



E-Lume™

CFL
HID
Halogen
Fluorescent
Incandescent

How do these lamps produce light?



Fluorescent Lamps



An electronic arc passes between the cathodes exciting mercury and other gases producing radiant energy. The phosphor coating converts the energy to visible light.



Compact Fluorescent Lamps (CFL)



CFLs are a type of fluorescent lamp and operates the same way. Compared to general service incandescent lamps CFL gives the same amount of visible light as an incandescent while using less power and have a longer rated life. CFLs radiate a different light spectrum from that of incandescent lamps.



Incandescent Lamps



An electric current passes through a thin filament heating it to a temperature that produces light. The enclosing glass lamp contains either a vacuum or an inert gas to prevent oxidation of the hot filament.



Halogen Lamps



A tungsten filament is used; and it is encased inside a much smaller quartz envelope. Because the envelope is so close to the filament, it would melt if it were made from glass. The gas inside the envelope is also different as they consist of a halogen gas combine with tungsten vapor. If the temperature is high enough, the halogen gas will combine with tungsten material as they evaporate and redeposit them on the filament. This recycling process lets the filament last a lot longer.





HID Lamps



HID lamps have a capsule of gas instead of the tungsten filament. The gas is actually used to produce light instead of simply slowing the decay of the lamp. Two electrodes are positioned close together and hermetically sealed inside the gas capsule. The electrodes are wired to a ballast and the ballast acts as the light's control center, igniting the light and then regulating its power flow.

The ideal solution for energy saving, long life and reliability

Features

- Uses 80% less energy than incandescent lamps
- Lasts 10 times longer than incandescent lamps
- Available in a wide range of colour temperatures
- Starting temperature: -23 °C / -10 °F
-  Energy Star approved
-  listed







Benefits

- **NEW** Suitable for use in totally enclosed fixtures *
- **NEW** Extended life
- Saves on energy and maintenance costs



SPIRAL

Single pack

| Order code | Description | Watts (W) | Base | Colour temp. (K) | CRI | Average life (hrs) | Initial lumens (lm) | MOL (in.) (mm) | Case qty | Incandescent equivalent (W) |
|---|----------------------------|-----------|------|------------------|-----|--------------------|---------------------|----------------|----------|-----------------------------|
| 58645 | CF9/27K/SPIRAL/E26/ELUME | 9 | E26 | 2700 | 82 | 10000 | 500 | 4.3 108 | 96 | 35 |
| 14141  | CF13/27K/SPIRAL/E26/ELUME* | 13 | E26 | 2700 | 82 | 10000 | 900 | 4.4 112 | 48 | 60 |
| 58642  | CF13/30K/SPIRAL/E26/ELUME* | 13 | E26 | 3000 | 82 | 10000 | 900 | 4.4 112 | 48 | 60 |
| 14143  | CF15/27K/SPIRAL/E26/ELUME | 15 | E26 | 2700 | 82 | 10000 | 950 | 4.9 124 | 48 | 60 |
| 14145 | CF15/30K/SPIRAL/E26/ELUME | 15 | E26 | 3000 | 82 | 10000 | 950 | 4.9 124 | 48 | 60 |
| 14148  | CF20/27K/SPIRAL/E26/ELUME* | 20 | E26 | 2700 | 82 | 10000 | 1250 | 5.2 133 | 48 | 75 |
| 14154  | CF23/27K/SPIRAL/E26/ELUME* | 23 | E26 | 2700 | 82 | 10000 | 1600 | 5.2 133 | 48 | 100 |
| 14155 | CF23/30K/SPIRAL/E26/ELUME* | 23 | E26 | 3000 | 82 | 10000 | 1600 | 5.2 133 | 48 | 100 |
| 58877  | CF23/41K/SPIRAL/E26/ELUME* | 23 | E26 | 4100 | 82 | 10000 | 1600 | 5.2 133 | 48 | 100 |
| 58875 | CF23/50K/SPIRAL/E26/ELUME* | 23 | E26 | 5000 | 82 | 10000 | 1600 | 5.2 133 | 48 | 100 |

NEW








12 pack




4 pack

Multi packs

| Order code | Description | Watts (W) | Base | Colour temp. (K) | CRI | Average life (hrs) | Initial lumens (lm) | MOL (in.) (mm) | Case qty | Incandescent equivalent (W) |
|---|--------------------------------|-----------|------|------------------|-----|--------------------|---------------------|----------------|----------|-----------------------------|
| 58643  | CF13/27K/SPIRAL/E26/ELUME 4P* | 13 | E26 | 2700 | 82 | 10000 | 900 | 4.4 112 | 64 | 60 |
| 58644  | CF13/30K/SPIRAL/E26/ELUME 4P* | 13 | E26 | 3000 | 82 | 10000 | 900 | 4.4 112 | 64 | 60 |
| 58876  | CF13/41K/SPIRAL/E26/ELUME 4P* | 13 | E26 | 4100 | 82 | 10000 | 900 | 4.4 112 | 64 | 60 |
| 58711  | CF13/50K/SPIRAL/E26/ELUME 4P* | 13 | E26 | 5000 | 82 | 10000 | 800 | 4.4 112 | 64 | 60 |
| 59677  | CF13/27K/SPIRAL/E26/ELUME 12P* | 13 | E26 | 2700 | 82 | 10000 | 900 | 4.4 112 | 48 | 60 |

NEW

Features

- Same size, same light output, same shape as halogen PAR lamps
- Weatherproof
- Indoor/outdoor use (base up)
- Instant on
- Starting temperature: -23°C/-10°F
-  listed

