

See colour. Live colour. Love colour.

With GE's Ultimate ConstantColor™ CMH Lamps



GE imagination at work

We put more colour into the world

ConstantColor™ ceramic metal halide lighting brings the world to life in glorious colour. Our pioneering lamps are the lighting of choice in the retail sector, from general display to precision presentations, such as for jewellery and cosmetics. ConstantColor™ CMH illuminates merchandise to the best possible effect for an outstanding in-store experience that attracts customers and helps improve sales performance.

It's the exceptional colour rendition persisting throughout the life of the lamp that makes GE ConstantColor™ CMH so unique and special. But that's not the only advantage offered by our superb CMH technology across our Ultra and Standard ranges. Thanks to superior long life and lumen performance, you can always be sure of reduced operating and replacement costs.



NEW
for 2011



Delivering the highest quality of light

CMH Ultra White 70W G8.5 and G12

Take a look at our exciting new CMH Ultra White 70W G8.5 and G12 lamps - a breakthrough in colour perception.

Their performance, lumen output and reliability equal that of the CMH Ultra range, with colour temperature the same as the 35W Ultra. Yet these lamps benefit from optimised dose composition for a more outstanding white colour!

Compared to our original Ultra 70W, the improved colour point of the Ultra White 70W can target higher colour temperatures (~3000K) for a crisper white colour perception. Ultra White enhances all retail applications where accurate perception of colour is crucial, especially in merchandise displays. Even red and blue colours look more vivid!



Eye-catching, attractive retail displays

CMH Ultra 35W and 70W G8.5 and G12

Ultra long life

GE's ConstantColor™ CMH Ultra 35W and 70W lamps have been specifically created with retail environments in mind to help you save on maintenance. These new generation lamps provide an extra long life of 15,000 hours and over four times the efficiency of halogen lamps! This means significantly improved lumen maintenance and enhanced quality of light. The lamps are also robust in a hot environment.

CMH Ultra is the obvious choice for new store fits, but also perfect for existing retail environments using CMH fittings with electronic or electromagnetic ballasts.



Benefits

- 35W and 70W 3000K CMH lamps in G12 and G8.5 formats
- Excellent CRI performance
- Superior lumen maintenance with increased light output
- 930 colour gives a true representation of all colours in the spectrum and right ambience
- Can be used in existing CMH 35W or 70W, G12 or G8.5 systems
- 70W compatible with both electronic and electromagnetic ballast, 35W compatible with electronic ballasts as per the approved ballast list

Ultra colour quality

Colour of light is as important as the quantity of light, and is everything to a successful store. Customers are attracted by seeing goods in their true colours and by environments that create an ambience appropriate to the retail brand.

GE CMH Ultra lamps provide superior colour rendering and consistent colour uniformity. Stunning 930 colour light output brings reds, yellows and browns vividly to life. And with minimal lamp-to-lamp colour variation, you can be sure of consistency throughout the store.

Applications

- Retail and accent lighting
- General retail display
- Wherever standard CMH 35W and 70W, G12 and G8.5 products are in use



35W G12



35W G8.5

Ultra low ownership costs

Products and merchandise will be lit better for longer. GE Ultra technology offers the highest lumen maintenance of the entire low watt CMH lamp range. You can assume extending relamping cycles by at least one year, which means welcome savings on maintenance costs.

Even at the end of the lamp's rated life, the lumen output is up to 33% more than with our standard range.

Ultra really is the ultimate choice for extra performance.



70W G12

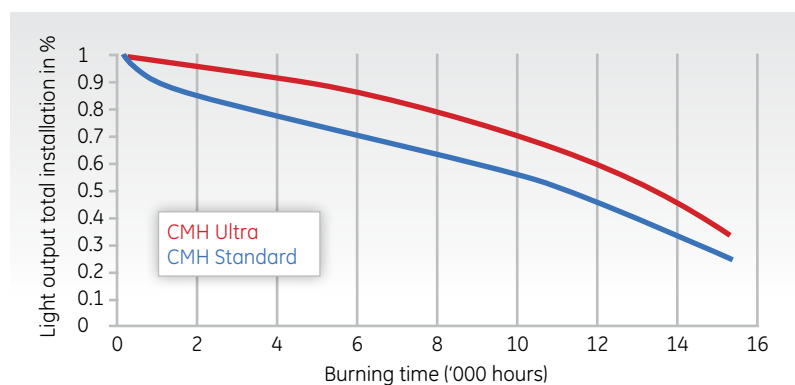


70W G8.5



Service life

All GE CMH products have long service life but when extra performance is required, Ultra is the clear choice, maintaining a consistently higher light output throughout life.





Mini size. Maxi savings.

Supermini and MR16 miniature range

Energy saving is not only a cost saving but is also a social responsibility. GE pioneers research into products that can make the world a better place by producing more light using less electricity.

