dimensions are in inches. To convert inches to millimeters multiply by 25.4001.

For the most current product information, go to www.nam.lighting.philips.com/us/ecatalog/

FocusLine

Photo/Projection Lamps, continued

| ANSI Code | Product Number | Std. Pkg. Qty. | Volts | Avg. Watts Amps. | Bulb | Base | Rated Avg. Life (Hrs.) | Coil Type | LCL (In.) | LCL (mm) | MOL (In.) | MOL (mm) | Rated Approx. Lumens | Color Temp. (K) | Operating Position | Fig. No. |
|---------------|----------------|----------------|-------|------------------|---------|----------|------------------------|-----------|-----------|----------|-----------|----------|----------------------|-----------------|--------------------|----------|
| FAL | 23976-4 | 24 | 120 | 420 | T-6 | RX7s | 75 | CC-8 | | | 2.63 | 66.7 | 11,000 | 3200 | ANY | 18 |
| FCM | 33269-2 | 12 | 120 | 1000 | T-3 | RX7s | 300 | C-8 | | | 4.72 | 119.9 | 27,000 | 3200 | Horiz. | 20 |
| FCR | 26101-6 | 100 | 12 | 100 | T-3.5 | GY6.35 | 50 | C-6F | 1.18 | 30 | 1.73 | 44 | 3400 | 3400 | BDTH | 7 |
| FCS | 20607-8 | 200 | 24 | 150 | T-4 | G6.35 | 50 | C-6F | 1.18 | 30 | 2 | 50.8 | 6000 | 3400 | BDTH | 13 |
| FDS/DZE | 31655-4 | 24 | 24 | 150 | T-4 1/2 | GZ9.5 | 50 | C-6F | 1.32 | 33.4 | 2.25 | 57 | 5000 | 3400 | BD | 5 |
| FDV | 23978-0 | 24 | 24 | 150 | T-5 | G6.35-15 | 100 | C-6F | 1.18 | 30 | 2 | 50 | 4300 | 3300 | BDTH | 13 |
| FHM | 26130-5 | 100 | 120 | 1000 | T-3 | RX7s | 300 | C-8 | | | 4.72 | 119.9 | 26,000 | 3200 | Horiz. | 20 |
| FHS | 25305-4 | 24 | 82 | 300 | MR-13 | GX5.3 | 70 | CC-8 | | | 1.75 | 44.45 | | 3300 | BDTH | 27 |
| FHS-5 | 23981-4 | 24 | 86 | 300 | MR-13 | GX5.3 | 70 | CC-8 | | | 1.75 | 44.5 | | 3300 | BDTH | 27 |
| FHV | 31671-1 | 24 | 32 | 150 | T-4 | G6.35 | 50 | C-6F | 1.81 | 30 | 1.96 | 50 | 5000 | 3400 | BDTH | 13 |
| FJX | 31499-7 | 50 | 13.8 | 30 | 50 DICH | GX5.3 | 500 | C-8 | | | 1.77 | 44.9 | | 3150 | | 25 |
| FKY | 31924-4 | 24 | 6 | 9 | MR-11 | G3.9 | 250 | C-6 | | | 1.65 | 42 | | | BDTH | 26 |
| FLN | 31935-0 | 24 | 13.8 | 50 | 50 DICH | GX5.3 | 1000 | C-8 | | | 1.75 | 44.5 | | 3150 | BDTH | 25 |
| FLT | 23980-6 | 24 | 13.8 | 25 | MR-11 | GZ4 | 400 | CC-6 | | | 1.38 | 35 | | 3100 | Horiz. | 23 |
| FLW | 20492-5 | 24 | 24 | 300 | T-6 | GY6.3 | 50 | C-6F | 1.3 | 33 | 2.17 | 55 | 10,450 | 3400 | BD±15° | 13 |
| FLZ | 31929-3 | 24 | 18.7 | 125 | 50 DICH | GX5.3 | 120 | CC-6 | | | 1.85 | 47 | | | BDTH | 25 |
| FNT | 20463-6 | 200 | 24 | 275 | T-6 | G6.35 | 75 | C-6F | 1.3 | 33 | 2.17 | 55 | 10,000 | 3400 | BDTH | 13 |
| FXL | 23030-0 | 24 | 82 | 410 | 50 DICH | GY5.3 | 50 | CC-8 | | | 1.75 | 44.5 | | 3300 | BDTH | 25 |
| GDA | 38684-7 | 100 | 120 | 500 | T 3.5 | RX7s | 75 | CC-8 | | | 5.25 | 133.3 | 11,000 | 3200 | ANY | 19 |
| JCR 15V, 150W | 24923-5 | 24 | 15 | 150 | MR-16 | GZ6.35 | 500 | C-8 | | | 1.65 | 42 | | | BDTH | 25 |
| 5761 | 25713-9 | 100 | 6 | 30 | T-3.5 | G4 | 100 | C-6F | 0.77 | 19.6 | 1.22 | 31 | 765 | 3200 | ANY | 16 |
| 5972 | 31333-8 | 100 | 6 | 10 | T-3 | G4 | 200 | | 0.95 | 24 | 1.5 | 38 | 150 | 3000 | ANY | 4 |
| 6605 | 25684-2 | 100 | 6 | 10 | T-3 | G4 | 2000 | C-6 | 0.77 | 19.5 | 1.22 | 30 | 150 | 2700 | ANY | 3 |
| 7010 | 25702-2 | 10 | 120 | 300 | T-6 | GX6.35 | 150 | C-6 | 1.28 | | | | 7500 | 3200 | ANY | |
| 13117 | 37614-5 | 50 | 17 | 150 | MR-16 | GX5.3 | 1000 | CC-6 | | | 1.85 | 47 | | 3200 | ANY | 25 |
| 13139 | 33545-5 | 50 | 12 | 75 | MR-16 | GX5.3 | 1000 | C-8 | | | 1.65 | 42 | | | BD±105° | 25 |
| 13165 | 44295-4 | 50 | 14 | 35 | 35 DICH | GZ4 | 50 | | | | 1.5 | 38 | | | BD±130° | 25 |
| 13288 | 22146-5 | 50 | 13.8 | 85 | MR-16 | GX5.3 | 1000 | C-8 | | | 1.81 | 46 | | | BDTH | 25 |
| 13298 | 35436-5 | 230 | 10 | 52 | 35 DICH | GZ4 | 20 | CC-8 | | | 1.77 | 44.9 | | | Horiz.±40° | 26 |
| 13347W | 31453-4 | 100 | 6 | 15 | T-6 | BA15d | 100 | C-6F | 1.75 | 44.5 | 2.13 | 54.1 | 210 | | Horiz. | ❖ |
| 13477R | 31349-4 | 150 | 220 | 800 | T-3.5 | RX7s | 150 | | | | 4.72 | 120 | 21,600 | 3200 | Horiz. | 22 |
| 13528 | 31504-4 | 360 | 6 | 15 | 35 DICH | GZ4 | 500 | C-6 | | | 1.5 | 38 | | | BD±105° | 26 |
| 13529 | 31507-7 | 360 | 6 | 9 | MR-11 | GZ4 | 250 | C-6 | | | 1.5 | 38 | | | BD±105° | 26 |
| 13865 | 26423-4 | 50 | 12 | 75 | MR-11 | G5.3 | 50 | | | | 1.57 | 40 | | | BD±105° | 23 |
| 14553 | 26391-3 | 230 | 10 | 52 | MR-11 | GZ4 | 20 | | | | 1.57 | 40 | | | BD±105° | 26 |