Benefits

- Direct retrofit to halogen PARs
- Saves on energy and maintenance costs



PAR20



PAR30LN

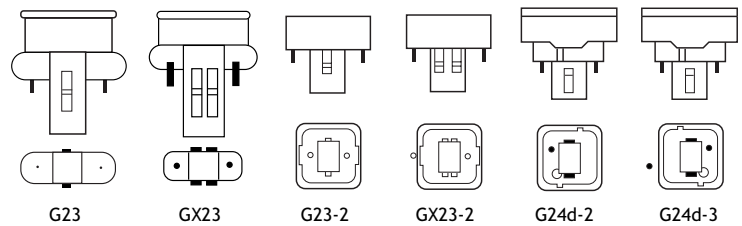


PAR38

PAR

| Order code | Description | Watts (W) | Base | Colour temp. (K) | CRI | Average life (hrs) | Initial lumens (lm) | MOL (in.) (mm) | Case qty | Halogen equivalent (W) |
|------------|----------------------------|-----------|------|------------------|-----|--------------------|---------------------|----------------|----------|------------------------|
| 59673 | CF9/27K/PAR20/E26/ELUME | 9 | E26 | 2 700 | 82 | 8 000 | 300 | 3.7 95 | 48 | 50 |
| 59674 | CF9/41K/PAR20/E26/ELUME | 9 | E26 | 4 100 | 82 | 8 000 | 300 | 3.7 95 | 48 | 50 |
| 59675 | CF15/27K/PAR30LN/E26/ELUME | 15 | E26 | 2 700 | 82 | 8 000 | 700 | 5.0 127 | 24 | 75 |
| 59676 | CF15/41K/PAR30LN/E26/ELUME | 15 | E26 | 4 100 | 82 | 8 000 | 700 | 5.0 127 | 24 | 75 |
| 59671 | CF23/27K/PAR38/E26/ELUME | 23 | E26 | 2 700 | 82 | 8 000 | 1 280 | 5.5 139 | 24 | 90 |
| 59672 | CF23/30K/PAR38/E26/ELUME | 23 | E26 | 3 000 | 82 | 8 000 | 1 280 | 5.5 139 | 24 | 90 |
| 59670 | CF23/41K/PAR38/E26/ELUME | 23 | E26 | 4 100 | 82 | 8 000 | 1 280 | 5.5 139 | 24 | 90 |

2-PIN LAMP BASES



2-PIN

| Order code | Description | Watts (W) | Base | Colour temp. (K) | CRI | Average life (hrs) | Initial lumens (lm) | MOL (in.) (mm) | Case qty |
|------------|----------------------|-----------|-------|------------------|-----|--------------------|---------------------|----------------|----------|
| 14105 | PL5/27K/TT/2P/ELUME | 5 | G-23 | 2 700 | 82 | 10 000 | 210 | 4.1 105 | 96 |
| 14031 | PL7/27K/TT/2P/ELUME | 7 | G-23 | 2 700 | 82 | 10 000 | 360 | 5.3 135 | 96 |
| 14032 | PL7/41K/TT/2P/ELUME | 7 | G-23 | 4 100 | 82 | 10 000 | 360 | 5.3 135 | 96 |
| 14033 | PL9/27K/TT/2P/ELUME | 9 | G-23 | 2 700 | 82 | 10 000 | 525 | 6.5 165 | 96 |
| 14034 | PL9/41K/TT/2P/ELUME | 9 | G-23 | 4 100 | 82 | 10 000 | 525 | 6.5 165 | 96 |
| 14035 | PL13/27K/TT/2P/ELUME | 13 | GX-23 | 2 700 | 82 | 10 000 | 720 | 7.1 180 | 96 |
| 14107 | PL13/35K/TT/2P/ELUME | 13 | GX-23 | 3 500 | 82 | 10 000 | 720 | 7.1 180 | 96 |
| 14036 | PL13/41K/TT/2P/ELUME | 13 | GX-23 | 4 100 | 82 | 10 000 | 720 | 7.1 180 | 96 |

Twin tube



Twin Tube

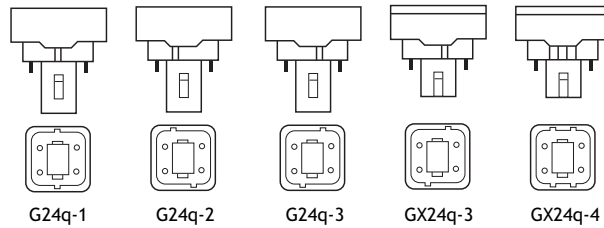
Double twin tube



Double Twin Tube

| Order code | Description | Watts (W) | Base | Colour temp. (K) | CRI | Average life (hrs) | Initial lumens (lm) | MOL (in.) (mm) | Case qty |
|------------|-----------------------|-----------|--------|------------------|-----|--------------------|---------------------|----------------|----------|
| 14106 | PL9/27K/DTT/2P/ELUME | 9 | G23-2 | 2700 | 82 | 10000 | 475 | 4.3 110 | 96 |
| 14037 | PL13/27K/DTT/2P/ELUME | 13 | GX23-2 | 2700 | 82 | 10000 | 810 | 4.7 118 | 96 |
| 14108 | PL13/35K/DTT/2P/ELUME | 13 | GX23-2 | 3500 | 82 | 10000 | 810 | 4.7 118 | 96 |
| 14109 | PL13/41K/DTT/2P/ELUME | 13 | GX23-2 | 4100 | 82 | 10000 | 810 | 4.7 118 | 96 |
| 14110 | PL18/27K/DTT/2P/ELUME | 18 | G24d-2 | 2700 | 82 | 10000 | 1035 | 6.0 152 | 96 |
| 14111 | PL18/35K/DTT/2P/ELUME | 18 | G24d-2 | 3500 | 82 | 10000 | 1035 | 6.0 152 | 96 |
| 14112 | PL18/41K/DTT/2P/ELUME | 18 | G24d-2 | 4100 | 82 | 10000 | 1035 | 6.0 152 | 96 |
| 14113 | PL26/27K/DTT/2P/ELUME | 26 | G24d-3 | 2700 | 82 | 10000 | 1540 | 6.8 173 | 96 |
| 14114 | PL26/35K/DTT/2P/ELUME | 26 | G24d-3 | 3500 | 82 | 10000 | 1540 | 6.8 173 | 96 |
| 14115 | PL26/41K/DTT/2P/ELUME | 26 | G24d-3 | 4100 | 82 | 10000 | 1540 | 6.8 173 | 96 |