One such innovation is our exceptional CMH Supermini range. Coupled with an efficient spotlight fixture, Superminis yield massive energy savings because they generate extremely high luminous flux in a very small space. For retail environments, this provides a significant saving with no loss of lighting quality.

The 35W Supermini light is crisper and stronger compared to 100W tungsten halogen display lamps, while CMH Precise MR16 lamps offer multiple beam spreads for a wide range of options and lighting angles.

- Outstanding efficiency - four times better than halogen
- Excellent long life - up to 15,000 hours
- Robust and reliable
- Stable colour throughout lamp life
- Enables better optical design
- Simple ballast and lamp holder change

Ultra versions now available!

Imagine all the benefits of Ultra in a miniaturised version! Our exciting new Ultra versions of the 35W Supermini and MR16 lamps are now available, with an industry-leading life of 15,000 hours in vertical +/- 60° burning position.

The power of Supermini over halogen

Great energy savings plus exceptionally long life result in big savings on ownership costs for typical retail environments – as these figures show.

The CMH Supermini range is the ideal replacement for halogen lighting. A 50W tungsten halogen lamp converts just 7% of energy used into light: the rest emerges as heat. Yet a 20W CMH lamp yields the same light output and converts 25% of the energy used into light!



Savings per year

**1500 x 20W CMH vs 2700 x 50W Halogen
(Same light level)**

| | |
|---------------------------|------------|
| Cost saving | €47,180 |
| Energy saving (lighting) | 118 kW |
| Payback time | 1-1½ years |
| CO ₂ reduction | 250 tonne |

(Assumes 0.536 kg CO₂ emission per kWh)

The ultimate lighting machines

CMH Electronic Standard and Miniature Ballasts

Our range of electronic HID ballasts is designed to allow optimal performance of our range of ConstantColor™ CMH lamps.

They offer reduced power consumption, regulated power through life, simplified circuitry and more stable lamp operation compared to electromagnetic systems.

What's more, we offer five-year warranties.

Additional energy savings and superior lumen performance – in miniature

Our range now includes a miniature range of 20-35 Watt ballasts, as small as any others on the market. These are available in integral and remote versions to be compatible with all types of CMH 20-35 Watt lamps.

Advantages of electronic ballasts

- Good regulation against supply voltage variation
- Improved lamp colour consistency
- Elimination of lamp flicker
- Reduced weight of control gear
- Reduced electrical power losses
- Ballast noise reduced/eliminated
- Single piece compact unit
- Reduced wiring complexity in the luminaire

Features

- Power Factor correction
- Integral version with open terminals for embodiment into luminaire
- Remote versions with terminal cover and cable strain relief and also with lead for location outside the luminaire
- Remote version can be used up to 2m away from lamp
- Automatic lamp failure shut-down

CMH Miniature Ballasts - 20/35 Watt versions

Integral



Remote



CMH Standard Ballasts - 35/70 Watt versions

Integral



Remote



GE's range of electronic HID ballasts

- Ensure the optimal performance of ConstantColor™ CMH lamps
- Reduce power consumption
- Regulate power throughout each product's life
- Offer simplified circuitry and more stable lamp operation (compared to electromagnetic systems)



2009 GE Edison Award Winner
Photography by: Lukas Roth

The CMH range

Single Ended Supermini



| Wattage [W] | Colour | Length [mm] | Product Description | CCT [K] | CRI [Ra] | Initial Lumen [lm] | Cap | Rated avg. life horizontal [h] | Rated avg. life vertical [h] | Pack qty. | Product Code |
|-------------|--------|-------------|---------------------------------|---------|----------|--------------------|-------|--------------------------------|------------------------------|-----------|--------------|
| 20 | WDL | 52 | CMH20/T/UVC/830/GU6.5 | 3000 | 81+ | 1615 | GU6.5 | 12,000 | 12,000 | 12 | 40399 |
| 35 | WDL | 52 | CMH35/T/UVC/930/GU6.5 | 3000 | 88 | 3400 | GU6.5 | 10,000* | 10,000* | 12 | 88656 |
| 35 | WDL | 52 | CMH35/T/UVC/V60/930/GU6.5 Ultra | 3000 | 88 | 3500 | GU6.5 | N/A | 15,000** | 12 | 76122 |
| 35 | NDL | 52 | CMH35/T/UVC/942/GU6.5 | 4200 | 90 | 3400 | GU6.5 | 12,000* | 12,000* | 12 | 88657 |

* Initial rating at launch, testing continues to establish final design life **Vertical +/- 60 degrees

