

**PHILIPS**

Retail lighting

MASTERColour CDM Evolution



**Pure  
sparkle,  
pure  
savings**





# Pure sparkle, season after season

White has never looked this white. MASTERColour CDM Evolution builds on the success of our MASTERColour CDM range to enhance your store like never before. It makes whites look pure and bright, while making other colors appear warm, saturated and intense. And thanks to CDM Evolution's unique sparkle, it brings pure beauty to everything it touches, from fashion and furnishings to jewelry and accessories. With a 60% longer lifetime, your store keeps its sparkle for longer than ever before.

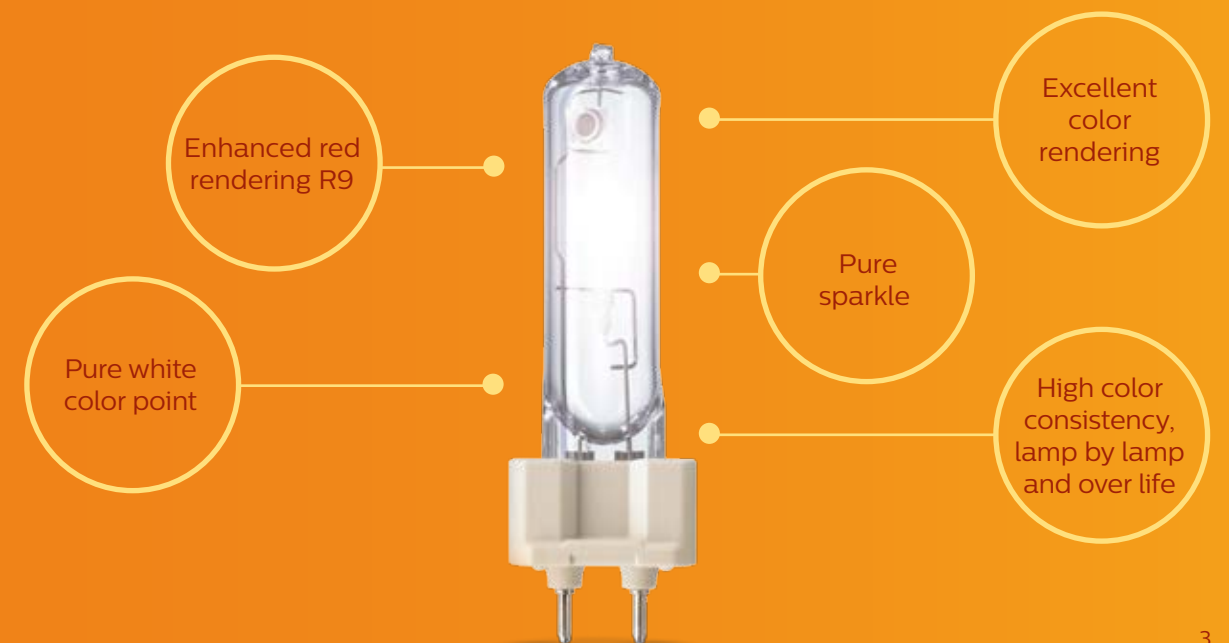
## The beauty behind the technology

MASTERColour CDM Evolution has a color rendering index (CRI) of 90 to bring out the best in every color and texture in your store. With a single light source you can make pure whites look even whiter thanks to the optimized color point and enhanced color

spectrum - without washing out the rich, saturated colors of other merchandise on display. And thanks to its exceptional color consistency and very limited color spread (maximum 5 SDCM over life), it will stay that way over the long lifetime of the lamp.



MASTERColour CDM Evolution brings out the best in every color and texture







Zapata, Augsburg Germany

# Pure sparkle, pure savings

MASTERColour CDM Evolution is also designed to save you money with unrivalled efficiency, excellent lumen maintenance and more than 60% longer lifetime compared with standard CDM lamps of 20,000 hours. So you can lower your total cost of ownership for a relatively low initial investment.

Replace standard CDM lamps and you'll get more light with the same power. Whether you need to light dramatic effects, add sparkle around your store or create maximum punch: MASTERColour CDM Evolution will attract attention wherever it's needed.