4-PIN LAMP BASES



4-PIN

Double twin tube



Double Twin Tube

| Order code | Description | Watts (W) | Base | Colour temp. (K) | CRI | Average life (hrs) | Initial lumens (lm) | MOL (in.) (mm) | Case qty |
|------------|-----------------------|-----------|--------|------------------|-----|--------------------|---------------------|----------------|----------|
| 14116 | PL13/27K/DTT/4P/ELUME | 13 | G24q-1 | 2700 | 82 | 10000 | 810 | 5.2 131 | 96 |
| 14117 | PL13/30K/DTT/4P/ELUME | 13 | G24q-1 | 3000 | 82 | 10000 | 810 | 5.2 131 | 96 |
| 14118 | PL13/35K/DTT/4P/ELUME | 13 | G24q-1 | 3500 | 82 | 10000 | 810 | 5.2 131 | 96 |
| 14119 | PL13/41K/DTT/4P/ELUME | 13 | G24q-1 | 4100 | 82 | 10000 | 810 | 5.2 131 | 96 |
| 14120 | PL18/30K/DTT/4P/ELUME | 18 | G24q-2 | 3000 | 82 | 10000 | 1035 | 5.8 147 | 96 |
| 14121 | PL18/35K/DTT/4P/ELUME | 18 | G24q-2 | 3500 | 82 | 10000 | 1035 | 5.8 147 | 96 |
| 14122 | PL18/41K/DTT/4P/ELUME | 18 | G24q-2 | 4100 | 82 | 10000 | 1035 | 5.8 147 | 96 |
| 14123 | PL26/27K/DTT/4P/ELUME | 26 | G24q-3 | 2700 | 82 | 10000 | 1540 | 6.5 165 | 96 |
| 14124 | PL26/30K/DTT/4P/ELUME | 26 | G24q-3 | 3000 | 82 | 10000 | 1540 | 6.5 165 | 96 |
| 14125 | PL26/35K/DTT/4P/ELUME | 26 | G24q-3 | 3500 | 82 | 10000 | 1540 | 6.5 165 | 96 |
| 14126 | PL26/41K/DTT/4P/ELUME | 26 | G24q-3 | 4100 | 82 | 10000 | 1540 | 6.5 165 | 96 |

Triple twin tube



Triple Twin Tube

| Order code | Description | Watts (W) | Base | Colour temp. (K) | CRI | Average life (hrs) | Initial lumens (lm) | MOL (in.) (mm) | Case qty |
|------------|-----------------------|-----------|---------|------------------|-----|--------------------|---------------------|----------------|----------|
| 14127 | PL26/30K/TTT/4P/ELUME | 26 | GX24q-3 | 3000 | 82 | 10000 | 1620 | 5.2 131 | 96 |
| 14128 | PL26/35K/TTT/4P/ELUME | 26 | GX24q-3 | 3500 | 82 | 10000 | 1620 | 5.2 131 | 96 |
| 14129 | PL26/41K/TTT/4P/ELUME | 26 | GX24q-3 | 4100 | 82 | 10000 | 1620 | 5.2 131 | 96 |
| 14130 | PL32/30K/TTT/4P/ELUME | 32 | GX24q-3 | 3000 | 82 | 10000 | 2160 | 5.8 147 | 96 |
| 14131 | PL32/35K/TTT/4P/ELUME | 32 | GX24q-3 | 3500 | 82 | 10000 | 2160 | 5.8 147 | 96 |
| 14132 | PL32/41K/TTT/4P/ELUME | 32 | GX24q-3 | 4100 | 82 | 10000 | 2160 | 5.8 147 | 96 |
| 14133 | PL42/30K/TTT/4P/ELUME | 42 | GX24q-4 | 3000 | 82 | 10000 | 2880 | 6.5 165 | 96 |
| 14134 | PL42/35K/TTT/4P/ELUME | 42 | GX24q-4 | 3500 | 82 | 10000 | 2880 | 6.5 165 | 96 |
| 14135 | PL42/41K/TTT/4P/ELUME | 42 | GX24q-4 | 4100 | 82 | 10000 | 2880 | 6.5 165 | 96 |

Features

- Operates on programmed start electronic ballast except where otherwise identified
- Energy savings and reduced maintenance cost
- TCLP compliant*
- High colour consistency

Applications

- Hotels
 - Schools
 - Ambient lighting
 - Retail stores
 - Hospitals
 - Offices
- (Living room, kitchen, under cabinet lighting)