MR16



| Wattage [W] | Colour | Length [mm] | Product Description | CCT [K] | CRI [Ra] | Initial Lumen [lm] (candela [cd]) | Cap | Rated avg. life horizontal [h] | Rated avg. life vertical [h] | Pack qty. | Product Code |
|-------------|--------|-------------|-----------------------------------|---------|----------|-----------------------------------|------|--------------------------------|------------------------------|-----------|--------------|
| 20 | WDL | 54.5 | CMH20/MR16/UVC/830/GX10/SP | 3000 | 80 | 1000 (9000) | GX10 | 12,000 | 12,000 | 12 | 40400 |
| 20 | WDL | 54.5 | CMH20/MR16/UVC/830/GX10/FL | 3000 | 80 | 1000 (2900) | GX10 | 12,000 | 12,000 | 12 | 40401 |
| 20 | NDL | 54.5 | CMH20/MR16/UVC/830/GX10/WFL | 3000 | 80 | 1000 (1500) | GX10 | 12,000 | 12,000 | 12 | 42691 |
| 35 | WDL | 54.5 | CMH35/MR16/UVC/930/GX10/SP | 3000 | 90 | 2200 (16000) | GX10 | 10,000* | 10,000* | 12 | 88658 |
| 35 | WDL | 54.5 | CMH35/MR16/UVC/930/GX10/FL | 3000 | 90 | 2200 (5500) | GX10 | 10,000* | 10,000* | 12 | 88659 |
| 35 | WDL | 54.5 | CMH35/MR16/UVC/930/GX10/WFL | 3000 | 90 | 2200 (3000) | GX10 | 10,000* | 10,000* | 12 | 88660 |
| 35 | WDL | 54.5 | CMH35/MR16/UVC/930/GX10/SPUltra | 3000 | 90 | 2200 (16000) | GX10 | N/A | 15,000** | 12 | 76123 |
| 35 | WDL | 54.5 | CMH35/MR16/UVC/930/GX10/FL Ultra | 3000 | 90 | 2200 (5500) | GX10 | N/A | 15,000** | 12 | 76124 |
| 35 | WDL | 54.5 | CMH35/MR16/UVC/930/GX10/WFL Ultra | 3000 | 90 | 2200 (3000) | GX10 | N/A | 15,000** | 12 | 76125 |
| 35 | NDL | 54.5 | CMH35/MR16/UVC/942/GX10/SP | 4200 | 92 | 2200 (16000) | GX10 | 12,000* | 12,000* | 12 | 88661 |
| 35 | NDL | 54.5 | CMH35/MR16/UVC/942/GX10/FL | 4200 | 92 | 2200 (5500) | GX10 | 12,000* | 12,000* | 12 | 88662 |
| 35 | NDL | 54.5 | CMH35/MR16/UVC/942/GX10/WFL | 4200 | 92 | 2200 (3000) | GX10 | 12,000* | 12,000* | 12 | 88663 |

* Initial rating at launch, testing continues to establish final design life **Vertical +/- 60 degrees

Single Ended Mini G8.5



| Wattage [W] | Colour | Length [mm] | Product Description | CCT [K] | CRI [Ra] | Initial Lumen [lm] | Cap | Rated avg. life horizontal [h] | Rated avg. life vertical [h] | Pack qty. | Product Code |
|-------------|--------|-------------|-------------------------------------|---------|----------|--------------------|------|--------------------------------|------------------------------|-----------|--------------|
| 20 | WDL | 85 | CMH20/TC/UVC/U/830/G8.5 Plus | 3000 | 80+ | 1650 | G8.5 | 12,000 | 12,000 | 12 | 39858 |
| 35 | WDL | 85 | CMH35/TC/UVC/U/830/G8.5 Plus | 3000 | 80+ | 3400 | G8.5 | 16,500 | 16,500 | 12 | 43273 |
| 35 | NDL | 85 | CMH35/TC/UVC/U/942/G8.5 | 4200 | 88+ | 3200 | G8.5 | 18,000 | 18,000 | 12 | 26348 |
| 35 | WDL | 85 | CMH35/TC/UVC/V60/930/G8.5 Ultra | 3000 | 87 | 3500 | G8.5 | N/A | 15,000* | 12 | 76120 |
| 70 | WDL | 85 | CMH70/TC/UVC/U/830/G8.5 Plus | 3000 | 80+ | 6450 | G8.5 | 15,000 | 15,000 | 12 | 43274 |
| 70 | NDL | 85 | CMH70/TC/UVC/U/942/G8.5 | 4200 | 90+ | 6200 | G8.5 | 15,000 | 15,000 | 12 | 26349 |
| 70 | WDL | 85 | CMH70/TC/UVC/U/930/G8.5 Ultra | 3000 | 88 | 6200 | G8.5 | 15,000 | 15,000 | 12 | 96751 |
| 70 | WDL | 85 | CMH70/TC/UVC/U/930/G8.5 Ultra White | 3000 | 88 | 6200 | G8.5 | 15,000 | 15,000 | 12 | 63595 |