Or if you're looking to save energy, replace your current CDM lamps with a lower-wattage MASTERColour CDM Evolution lamp. You'll achieve the similar light output over time with better color rendering for less power, reducing your energy bills by 48%. You'll also save on two relampings during the lamp's total shop life.\*

\* Assuming a total shop life of 8 years and relamping cycle after 10% failures.

Example

**35 W**  
12,000  
hours lifetime



CDM 35W/830

Upgrade to

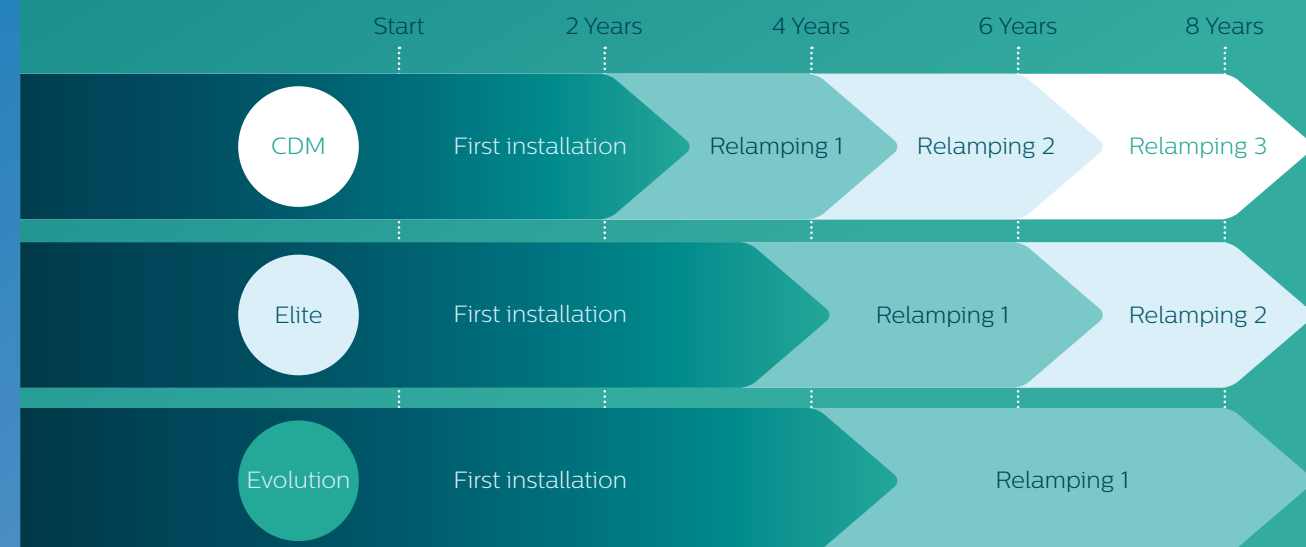
**20 W**  
20,000  
hours lifetime



CDM Evolution 20W/930

- Less power, same light output over time
- 48% energy savings
- Save on two relampings
- Better colour rendering

## Reduced relamping



Time until 10% failures (ideal group relamping point). Assuming 4,200 hours of operation per annum during a total shop life of 8 years.



“

MASTERColour CDM Evolution offers essential benefits for my store: an efficient bright and vivid light at acceptable costs, due to its high efficiency and long lifetime.

Upside, Herstal Belgium

”



Zapata, Augsburg Germany



Marks & Spencer, Ellesmere Port UK

# Our new CDM line-up

MASTERColour CDM Evolution is designed to take our portfolio of CDM lamps to the next level.



Range specifications	CDM	CDM Elite	CDM Evolution*
Lamp base	G8.5 G12	G8.5 G12	G8.5 G12
Lifetime (50% failure rate)	12,000 hours	15,000 hours	20,000 hours
Efficacy lm/W	Up to 90	Up to 108	Up to 120
CRI	80	90	90
Red rendering R9	0	+	+
Maintenance at 12,000 hours	70%	82%	up to 88%*
Maintenance at 15,000 hours		80%	up to 85%*
Maintenance at 20,000 hours			78%

\* You can find the exact specification for each lamp type in our e-catalog at [www.philips.com/lighting](http://www.philips.com/lighting)



Philips MASTERColour CDM Evolution is now also available in a Tm-Mini version with GU6.5 base.