T5 Operates on preheat ballasts

| Order code | Description | Watts (W) | Base | Colour temp. (K) | CRI | Average life (hrs) | Initial lumens (lm) | Mean lumens (lm) | Nominal length (in. / mm) | | Nominal diameter (in. / mm) | | Efficacy (lm/W) | Case qty |
|------------|----------------------|-----------|-----------|------------------|-----|--------------------|---------------------|------------------|---------------------------|-----|-----------------------------|----|-----------------|----------|
| 56509 | F4T5/CW/PH/G5/ELUME | 4 | Min Bipin | 4100 | 62 | 6000 | 135 | - | 6 | 152 | 0.63 | 16 | 34 | 10 |
| 56510 | F6T5/CW/PH/G5/ELUME | 6 | Min Bipin | 4100 | 62 | 7500 | 240 | - | 9 | 229 | 0.63 | 16 | 40 | 10 |
| 56511 | F6T5/DL/PH/G5/ELUME | 6 | Min Bipin | 6500 | 79 | 7500 | 210 | - | 9 | 229 | 0.63 | 16 | 35 | 10 |
| 56512 | F8T5/CW/PH/G5/ELUME | 8 | Min Bipin | 4100 | 62 | 7500 | 350 | - | 12 | 305 | 0.63 | 16 | 44 | 10 |
| 56513 | F8T5/DL/PH/G5/ELUME | 8 | Min Bipin | 6500 | 79 | 7500 | 310 | - | 12 | 305 | 0.63 | 16 | 39 | 10 |
| 56518 | F13T5/WW/PH/G5/ELUME | 13 | Min Bipin | 3000 | 53 | 7500 | 820 | - | 21 | 530 | 0.63 | 16 | 63 | 10 |
| 57392 | F13T5/CW/PH/G5/ELUME | 13 | Min Bipin | 4100 | 62 | 7500 | 740 | - | 21 | 530 | 0.63 | 16 | 57 | 10 |

T5 Operates on program start ballasts

| Order code | Description | Watts (W) | Base | Colour temp. (K) | CRI | Average life (hrs) | Initial lumens (lm) | Mean lumens (lm) | Nominal length (in. / mm) | | Nominal diameter (in. / mm) | | Efficacy (lm/W) | Case qty |
|------------|-------------------------|-----------|-----------|------------------|-----|--------------------|---------------------|------------------|---------------------------|------|-----------------------------|----|-----------------|----------|
| 59187* | F14T5/35K/8/PS/G5/ELUME | 14 | Min Bipin | 3500 | 85 | 20000 | 1350 | 1280 | 22 | 559 | 0.67 | 17 | 96 | 25 |
| 59188* | F14T5/41K/8/PS/G5/ELUME | 14 | Min Bipin | 4100 | 85 | 20000 | 1350 | 1280 | 22 | 559 | 0.67 | 17 | 96 | 25 |
| 59189* | F14T5/50K/8/PS/G5/ELUME | 14 | Min Bipin | 5000 | 85 | 20000 | 1350 | 1280 | 22 | 559 | 0.67 | 17 | 96 | 25 |
| 59190* | F21T5/35K/8/PS/G5/ELUME | 21 | Min Bipin | 3500 | 85 | 20000 | 2100 | 1995 | 34 | 864 | 0.67 | 17 | 100 | 25 |
| 59191* | F21T5/41K/8/PS/G5/ELUME | 21 | Min Bipin | 4100 | 85 | 20000 | 2100 | 1995 | 34 | 864 | 0.67 | 17 | 100 | 25 |
| 59192* | F21T5/50K/8/PS/G5/ELUME | 21 | Min Bipin | 5000 | 85 | 20000 | 2100 | 1995 | 34 | 864 | 0.67 | 17 | 100 | 25 |
| 59196* | F28T5/35K/8/PS/G5/ELUME | 28 | Min Bipin | 3500 | 85 | 20000 | 2900 | 2755 | 46 | 1168 | 0.67 | 17 | 104 | 25 |
| 59197* | F28T5/41K/8/PS/G5/ELUME | 28 | Min Bipin | 4100 | 85 | 20000 | 2900 | 2755 | 46 | 1168 | 0.67 | 17 | 104 | 25 |
| 59198* | F28T5/50K/8/PS/G5/ELUME | 28 | Min Bipin | 5000 | 85 | 20000 | 2900 | 2755 | 46 | 1168 | 0.67 | 17 | 104 | 25 |

T5 HO Operates on program start ballasts

| Order code | Description | Watts (W) | Base | Colour temp. (K) | CRI | Average life (hrs) | Initial lumens (lm) | Mean lumens (lm) | Nominal length (in. / mm) | | Nominal diameter (in. / mm) | | Efficacy (lm/W) | Case qty |
|------------|----------------------------|-----------|-----------|------------------|-----|--------------------|---------------------|------------------|---------------------------|------|-----------------------------|----|-----------------|----------|
| 59193* | F24T5/35K/8/HO/PS/G5/ELUME | 24 | Min Bipin | 3500 | 85 | 20000 | 2000 | 1900 | 22 | 559 | 0.67 | 17 | 83 | 25 |
| 59194* | F24T5/41K/8/HO/PS/G5/ELUME | 24 | Min Bipin | 4100 | 85 | 20000 | 2000 | 1900 | 22 | 559 | 0.67 | 17 | 83 | 25 |
| 59195* | F24T5/50K/8/HO/PS/G5/ELUME | 24 | Min Bipin | 5000 | 85 | 20000 | 2000 | 1900 | 22 | 559 | 0.67 | 17 | 83 | 25 |
| 59199* | F39T5/35K/8/HO/PS/G5/ELUME | 39 | Min Bipin | 3500 | 85 | 20000 | 3500 | 3325 | 34 | 864 | 0.67 | 17 | 90 | 25 |
| 59200* | F39T5/41K/8/HO/PS/G5/ELUME | 39 | Min Bipin | 4100 | 85 | 20000 | 3500 | 3325 | 34 | 864 | 0.67 | 17 | 90 | 25 |
| 59201* | F39T5/50K/8/HO/PS/G5/ELUME | 39 | Min Bipin | 5000 | 85 | 20000 | 3500 | 3325 | 34 | 864 | 0.67 | 17 | 90 | 25 |
| 58735* | F54T5/35K/8/HO/PS/G5/ELUME | 54 | Min Bipin | 3500 | 82 | 20000 | 4950 | 4650 | 46 | 1168 | 0.67 | 17 | 92 | 25 |
| 58734* | F54T5/41K/8/HO/PS/G5/ELUME | 54 | Min Bipin | 4100 | 82 | 20000 | 4950 | 4650 | 46 | 1168 | 0.67 | 17 | 92 | 25 |
| 59202* | F54T5/50K/8/HO/PS/G5/ELUME | 54 | Min Bipin | 5000 | 85 | 20000 | 4950 | 4650 | 46 | 1168 | 0.67 | 17 | 92 | 25 |