*Vertical +/- 60 degrees

Single Ended G12



| Wattage [W] | Colour | Length [mm] | Product Description | CCT [K] | CRI [Ra] | Initial Lumen [lm] | Cap | Rated avg. life horizontal [h] | Rated avg. life vertical [h] | Pack qty. | Product Code |
|-------------|--------|-------------|-----------------------------------|---------|----------|--------------------|-----|--------------------------------|------------------------------|-----------|--------------|
| 20 | WDL | 90 | CMH20/T/UVC/U/830/G12 Plus | 3000 | 80+ | 1650 | G12 | 12,000 | 12,000 | 12 | 42708 |
| 35 | WDL | 90 | CMH35/T/UVC/U/830/G12 Plus | 3000 | 80+ | 3400 | G12 | 16,500 | 16,500 | 12 | 43272 |
| 35 | NDL | 90 | CMH35/T/UVC/U/942/G12 | 4200 | 85+ | 3200 | G12 | 18,000 | 18,000 | 12 | 92141 |
| 35 | WDL | 90 | CMH35/T/UVC/V60/930/G12 Ultra | 3000 | 87 | 3500 | G12 | N/A | 15,000* | 12 | 76121 |
| 70 | WDL | 90 | CMH70/T/UVC/U/830/G12 | 3000 | 80+ | 6200 | G12 | 15,000 | 15,000 | 12 | 20005 |
| 70 | NDL | 90 | CMH70/T/UVC/U/942/G12 | 4200 | 90+ | 6300 | G12 | 15,000 | 15,000 | 12 | 20013 |
| 70 | WDL | 90 | CMH70/T/UVC/U/930/G12 Ultra | 3000 | 87 | 6400 | G12 | 15,000 | 15,000 | 12 | 96752 |
| 70 | WDL | 90 | CMH70/T/UVC/U/930/G12 Ultra White | 3000 | 87 | 6400 | G12 | 15,000 | 15,000 | 12 | 63596 |
| 150 | WDL | 100 | CMH150/T/UVC/U/830/G12 | 3000 | 80+ | 14000 | G12 | 12,000 | 12,000 | 12 | 20012 |
| 150 | NDL | 100 | CMH150/T/UVC/U/942/G12 | 4200 | 90+ | 13000 | G12 | 12,000 | 12,000 | 12 | 20014 |

*Vertical +/- 60 degrees

Double Ended TD



| Wattage [W] | Colour | Length [mm] | Product Description | CCT [K] | CRI [Ra] | Initial Lumen [lm] | Cap | Rated avg. life horizontal [h] | Rated avg. life vertical [h] | Pack qty. | Product Code |
|-------------|--------|-------------|---------------------------|---------|----------|--------------------|---------|--------------------------------|------------------------------|-----------|--------------|
| 35 | WDL | 118 | CMH35/TD/UVC/830/RX7s | 3000 | 80+ | 3400 | RX7s | 15,000 | N/A | 12 | 43278 |
| 70 | WDL | 118 | CMH70/TD/UVC/830/RX7s | 3000 | 80+ | 7000 | RX7s | 15,000 | N/A | 12 | 36910 |
| 70 | NDL | 118 | CMH70/TD/UVC/942/RX7s | 4200 | 90+ | 6200 | RX7s | 15,000 | N/A | 12 | 38698 |
| 150 | WDL | 135 | CMH150/TD/UVC/830/RX7s-24 | 3000 | 80+ | 14500 | RX7s-24 | 15,000 | N/A | 12 | 36912 |
| 150 | NDL | 135 | CMH150/TD/UVC/942/RX7s-24 | 4200 | 90+ | 12500 | RX7s-24 | 15,000 | N/A | 12 | 38692 |

PAR 20



| Wattage [W] | Colour | Length [mm] | Product Description | CCT [K] | CRI [Ra] | Initial Lumen [lm] (candela [cd]) | Cap | Rated avg. life horizontal [h] | Rated avg. life vertical [h] | Pack qty. | Product Code |
|-------------|--------|-------------|------------------------------|---------|----------|-----------------------------------|-----|--------------------------------|------------------------------|-----------|--------------|
| 20 | WDL | 92 | CMH20PAR20/UVC/830/E27/SP10 | 3000 | 80+ | 1000 (13000) | E27 | 12,000 | 12,000 | 15 | 26478 |
| 20 | WDL | 92 | CMH20PAR20/UVC/830/E27/FL25 | 3000 | 80+ | 1000 (3750) | E27 | 12,000 | 12,000 | 15 | 26481 |
| 35 | WDL | 92 | CMH35/PAR20/UVC/830/E27/SP10 | 3000 | 80+ | 2100 (22000) | E27 | 10,000 | 10,000 | 15 | 21684 |
| 35 | WDL | 92 | CMH35/PAR20/UVC/830/E27/FL25 | 3000 | 80+ | 2100 (7500) | E27 | 10,000 | 10,000 | 15 | 21685 |
| 35 | NDL | 92 | CMH35/PAR20/UVC/942/E27/SP10 | 4200 | 90+ | 1950 (19450) | E27 | 10,000 | 10,000 | 15 | 44890 |
| 35 | NDL | 92 | CMH35/PAR20/UVC/942/E27/FL25 | 4200 | 90+ | 1950 (6950) | E27 | 10,000 | 10,000 | 15 | 44919 |