# A few sparkling facts and figures

The first MASTERColour CDM lamp was introduced in 1994 and since then over 220 million MASTERColour CDM and Elite lamps have been sold. Building on this extensive success, MASTERColour CDM Evolution is now available in four wattages. In addition to our 20 W and 35 W lamps we've extended the range with more powerful options in 50 W and 70 W. Below are all the specifications you'll need to find the right lamp for your fixture.

Product name	Lumen (lm)	Efficacy (lm/W)	Energy efficiency label	CRI	Lifetime (hours)	Maintenance (at 12,000 hours)	12NC	EOC
MASTERColour CDM-T Evolution 20 W/930 G12	2,050	102	A+	90	20,000	80%	928064705177	871829165915000
MASTERColour CDM-TC Evolution 20 W/930 G8.5	2,050	102	A+	90	20,000	80%	928064805177	871829165924200
MASTERColour CDM-T Evolution 35 W/930 G12	4,300	110	A+	90	20,000	82%	928064305177	871829165123900
MASTERColour CDM-TC Evolution 35 W/930 G8.5	4,300	110	A+	90	20,000	82%	928064405177	871829165127700
MASTERColour CDM-T Evolution 50 W/930 G12	5,700	114	A+	90	20,000	88%	928060805177	871829170124800
MASTERColour CDM-TC Evolution 50 W/930 G8.5	5,700	114	A+	90	20,000	88%	928060905177	871829170128600
MASTERColour CDM-T Evolution 70 W/930 G12	8,800	120	A+	90	20,000	88%	928061705177	871829171378400
MASTERColour CDM-TC Evolution 70 W/930 G8.5	8,800	120	A+	90	20,000	88%	928061605177	871829171374600
MASTERColour CDM-Tm Evolution Mini 20 W/930 GU6.5	2,050	102	A+	90	20,000	80%	928100105177	871829172877100







## Driver portfolio

Gear	12NC	EOC
HID-PV M 20 /S CDM HPF 220-240 V 50/60 Hz	913700696066	871829167159600
HID-PV M 20 /I CDM HPF 220-240 V 50/60 Hz	913700646266	872790089060000
HID-PV M 35 /S CDM 220-240 V 50/60 Hz	913700696166	871829167161900
HID-PV M 35 /I CDM 220-240 V 50/60 Hz	913700653566	872790089164500
HID-AV C 35 /S CDM 220-240 V 50/60 Hz	913700647966	872790088525500
HID-AV C 35 /I CDM 220-240 V 50/60 Hz	913700647666	872790088524800
HID-PV C 35 /S CDM 220-240 V 50/60 Hz	913700652766	872790085962100
HID-PV C 35 /I CDM 220-240 V 50/60 Hz	913700653166	872790085973700
HID-PV C 20 /S CDM 220-240 V 50/60 Hz	913700698566	871829169400700
HID-PV M 20 /S CDM HPF 220-240 V 50/60 Hz	913700646166	872790089063100

# The strength of a Philips system

To enhance the performance of your CDM Evolution lamps, we recommend to use either AspiraVision or PrimaVision drivers. The two components have been developed hand in hand with each other, undergoing extensive testing before they are approved for release. The result is light performance that's optimized to ensure CDM Evolution lamps have pure sparkle that lasts. CDM Evolution lamps are designed to comply with IEC standards. However, we recommend that you perform a driver compatibility check to ensure proper operation when non-Philips drivers are used.

### AspiraVision

#### AspiraVision Compact

35 W, 50 W & 70 W



AspiraVision, a mark of excellence in HID electronic gears technology. Intelligent, easy to use and easy to install

### PrimaVision

#### PrimaVision Mini

20 W, 35 W, 50 W



Miniature size gears that allow pushing boundaries of creativity and innovation in luminaire designs

#### PrimaVision Twin

35 W, 70 W



Dual lamp operation with a single gear for cost effectiveness and increased luminaire design flexibility

#### PrimaVision Compact

35 W, 50 W, 70 W



High quality compact size gears for optimal and reliable performance of CDM lamps

#### PrimaVision Power

100 W, 150 W



Higher power gears packed in a small size. Optimal and reliable performance with CDM lamps, ideal where high intensity of light is of key importance