Features

- Higher initial and maintained lumens than conventional T12 lamps
- Better colour rendering
- TCLP compliant*
- Available in a variety of colour temperatures

Applications

- Hotels
- Schools
- Ambient lighting (Living room, kitchen, under cabinet lighting)
- Retail stores
- Hospitals
- Offices



T8 Operates on preheat ballasts

| Order code | Description | Watts (W) | Base | Colour temp. (K) | CRI | Average life (hrs) | Initial lumens (lm) | Mean lumens (lm) | Nominal length (in.) (mm) | | Nominal diameter (in.) (mm) | | Efficacy (lm/W) | Case qty |
|------------|-----------------------|-----------|-----------|------------------|-----|--------------------|---------------------|------------------|---------------------------|-----|-----------------------------|----|-----------------|----------|
| 56514 | F15T8/CW/PH/G13/ELUME | 15 | Med Bipin | 4100 | 62 | 7500 | 610 | - | 18 | 457 | 0.98 | 25 | 41 | 100 |
| 56515 | F15T8/DL/PH/G13/ELUME | 15 | Med Bipin | 6500 | 79 | 7500 | 560 | - | 18 | 457 | 0.98 | 25 | 37 | 100 |

T8 Operates on T8 electronic ballasts

| Order code | Description | Watts (W) | Base | Colour temp. (K) | CRI | Average life (hrs) | Initial lumens (lm) | Mean lumens (lm) | Nominal length (in.) (mm) | | Nominal diameter (in.) (mm) | | Efficacy (lm/W) | Case qty |
|------------|--------------------------|-----------|-----------|------------------|-----|--------------------|---------------------|------------------|---------------------------|------|-----------------------------|----|-----------------|----------|
| 58700* | F32T8/35K/8/RS/G13/ELUME | 32 | Med Bipin | 3500 | 82 | 20000 | 2950 | 2800 | 48 | 1220 | 1 | 26 | 92 | 25 |
| 58699* | F32T8/41K/8/RS/G13/ELUME | 32 | Med Bipin | 4100 | 82 | 20000 | 2950 | 2800 | 48 | 1220 | 1 | 26 | 92 | 25 |
| 59636 | F32T8/50K/8/RS/G13/ELUME | 32 | Med Bipin | 5000 | 82 | 20000 | 2950 | 2800 | 48 | 1220 | 1 | 26 | 92 | 25 |
| 59637 | F32T8/30K/8/RS/G13/ELUME | 32 | Med Bipin | 3000 | 82 | 20000 | 2950 | 2800 | 48 | 1220 | 1 | 26 | 92 | 25 |



CIRCLINE Operates on electromagnetic rapid start ballasts

| Order code | Description | Watts (W) | Base | Colour temp. (K) | CRI | Average life (hrs) | Initial lumens (lm) | Mean lumens (lm) | Nominal length (in.) (mm) | | Nominal diameter (in.) (mm) | | Efficacy (lm/W) | Case qty |
|------------|-----------------------|-----------|----------------|------------------|-----|--------------------|---------------------|------------------|---------------------------|-----|-----------------------------|----|-----------------|----------|
| 56516 | FC8T9/CW/RS/4P/ELUME | 22 | Circline 4-Pin | 4100 | 62 | 6000 | 1150 | - | 9 | 229 | 0.98 | 25 | 52 | 20 |
| 56517 | FC12T9/CW/RS/4P/ELUME | 32 | Circline 4-Pin | 4100 | 62 | 6000 | 1570 | - | 12 | 305 | 0.98 | 25 | 49 | 20 |

Features

- Longer life
- Uses less energy
- Brighter than conventional lamps
- Available in a wide variety of shapes, colours, sizes and wattages

Applications

- Residential
- Retail stores
- Track lighting
- Jewelry boutiques
- Wall washing



GU10



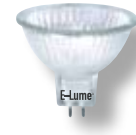
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JC



JD



MR16

GU10

| Order code | Description | Watts (W) | Base | Volts (V) | Finish | Beam angle (°) | Average life (hrs) | Mean lumens (lm) | MOL (in.) (mm) | | Case qty |
|------------|----------------------------|-----------|------|-----------|--------|----------------|--------------------|------------------|----------------|----|----------|
| 55563 | H50GU10/FL/2.5M/120V/ELUME | 50 | GU10 | 120 | Clear | 35 | 2 500 | 475 | 2.17 | 55 | 240 |

J

| Order code | Description | Watts (W) | Base | Volts (V) | Finish | Beam angle (°) | Average life (hrs) | Mean lumens (lm) | MOL (in.) (mm) | | Case qty |
|------------|--------------------------------|-----------|------|-----------|--------|----------------|--------------------|------------------|----------------|-----|----------|
| 55589 | H75T3/CL/2M/E11/130V/ELUME 2P | 75 | E11 | 130 | Clear | N/A | 2 000 | 1 200 | 2.44 | 62 | 120 |
| 55590 | H100T3/CL/2M/E11/130V/ELUME 2P | 100 | E11 | 130 | Clear | N/A | 2 000 | 1 650 | 2.44 | 62 | 120 |
| 55582 | H100T3/79mm/R7S/130V/ELUME 2P | 100 | R7S | 130 | Clear | N/A | 2 000 | 1 150 | 3.11 | 79 | 240 |
| 55583 | H150T3/79mm/R7S/130V/ELUME 2P | 150 | R7S | 130 | Clear | N/A | 2 000 | 2 280 | 3.11 | 79 | 240 |
| 55584 | H300T3/119mm/R7S/130V/ELUME 2P | 300 | R7S | 130 | Clear | N/A | 2 000 | 5 100 | 4.69 | 119 | 240 |
| 55585 | H500T3/119mm/R7S/130V/ELUME 2P | 500 | R7S | 130 | Clear | N/A | 2 000 | 9 450 | 4.69 | 119 | 240 |