PAR 30

| Wattage [W] | Colour | Length [mm] | Product Description | CCT [K] | CRI [Ra] | Initial Lumen [lm] (candela [cd]) | Cap | Rated avg. life horizontal [h] | Rated avg. life vertical [h] | Pack qty. | Product Code |
|-------------|--------|-------------|------------------------------|---------|----------|-----------------------------------|-----|--------------------------------|------------------------------|-----------|--------------|
| 20 | WDL | 124 | CMH20PAR30/UVC/830/E27/SP10 | 3000 | 80+ | 1200 (19800) | E27 | 12,000 | 12,000 | 6 | 26497 |
| 20 | WDL | 124 | CMH20PAR30/UVC/830/E27/FL25 | 3000 | 80+ | 1200 (4900) | E27 | 12,000 | 12,000 | 6 | 26518 |
| 35 | WDL | 124 | CMH35/PAR30/UVC/830/E27/SP10 | 3000 | 80+ | 2400 (39600) | E27 | 10,000 | 10,000 | 6 | 21689 |
| 35 | WDL | 124 | CMH35/PAR30/UVC/830/E27/FL25 | 3000 | 80+ | 2400 (11000) | E27 | 10,000 | 10,000 | 6 | 21690 |
| 35 | NDL | 124 | CMH35/PAR30/UVC/942/E27/SP10 | 4200 | 89 | 2225 (36700) | E27 | 10,000 | 10,000 | 6 | 44939 |
| 35 | NDL | 124 | CMH35/PAR30/UVC/942/E27/FL25 | 4200 | 89 | 2225 (10200) | E27 | 10,000 | 10,000 | 6 | 44942 |
| 70 | WDL | 124 | CMH70/PAR30/UVC/830/E27/SP15 | 3000 | 80+ | 4700 (43000) | E27 | 13,000 | 13,000 | 6 | 21683 |
| 70 | WDL | 124 | CMH70/PAR30/UVC/830/E27/FL40 | 3000 | 80+ | 4700 (10000) | E27 | 13,000 | 13,000 | 6 | 21682 |
| 70 | NDL | 124 | CMH70/PAR30/UVC/942/E27/SP15 | 4200 | 89 | 4300 (33500) | E27 | 10,000 | 10,000 | 6 | 74620 |
| 70 | NDL | 124 | CMH70/PAR30/UVC/942/E27/FL40 | 4200 | 89 | 4300 (9000) | E27 | 10,000 | 10,000 | 6 | 74619 |



Elliptical Clear

| Wattage [W] | Colour | Length [mm] | Product Description | CCT [K] | CRI [Ra] | Initial Lumen [lm] | Cap | Rated avg. life horizontal [h] | Rated avg. life vertical [h] | Pack qty. | Product Code |
|-------------|--------|-------------|--------------------------|---------|----------|--------------------|-----|--------------------------------|------------------------------|-----------|--------------|
| 70 | WDL | 137 | CMH70/E/UVC/U/830/E27/C | 3000 | 80+ | 6300 | E27 | 15,000 | 15,000 | 6 | 46189 |
| 100 | WDL | 137 | CMH100/E/UVC/U/830/E27/C | 3000 | 80+ | 9200 | E27 | 15,000 | 15,000 | 6 | 46191 |
| 150 | NDL | 137 | CMH150/UVC/O/U/942/E27/C | 4200 | 90 | 13200 | E27 | 15,000 | 15,000 | 6 | 43285 |



Elliptical Diffuse

| Wattage [W] | Colour | Length [mm] | Product Description | CCT [K] | CRI [Ra] | Initial Lumen [lm] | Cap | Rated avg. life horizontal [h] | Rated avg. life vertical [h] | Pack qty. | Product Code |
|-------------|--------|-------------|--------------------------|-----------|----------|--------------------|-----|--------------------------------|------------------------------|-----------|--------------|
| 70 | WDL | 137 | CMH70/E/UVC/U/830/E27/D | 3000 | 80+ | 6000 | E27 | 15,000 | 15,000 | 6 | 46187 |
| 70 | NDL | 137 | CMH70/UVC/O/U/940/E27/D | 4000 | 90 | 5300 | E27 | 15,000 | 15,000 | 6 | 43282 |
| 100 | WDL | 137 | CMH100/E/UVC/U/830/E27/D | 3000 | 80+ | 8700 | E27 | 10,000 | 10,000 | 6 | 46194 |
| 150 | NDL | 137 | CMH150/UVC/O/U/940/E27/D | 4000 | 90 | 12300 | E27 | 15,000 | 15,000 | 6 | 43286 |
| 250 | WDL | 251 | CMH250/E/UVC/U/830/E40/D | 3000 | 80+ | 23500 | E40 | 24,000 | 24,000 | 6 | 10591 |
| 400 | WDL | 280 | CMH400/E/UVC/U/830/E40/D | 3000/3600 | 80+ | 39000 | E40 | 20,000 | 20,000 | 6 | 13087 |



