



Ultimate Sparkle, Unbeatable Value

Philips MasterColor CDM Evolution Lamps

PHILIPS



Irresistibly beautiful, season after season

Now you can display all of your collections in the right light thanks to the latest innovation in our MasterColor CDM lamp family. The new MasterColor CDM Evolution builds on the success of our MasterColor CDM and Elite lamps to enhance retail stores like never before. The high-quality, sparkling white light is crisp and designed to enhance appearance of merchandise – everything it touches from fashion and furnishings to jewelry and accessories.

MasterColor CDM Evolution combines long lifetime with high efficacy

MasterColor CDM Evolution offers improved efficacy,¹ excellent lumen maintenance and long lifetime of up to 20,000 hours Rated Average Life² making it the ideal lamp for retailers looking for improved total cost of ownership.

Replace your standard CDM lamps with the same wattage and you'll instantly see an impact as it directs people's attention to where you want it to. Or you can help save on your energy bills by replacing your current CDM lamps by a lower-wattage MasterColor CDM Evolution replacement and corresponding electronic ballast³, without sacrificing light levels over time.

Show your true colors

With a color rendering index (CRI) of 90, MasterColor CDM Evolution brings out the best in all the colors and textures in your store. It makes white look even whiter, resulting in a clean and smooth impression.

The superior light quality⁴ won't just make your merchandise irresistible: it also makes sure it stays that way thanks to its exceptional color consistency with a very limited color spread (<5 SDCM) over the long lifetime of the lamp.

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CDM Standard



35W

- Less wattage, similar light output⁵
- 43% energy savings³
- Up to 33% better initial efficacy than existing MasterColor T6 lamps¹
- Better color rendering vs. existing CDM MasterColor lamps⁴

CDM Evolution



20W

The right solution for the job

CDM Evolution will initially be offered in 20W and 35W versions (50W and 70W are slated for future release) and will come in the standard G12 and G8.5 lamp holders (GU6.5 base coming soon). A quick and simple replacement for any existing T or Tc lamp.

The strength of a Philips system

To optimize the performance of your CDM Evolution lamps, we recommend using Philips Advance e-Vision electronic HID ballast. At Philips, the development of our CDM lamps and drivers goes hand in hand.

Each Philips product undergoes extensive testing before they are approved for release. Philips Evolution Lamps and Philips Advance e-Vision ballasts result in light performance that is optimized to ensure CDM Evolution lamps have beauty and sparkle that lasts.



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A compact solution for retail

Philips MasterColor CDM Evolution 3000K Tubular Single-Ended T4 and T6 lamps

The next evolution in MasterColor

Help attract more people into your store through sparkling and dramatic accent lighting, even in areas with high background luminance levels. The latest generation MasterColor CDM Evolution T and TC lamps are ideal for use in decorative lighting, both indoors and outdoors.

The constant lumen output can generate substantial energy savings compared to standard MasterColor CDM ceramic lamps, and the long lamp life can help cut relamping costs as well⁵. In addition, you get that renowned efficiency, for example, a MasterColor Evolution 20W lamp can generate comparable lumen levels to a 35W standard CDM lamp (after a certain period)⁵.

Whether you are carrying out direct replacement of an existing lamp or planning a new installation, MasterColor CDM Evolution T/TC lamps can dramatically improve the light effect⁴ and help enhance the appearance of your merchandise while remaining stable for a long period of time.

Benefits

- 90 CRI (color rendering index)
- Color stability over life within $\pm 200\text{K}$
- Lamp-to-lamp color consistency over life

Total cost of ownership benefits

- High lamp efficacy (up to 112 LPW)
- 20,000 hours rated average life²
- Up to 80% lumen maintenance at 15,000 hours
- Up to 33% better initial efficacy than existing MasterColor T6 lamps¹

Application versatility

- Universal burning position
- Dimensions, base and light center length are same as MasterColor and MasterColor Evolution T6 lamps
- Features FadeBlock—an integrated UV blocking medium for reduced fading of fabrics and paintings
- Available in new 20W and 39W Evolution lamps

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Product specifications

Ordering Data (Subject to change without notice)

Product Number	Ordering Code	Pkg. Qty.	Nom. Watts	ANSI Ballast Code	Rated Average Life	Approx. Initial Lumens ⁶	Approx. Mean Lumens ⁷	CRI
Philips MasterColor CDM Evolution 3000K Tubular Single-Ended T4 Lamps								
42879-7	CDM Evolution20/TC/930	12	20	C156/E	20,000	2,050	1,640	90
42790-6	CDM Evolution35/TC/930	12	35	C130/E	20,000	4,400	3,520	90
Philips MasterColor CDM Evolution 3000K Tubular Single-Ended T6 Lamps								
42878-9	CDM Evolution20/T6/930	12	20	C156/E	20,000	2050	1640	90
42791-4	CDM Evolution35/T6/930	12	39	C130/E	20,000	4400	3520	90

- 1 Based on a CDM MasterColor 3000K T6 35W lamp with 3,300 initial lumens vs. a CDM MasterColor Evolution T6 35W lamp with 4,400 initial lumens.
- 2 Rated average life is the life obtained, on the average, from large representative groups of lamps in laboratory tests under controlled conditions at 10 or more operating hours per start. It is the length of operation (in hours) at which point an average of 50% of a large sample of lamps will still be operational and 50% will not.
- 3 Based on a CDM MasterColor 3000K T6 35W lamp vs. a CDM MasterColor Evolution T6 20W lamp.
- 4 Based on a CDM MasterColor 3000K T6 35W lamp with 81 CRI vs. a CDM MasterColor Evolution T6 35W lamp with 90 CRI.
- 5 Based on a CDM MasterColor 3000K Tubular Single-Ended T6 35W lamp with 3,300 initial lumens and lumen maintenance of 60% @12K hours vs. a CDM MasterColor Evolution T6 20W lamp with 2,050 initial lumens and lumen maintenance of 83% @ 15K hours.
- 6 Measured at 100 hrs. life. Approximate lumen values listed are for vertical operation of the lamp.
- 7 Approximate lumen output at 40% of lamp rated average life.



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