JC

| Order code | Description | Watts (W) | Base | Volts (V) | Finish | Beam angle (°) | Average life (hrs) | Mean lumens (lm) | MOL (in.) (mm) | | Case qty |
|------------|------------------------------|-----------|--------|-----------|--------|----------------|--------------------|------------------|----------------|----|----------|
| 55586 | H10JC/2M/G4/12V/ELUME 2P | 10 | G4 | 12 | Clear | N/A | 2 000 | 95 | 1.22 | 31 | 120 |
| 55587 | H20JC/2M/G4/12V/ELUME 2P | 20 | G4 | 12 | Clear | N/A | 2 000 | 240 | 1.22 | 31 | 120 |
| 55588 | H50JC/2M/GY6.35/12V/ELUME 2P | 50 | GY6.35 | 12 | Clear | N/A | 2 000 | 785 | 1.22 | 31 | 120 |

JD

| Order code | Description | Watts (W) | Base | Volts (V) | Finish | Beam angle (°) | Average life (hrs) | Mean lumens (lm) | MOL (in.) (mm) | | Case qty |
|------------|--------------------------------|-----------|------|-----------|--------|----------------|--------------------|------------------|----------------|----|----------|
| 59227 | H40JD/42MM/CL/2M/G9/130V/ELUME | 40 | G9 | 130 | Clear | N/A | 2 000 | 450 | 1.66 | 42 | 1 000 |
| 59228 | H40JD/42MM/F/2M/G9/130V/ELUME | 40 | G9 | 130 | Frost | N/A | 2 000 | 450 | 1.66 | 42 | 1 000 |
| 59229 | H50JD/42MM/CL/2M/G9/130V/ELUME | 50 | G9 | 130 | Clear | N/A | 2 000 | 550 | 1.66 | 42 | 1 000 |
| 59225 | H50JD/42MM/F/2M/G9/130V/ELUME | 50 | G9 | 130 | Frost | N/A | 2 000 | 550 | 1.66 | 42 | 1 000 |

MR16

| Order code | Description | Watts (W) | Base | Volts (V) | Finish | Beam angle (°) | Average life (hrs) | Mean lumens (lm) | MOL (in.) (mm) | | Case qty |
|------------|----------------------------------|-----------|-------|-----------|--------|----------------|--------------------|------------------|----------------|----|----------|
| 55591 | H20MR16/FL/2M/GU5.3/12V/ELUME 2P | 20 | GU5.3 | 12 | Clear | 38 | 2 000 | 245 | 1.73 | 44 | 240 |
| 55592 | H35MR16/FL/2M/GU5.3/12V/ELUME 2P | 35 | GU5.3 | 12 | Clear | 38 | 2 000 | 950 | 1.73 | 44 | 240 |
| 55593 | H50MR16/FL/2M/GU5.3/12V/ELUME 2P | 50 | GU5.3 | 12 | Clear | 38 | 2 000 | 1 500 | 1.73 | 44 | 240 |
| 55594 | H50MR16/FL/CG/GU5.3/12V/ELUME 2P | 50 | GU5.3 | 12 | Clear | 38 | 2 000 | 630 | 1.73 | 44 | 240 |

Features

- Longer life
- Uses less energy
- Brighter than conventional lamps
- Available in a wide variety of shapes, colours, sizes and wattages

Applications

- Residential
- Retail stores
- Track lighting
- Jewelry boutiques
- Wall washing



PAR20



PAR30



PAR30LN



PAR38

PAR

| Order code | Description | Watts (W) | Base | Volts (V) | Finish | Beam angle (°) | Average life (hrs) | Mean lumens (lm) | MOL (in.) | MOL (mm) | Case qty |
|------------|------------------------------|-----------|------|-----------|--------|----------------|--------------------|------------------|-----------|----------|----------|
| 55564 | H50PAR20/NFL/2.5M/120V/ELUME | 50 | E26 | 120 | Clear | 30 | 2 500 | 550 | 3.23 | 82 | 120 |
| 55565 | H50PAR20/NFL/5M/130V/ELUME | 50 | E26 | 130 | Clear | 30 | 5 000 | 550 | 3.23 | 82 | 120 |
| 57655 | H50PAR30/FL/5M/130V/ELUME | 50 | E26 | 130 | Clear | 35 | 5 000 | 660 | 3.66 | 93 | 15 |
| 57656 | H75PAR30/FL/5M/130V/ELUME | 75 | E26 | 130 | Clear | 35 | 5 000 | 1 100 | 3.66 | 93 | 15 |
| 57657 | H75PAR30/LN/FL/5M/130V/ELUME | 75 | E26 | 130 | Clear | 35 | 5 000 | 1 100 | 4.80 | 122 | 15 |
| 57654 | H90PAR38/FL/5M/130V/ELUME | 90 | E26 | 130 | Clear | 30 | 5 000 | 1 270 | 5.31 | 135 | 15 |

NEW E-Lume Satin lamps offer comfortable lighting while softening the appearance of dark lines and shadows. An overall gentle effect can be achieved when using these lamps. Ideal for soft, even, lighting applications.