Tubular Clear

| Wattage [W] | Colour | Length [mm] | Product Description | CCT [K] | CRI [Ra] | Initial Lumen [lm] | Cap | Rated avg. life horizontal [h] | Rated avg. life vertical [h] | Pack qty. | Product Code |
|-------------|--------|-------------|--------------------------|-----------|----------|--------------------|-----|--------------------------------|------------------------------|-----------|--------------|
| 70 | WDL | 156 | CMH70/TT/UVC/830/E27 | 3000 | 80+ | 6400 | E27 | 20,000 | 15,000 | 12 | 38752 |
| 100 | WDL | 207 | CMH100/TT/UVC/830/E40 | 3000 | 80+ | 9200 | E40 | 15,000 | 10,000 | 12 | 92478 |
| 150 | WDL | 207 | CMH150/TT/UVC/830/E40 | 3000 | 80+ | 14000 | E40 | 20,000 | 15,000 | 12 | 38749 |
| 150 | NDL | 207 | CMH150/UVC/T/U/842/E40 | 4000 | 89 | 14500 | E40 | 15,000 | 15,000 | 12 | 21514 |
| 150 | WDL | 207 | CMH150/UVC O/T/U/830/E40 | 3000 | 80+ | 14000 | E40 | 12,000 | 12,000 | 12 | 21516 |
| 150 | NDL | 207 | CMH150/UVC O/T/U/942/E40 | 4200 | 90+ | 14000 | E40 | 15,000 | 15,000 | 12 | 21517 |
| 250 | WDL | 251 | KRC250/CMH/830/T/H/E40 | 3000 | 80+ | 20000 | E40 | 24,000 | N/A | 12 | 20302 |
| 250 | WDL | 251 | CMH250/TT/UVC/U/830/E40 | 3000 | 80+ | 25000 | E40 | 24,000 | 24,000 | 12 | 10589 |
| 400 | WDL | 270 | CMH400/TT/UVC/U/830/E40 | 3000/3600 | 80+ | 41000 | E40 | 20,000 | 20,000 | 12 | 13067 |



Tubular Clear StreetWise™

| Wattage [W] | Colour | Length [mm] | Product Description | CCT [K] | CRI [Ra] | Initial Lumen [lm] | Cap | Rated avg. life horizontal [h] | Rated avg. life vertical [h] | Pack qty. | Product Code |
|-------------|--------|-------------|----------------------------------|---------|----------|--------------------|-----|--------------------------------|------------------------------|-----------|--------------|
| 50 | WDL | 156 | CMH50/TT/UVC/730/E27 STREETWISE | 3000 | 70+ | 5000 | E27 | 16,000* | N/A | 12 | 77400 |
| 70 | WDL | 156 | CMH70/TT/UVC/730/E27 STREETWISE | 3000 | 70+ | 7640 | E27 | 16,000* | N/A | 12 | 77401 |
| 100 | WDL | 211 | CMH100/TT/UVC/730/E40 STREETWISE | 3000 | 70+ | 10900 | E40 | 16,000* | N/A | 12 | 77399 |
| 150 | WDL | 211 | CMH150/TT/UVC/730/E40 STREETWISE | 3000 | 70+ | 16300 | E40 | 16,000* | N/A | 12 | 77402 |

* Initial rating at launch, testing continues to establish final design life



Electronic HID Ballast - Miniature

| Wattage [W] | Line Voltage [V] | Product Description | Type | Pack qty. | Product Code |
|-------------|------------------|------------------------------|------------------|-----------|--------------|
| 20 | 220-240 | BLS/E/20W/CMH 220-240V | Integral | 12 | 78711 |
| 20 | 220-240 | BLS/E/20W/CMH /R CC 220-240V | Remote | 12 | 78712 |
| 20 | 220-240 | BLS/E/20W/CMH /R LP 220-240V | Remote with plug | 12 | 78713 |
| 35 | 220-240 | BLS/E/35W/CMH 220-240V | Integral | 12 | 78714 |
| 35 | 220-240 | BLS/E/35W/CMH /R CC 220-240V | Remote | 12 | 78715 |
| 35 | 220-240 | BLS/E/35W/CMH /R LP 220-240V | Remote with plug | 12 | 78716 |



Electronic HID Ballast - Standard

| Wattage [W] | Line Voltage [V] | Product Description | Type | Pack qty. | Product Code |
|-------------|------------------|----------------------------------|----------|-----------|--------------|
| 35 | 220-240 | BLS/E/35W/CMH 220-240V ECO | Integral | 10 | 61487 |
| 35 | 220-240 | BLS/E/35W/CMH /R CC 220-240V ECO | Remote | 10 | 61488 |
| 70 | 220-240 | BLS/E/70W/CMH | Integral | 10 | 61376 |
| 70 | 220-240 | BLS/E/70W/CMH /R CC | Remote | 10 | 61569 |