Cross Reference List of IEC and ANSI Base Designations

| IEC | ANSI | IEC | ANSI | IEC | ANSI | IEC | ANSI |
|--------|--------------------|-------|-------------------------|--------|---------------------------|-------|------------------------------|
| E10/12 | Miniature Screw | G13 | Medium Bipin | G17t | 3-Pin Prefocus | GY9.5 | Prefocus Two-Pin |
| E12/15 | Candelabra Screw | G20 | Mogul Bipin | G17q | 4-Pin Prefocus | | (Higher Wattage) |
| E17/20 | Intermediate Screw | R17d | Recessed D.C. | GX17q | 4-Pin Prefocus (Low-Volt) | GZ9.5 | Prefocus Two-Pin |
| E26s | Medium Screw S.C. | BA15s | Candelabra Bayonet S.C. | G5.3 | Miniature Two-Pin | G22 | Medium Bipost |
| E26d | Medium Screw D.C. | BA15d | Candelabra Bayonet D.C. | G6.35 | Glass Two-Pin | G38 | Mogul Bipost |
| E39 | Mogul Screw | P28S | Medium Prefocus | GY6.35 | Glass Two-Pin | R7s | Recessed S.C. |
| Fa8 | Single-Pin | P40s | Mogul Prefocus | G9.5 | Medium Two-Pin | GY5.3 | Two-Pin Reflector (Low-Volt) |
| G5 | Miniature Bipin | | | | | GY5.3 | Two-Pin Reflector |

For the most current product information, go to www.nam.lighting.philips.com/us/ecatalog/

hi-Tech lamps

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