Features

- Uses 80% less energy than incandescent lamps
- Uniform and glare-free lighting
- Diminishes dark lines and shadows
- Indoor or outdoor use

Applications

- Residential
- Retail
- Commercial
- Ambient lighting



PAR20



PAR30



PAR30LN



PAR38

SATIN PAR

| Order code | Description | Watts (W) | Base | Volts (V) | Finish | Average life (hrs) | Mean lumens (lm) | MOL (in.) | MOL (mm) | Case qty |
|------------|------------------------------------|-----------|--------|-----------|--------|--------------------|------------------|-----------|----------|----------|
| 59753 | H50PAR20/NFL/5M/130V/ELUME SAT | 50 | E26 | 130 | Frost | 5 000 | 500 | 3.23 | 82 | 15 |
| 59751 | H50PAR20/NFL/2.5M/120V/ELUME SAT | 50 | E26 | 120 | Frost | 2 500 | 450 | 3.23 | 82 | 15 |
| 59754 | H75PAR30/FL/5M/130V/ELUME SAT | 75 | E26 | 130 | Frost | 5 000 | 950 | 3.66 | 93 | 15 |
| 59755 | H75PAR30/LN/FL/5M/130V/ELUME SAT | 75 | E26 | 130 | Frost | 5 000 | 950 | 4.80 | 122 | 15 |
| 59750 | H90PAR38/FL/MS/5M/130V/ELUME SAT | 90 | E26SKT | 130 | Frost | 5 000 | 1 150 | 5.31 | 135 | 15 |
| 59756 | H90PAR38/FL/MS/2.5M/120V/ELUME SAT | 90 | E26SKT | 120 | Frost | 2 500 | 1 150 | 5.31 | 135 | 15 |

Features

- Soft pleasant light
- Fit most type of lamps
- Excellent lumen maintenance
- Excellent CRI (97)
- Decorative
- Dimmable
- Instant on

Applications

- Residential
- Restaurants
- Marquees
- Track lighting
- Office buildings
- Architectural signage
- Hotels
- Retail stores
- Decorative lighting



A19

| Order code | Description | Watts | Base | Volts | Finish | Filament | Average life (hrs) | Initial lumens (lm) | LCL | | MOL | | Case qty |
|------------|---------------------------|-------|------|-------|--------|----------|--------------------|---------------------|-------|------|-------|------|----------|
| | | (W) | | (V) | | | | | (in.) | (mm) | (in.) | (mm) | |
| 52448 | 40A19/F/6M/130V/ELUME 6P | 40 | E26 | 130 | Frost | CC-6/C-9 | 6 000 | 285 | 3.10 | 79 | 4.25 | 108 | 120 |
| 52451 | 60A19/F/1M/120V/ELUME 6P | 60 | E26 | 120 | Frost | CC-6/C-9 | 1 000 | 820 | 3.10 | 79 | 4.25 | 108 | 120 |
| 52449 | 60A19/F/6M/130V/ELUME 6P | 60 | E26 | 130 | Frost | CC-6/C-9 | 6 000 | 635 | 3.10 | 79 | 4.25 | 108 | 120 |
| 57626 | 60A19/CL/6M/130V/ELUME 6P | 60 | E26 | 130 | Clear | CC-6/C-9 | 6 000 | 655 | 3.10 | 79 | 4.25 | 108 | 120 |
| * 52450 | 100A19/F/6M/130V/ELUME 6P | 100 | E26 | 130 | Frost | CC-6/C-9 | 6 000 | 1 200 | 3.10 | 79 | 4.25 | 108 | 120 |

BR30

| Order code | Description | Watts | Base | Volts | Finish | Filament | Average life (hrs) | Initial lumens (lm) | LCL | | MOL | | Case qty |
|------------|-------------------------------|-------|------|-------|--------|----------|--------------------|---------------------|-------|------|-------|------|----------|
| | | (W) | | (V) | | | | | (in.) | (mm) | (in.) | (mm) | |
| 52452 | 65BR30/FL/5M/ES/130V/ELUME 2P | 65 | E26 | 130 | Frost | CC-6 | 5 000 | 590 | 4 | 101 | 5.12 | 130 | 60 |

G16.5

| Order code | Description | Watts | Base | Volts | Finish | Filament | Average life (hrs) | Initial lumens (lm) | LCL | | MOL | | Case qty |
|------------|---------------------------------|-------|------|-------|--------|----------|--------------------|---------------------|-------|------|-------|------|----------|
| | | (W) | | (V) | | | | | (in.) | (mm) | (in.) | (mm) | |
| 52453 | 25G16.5/CL/3M/E12/130V/ELUME 2P | 25 | E12 | 130 | Clear | C-7A | 3 000 | 160 | 1.89 | 48 | 2.87 | 73 | 60 |
| 52454 | 40G16.5/CL/3M/E12/130V/ELUME 2P | 40 | E12 | 130 | Clear | C-7A | 3 000 | 315 | 1.89 | 48 | 2.87 | 73 | 120 |

G25

| Order code | Description | Watts | Base | Volts | Finish | Filament | Average life (hrs) | Initial lumens (lm) | LCL | | MOL | | Case qty |
|------------|---------------------------|-------|------|-------|--------|----------|--------------------|---------------------|-------|------|-------|------|----------|
| | | (W) | | (V) | | | | | (in.) | (mm) | (in.) | (mm) | |
| 52455 | 40G25/CL/3M/130V/ELUME 2P | 40 | E26 | 130 | Clear | C-9 | 3 000 | 350 | 2.87 | 73 | 4.52 | 115 | 60 |
| 52457 | 40G25/WH/3M/130V/ELUME 2P | 40 | E26 | 130 | White | C-9 | 3 000 | 330 | 2.87 | 73 | 4.52 | 115 | 60 |
| 52456 | 60G25/CL/3M/130V/ELUME 2P | 60 | E26 | 130 | Clear | C-9 | 3 000 | 645 | 2.87 | 73 | 4.52 | 115 | 60 |
| 52458 | 60G25/WH/3M/130V/ELUME 2P | 60 | E26 | 130 | White | C-9 | 3 000 | 610 | 2.87 | 73 | 4.52 | 115 | 60 |