Brand cross reference

GE »

Osram

Philips

| | | |
|-------------------------------------|------------------------------------|---|
| CMH20/TC/UVC/830/GU6.5 | HCI-TF 20W/830 WDL PB GU6.5 | CDM-Tm Mini GU6.5 20W/830 |
| CMH35/T/UVC/930/GU6.5 | HCI-TF 35/930 WDL PB GU6.5 | - |
| CMH35/T/UVC/930/GU6.5 Ultra | - | CDM-Tm Elite Mini GU6.5 35W/930 |
| CMH35/T/UVC/942/GU6.5 | - | - |
| CMH20/TC/UVC/U/830/G8.5 Plus | HCI-TC 20W/830 WDL PB G8.5 | CDM-TC 20W/830 G8.5 |
| CMH35/TC/UVC/U/830/G8.5 Plus | HCI-TC 35W/830 WDL PB G8.5 | CDM-TC 35W/830 G8.5 |
| CMH35/TC/UVC/U/930/G8.5 Ultra | HCI-TC 35/930 WDL PB Shop G8.5 | CDM-TC Elite 35W/930 G8.5 |
| CMH35/TC/UVC/U/942/G8.5 | HCI-TC 35W/942 NDL PB UVS G8.5 | CDM-TC 35W/942 G8.5 |
| CMH70/TC/UVC/U/830/G8.5 Plus | HCI-TC 70W/830 WDL PB G8.5 | CDM-TC 70W/830 G8.5 |
| CMH70/TC/UVC/U/942/G8.5 | HCI-TC 70W/942 NDL PB G8.5 | CDM-TC 70W/942 G8.5 |
| CMH70/TC/UVC/U/930/G8.5 Ultra | HCI-TC 70/930 WDL PB Shop G8.5* | CDM-TC Elite 70W/930 G8.5 |
| CMH20/T/UVC/U/830/G12 Plus | - | CDM-T 20W/830 G12 |
| CMH35/T/UVC/U/830/G12 Plus | HCI-T 35W/830 WDL PB G12 | CDM-T 35W/830 G12 |
| CMH35/T/UVC/U/930/G12 Ultra | HCI-T 35/930 WDL PB Shop G12 | CDM-T Elite 35W/930 G12 |
| CMH35/T/UVC/U/942/G12 | HCI-T 35W/942 NDL PB UVS G12 | CDM-T 35W/942 G12 |
| CMH70/T/UVC/U/830/G12 | HCI-T 70W/830 WDL PB G12 | CDM-T 70W/830 G12 |
| CMH70/T/UVC/U/942/G12 | HCI-T 70W/942 NDL PB UVS G12 | CDM-T 70W/942 G12 |
| CMH70/T/UVC/U/930/G12 Ultra | HCI-TC 70/930 WDL PB Shop G12 | CDM-T Elite 70W/930 G12 |
| CMH150/T/UVC/U/830/G12 | HCI-T 150W/830 WDL PB G12 | CDM-T 150W/830 G12 |
| CMH150/T/UVC/U/942/G12 | HCI-T 150/NDL PB UVS G12 | CDM-T 150W/942 G12 |
| CMH35/TD/UVC/830/RX7s | - | - |
| CMH70/TD/UVC/830/Rx7s | HCI-TS 70W/830 WDL PB UVS RX7S | CDM-TD 70W/830 RX7s |
| CMH70/TD/UVC/942/Rx7s | HCI-TS 70W/942 NDL PB UVS RX7S | CDM-TD 70W/942 RX7s |
| CMH150/TD/UVC/830/Rx7s-24 | HCI-TS 150W/830 WDL PB RX7S-24 | CDM-TD 150W/830 RX7s-24 |
| CMH150/TD/UVC/942/Rx7s-24 | HCI-TS 150W/942 NDL PB RX7S-24 | CDM-TD 150W/942 RX7s-24 |
| CMH20/MR16/UVC/830/GX10/SP12 | - | CDM-Rm Mini 20W/830 GX10 MR16 10D |
| CMH20/MR16/UVC/830/GX10/FL25 | - | CDM-Rm Mini 20W/830 GX10 MR16 25D |
| CMH20/MR16/UVC/830/GX10/WFL40 | - | CDM-Rm Mini 20W/830 GX10 MR16 40D |
| CMH35/MR16/UVC/930/GX10/SP 12 | - | - |
| CMH35/MR16/UVC/930/GX10/FL 25 | - | - |
| CMH35/MR16/UVC/930/GX10/WFL40 | - | - |
| CMH35/MR16/UVC/930/GX10/SP12 Ultra | - | CDM-Rm Elite Mini 35W/930 GX10 MR16 10D |
| CMH35/MR16/UVC/930/GX10/FL25 Ultra | - | CDM-Rm Elite Mini 35W/930 GX10 MR16 25D |