R16

| Order code | Description | Watts | Base | Volts | Finish | Filament | Average life (hrs) | Initial lumens (lm) | LCL | | MOL | | Case qty |
|------------|---------------------------|-------|------|-------|------------|----------|--------------------|---------------------|-------|------|-------|------|----------|
| | | (W) | | (V) | | | | | (in.) | (mm) | (in.) | (mm) | |
| 52459 | 40R16/SW/1M/120V/ELUME 2P | 40 | E26 | 120 | Soft White | CC-6 | 1 000 | 445 | 3.03 | 77 | 3.46 | 88 | 60 |
| 52460 | 60R16/SW/1M/130V/ELUME 2P | 60 | E26 | 130 | Soft White | CC-6 | 1 000 | 730 | 3.03 | 77 | 3.46 | 88 | 60 |

R20

| Order code | Description | Watts | Base | Volts | Finish | Filament | Average life (hrs) | Initial lumens (lm) | LCL | | MOL | | Case qty |
|------------|---------------------------|-------|------|-------|--------|----------|--------------------|---------------------|-------|------|-------|------|----------|
| | | (W) | | (V) | | | | | (in.) | (mm) | (in.) | (mm) | |
| 52462 | 30R20/FL/5M/130V/ELUME 2P | 30 | E26 | 130 | Frost | C-9 | 5 000 | 135 | 2.56 | 65 | 3.93 | 100 | 60 |
| 52461 | 50R20/FL/5M/130V/ELUME 2P | 50 | E26 | 130 | Frost | C-9/5 | 5 000 | 270 | 2.56 | 65 | 3.93 | 100 | 60 |
| 52463 | 75R20/FL/5M/130V/ELUME 2P | 75 | E26 | 130 | Frost | C-9/5 | 5 000 | 540 | 2.56 | 65 | 3.93 | 100 | 60 |

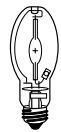
* Not for sale in British Columbia as per BC Energy Efficiency Act Standards on General Service Lighting.

Features

- Metal halide lamps offer long life, high lumen output, and energy efficiency
- Available in both pulse start and traditional metal halide
- Offered in different wattages to accommodate different applications

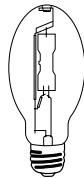
Applications

- Security lighting
- Parking garages
- Warehouses



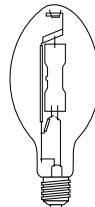
BD17

Dia.=2.125" (54 mm)
MOL=5.4375" (138 mm)
LCL=3.375" (86 mm)



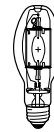
ED28

Dia.=3.5" (90 mm)
MOL=8.3125" (211 mm)
LCL=5" (127 mm)



ED37

Dia.=4.625" (120 mm)
MOL=11.5" (292 mm)
LCL=7" (178 mm)



EDX17

Dia.=2.13" (54 mm)
MOL=5.44" (138 mm)
LCL=3.38" (86 mm)



PULSE START

| Order code | Description | Watts (W) | Base | Shape | Colour temp. (K) | ANSI code | CRI | Average life (hrs) | Initial lumens (lm) | Mean lumens (lm) | Burn pos. | Finish | Luminaire | Case qty |
|------------|--------------------------|-----------|------|-------|------------------|-----------|-----|--------------------|---------------------|------------------|-----------|--------|-----------|----------|
| 58514 | MH70W/C/U/PS/ELUME | 70 | E26 | BD17 | 3700 | M98/E | 70 | 15 000 | 5 300 | 3 400 | U | Coated | Enclosed | 24 |
| 58508 | MH70W/U/PS/ELUME | 70 | E26 | BD17 | 4000 | M98/E | 65 | 15 000 | 5 600 | 3 600 | U | Clear | Enclosed | 24 |
| 58517 | MH100W/C/U/PS/ELUME | 100 | E26 | BD17 | 3700 | M90/E | 70 | 15 000 | 8 500 | 5 500 | U | Coated | Enclosed | 24 |
| 58522 | MH100W/U/PS/ELUME | 100 | E26 | BD17 | 4000 | M90/E | 65 | 15 000 | 9 000 | 5 900 | U | Clear | Enclosed | 24 |
| 58510 | MP100W/U/UVS/PS/ELUME | 100 | E26 | EDX17 | 4000 | M90/O | 65 | 15 000 | 8 500 | 5 500 | U | Clear | Open | 24 |
| 58511 | MH150W/U/PS/740/ELUME | 150 | E26 | BD17 | 4000 | M102/E | 65 | 15 000 | 14 000 | 10 500 | U | Clear | Enclosed | 24 |
| 58521 | MP150/U/UVS/PS/740/ELUME | 150 | E26 | EDX17 | 4000 | M102/O | 65 | 15 000 | 13 300 | 10 000 | U | Clear | Open | 24 |

TRADITIONAL

| Order code | Description | Watts (W) | Base | Shape | Colour temp. (K) | ANSI code | CRI | Average life (hrs) | Initial lumens (lm) | Mean lumens (lm) | Burn pos. | Finish | Luminaire | Case qty |
|------------|--------------------|-----------|------|-------|------------------|-----------|-----|--------------------|---------------------|------------------|-----------|--------|-----------|----------|
| 58516 | MH175W/U/MED/ELUME | 175 | E26 | BD17 | 4000 | M57/E | 65 | 10 000 | 14 000 | 9 100 | U | Clear | Enclosed | 24 |
| 58509 | MH175W/U/ELUME | 175 | E39 | ED28 | 4000 | M57/E | 65 | 10 000 | 14 000 | 9 100 | U | Clear | Enclosed | 12 |
| 58503 | MH250W/U/ELUME | 250 | E39 | ED28 | 4000 | M58/E | 65 | 10 000 | 21 000 | 13 700 | U | Clear | Enclosed | 12 |
| 58518 | MH400W/U/ELUME | 400 | E39 | ED37 | 4000 | M59/E | 65 | 20 000 | 36 000 | 23 000 | U | Clear | Enclosed | 6 |



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