| CMH35/MR16/UVC/930/GX10/WFL40 Ultra | - | CDM-Rm Elite Mini 35W/930 GX10 MR16 40D |
| CMH35/MR16/UVC/942/GX10/SP12 | - | - |
| CMH35/MR16/UVC/942/GX10/FL25 | - | - |
| CMH35/MR16/UVC/942/GX10/WFL40 | - | - |
| CMH20/PAR20/UVC/830/E27/SP10 | - | - |
| CMH20/PAR20/UVC/830/E27/FL25 | - | - |
| CMH35/PAR20/830/E27/SP | HCI-PAR20 35W/830 WDL SP E27 | CDM-R 35W/830 E27 PAR20L10D |
| CMH35/PAR20/830/E27/FL | HCI-PAR20 35W/830 WDL FL E27 | CDM-R 35W/830 E27 PAR20L30D |
| CMH35/PAR20/UVC/942/E27/SP10 | - | CDM-R 35W/942 E27 PAR20L10D |
| CMH35/PAR20/UVC/942/E27/FL25 | - | CDM-R 35W/942 E27 PAR20L30D |
| CMH20/PAR30/UVC/830/E27/SP10 | HCI-PAR30 20W/830 WDL SP E27 | - |
| CMH20/PAR30/UVC/830/E27/FL25 | HCI-PAR30 20W/830 WDL FL E27 | - |
| CMH35/PAR30/UVC/830/E27/SP10 | HCI-PAR30 35W/830 WDL SP E27 | CDM-R 35W/830 E27 PAR20L10D |
| CMH35/PAR30/UVC/830/E27/FL25 | HCI-PAR30 35W/830 WDL FL E27 | CDM-R 35W/830 E27 PAR20L30D |
| CMH35/PAR30/UVC/942/E27/SP10 | - | - |
| CMH35/PAR30/UVC/942/E27/FL25 | - | - |
| CMH70/PAR30/UVC/830/E27/SP | HCI-PAR30 70W/830 WDL SP E27 | CDM-R 70W/830 E27 PAR30L10D |
| CMH70/PAR30/UVC/830/E27/FL | HCI-PAR30 70W/830 WDL FL E27 | CDM-R 70W/830 E27 PAR30L40D |
| CMH70/E/UVC/U/830/E27/C | HCI-E/P 70/830 WDL PB E27 clear | CDM-ET 70W /830 E27 |
| CMH100/E/UVC/U/830/E27/C | HCI-E/P 100/830 WDL PB clear | CDM-ET 100W /830 E40 |
| CMH150/UVC/O/U/942/E27/C | HCI-E/P 150W/942 NDL PBMO CL E27 | - |
| CMH70/E/UVC/U/830/E27/D | HCI-E/P 70W/830 NDL PB COE27 | CDO-ET Coated 70W/828 E27 |
| CMH70/UVC/O/U/940/E27/D | HCI-E/P 70W/942 NDL Coated E27 | - |
| CMH100/E/UVC/U/830/E27/D | HCI-E/P 100W/830 WDL PB Coated E27 | CDO-ET Coated 100W/828 E40 |
| CMH150/UVC/O/U/940/E27/D | HCI-E/P 150W/942 NDL PB MO E27 | CDO-ET Coated 150W/828 E40 |
| CMH250/E/UVC/U/830/E40/D | HCI-E 250W/830 WDL PB E40 | - |
| CMH400/E/UVC/U/830/E40/D | - | - |
| CMH50/TT/UVC/730/E27 STREETWISE | - | - |
| CMH70/TT/UVC/830/E27 | HCI-T/P 70W/830 WDL PB E27 | CDO-TT 70W /828 E27* |
| CMH70/TT/UVC/730/E27 STREETWISE | - | - |
| CMH100/TT/UVC/830/E40 | HCI-TT 100/830 WDL PB E40 | CDO-TT 100W /828 E27* |
| CMH100/TT/UVC/730/E40 STREETWISE | - | - |
| CMH150/TT/UVC/830/E40 | HCI-T/P 150W/830 WDL PB E40 | CDO-TT 150W/828 E40* |
| CMH150/TT/UVC/730/E40 STREETWISE | - | - |
| CMH150/UVC/T/U/842/E40 | HCI-TT 150/830 WDL PB E40 | CDO-TT 150W/828 E40* |
| CMH150/UVC/O/T/U/830/E40 | HCI-T/P 150W/830 NDL PB E40 | - |
| CMH150/T/UVC/O/U/942/E40 | HCI-T/P 150W/942 NDL PB E40 | - |
| CMH250/TT/UVC/U/830/E40 | HCI-T 250W/830 WDL PB E40 | CDO-TT 250W /828 E27 |
| KRC250/CMH/830/T/H/E40 | - | - |
| CMH400/TT/UVC/U/830/E40 | - | - |

