



MasterColor CDM-T 70W/830 T6 1CT

Product family description
Range of single-ended T6 high-efficiency ceramic metal halide lamps with a stable color over lifetime and a crisp, sparkling light.

Features / Benefits

- Excellent color rendering.
- Superior color stability over life within $\pm 200\text{K}$.
- Lamp to lamp color consistency over life.
- Higher lumen maintenance than standard metal halide.
- Warm (3K) or fresh white (4K) color impression.
- High lamp efficacy (up to 93 lumens per watt) for energy saving and low heat.
- Universal operating position.
- Compact lamp dimensions for high beam intensities.
- FadeBlock for reduced fading risks.
- No shut off required in 24-hour-a-day/7-day-a-week operations (relamp fixtures at or before the end of rated life).
- Long lamp life compared to incandescent and halogen lamps.

Applications

- Accent and General lighting in retail, offices and public buildings. Decorative outdoor: floodlighting and pedestrian areas.

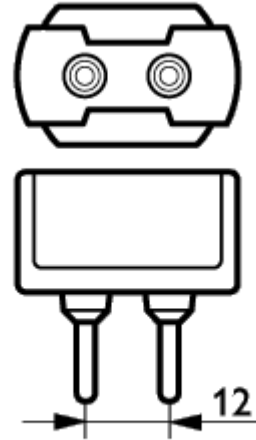
Notes

- Requires a ballast specified or approved for Philips Metal Halide lamp or one designed to the indicated ANSI Standard. A pulse ignitor is required. Sockets and wiring must withstand starting pulse. (391)
- Supply volts must be $\pm 5\%$ of rated ballast line volts for reactor type and $\pm 10\%$ for CWA or electronic ballasts. (392)
- UV filtered design (FadeBlock™). (396)
- Operate only on thermally protected ballasts (397)
- MasterColor® Metal Halide Lamps are not recommended for use on dimmers and are not warranted if used on dimmer systems. (401)
- 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 based on survival of at least 50% of the lamps and allows for individual lamps or groups of lamps to vary considerably from the average. For lamps with a rated average life of 24,000 hours, life is based on survival of 67% of the lamps. (351)
- Approximate lumen values listed are for vertical operation of the lamp. (352)
- Means Lumens is the approximate lumen output at 40% of lamp rated average life. (353)
- Heat resisting glass bulb.

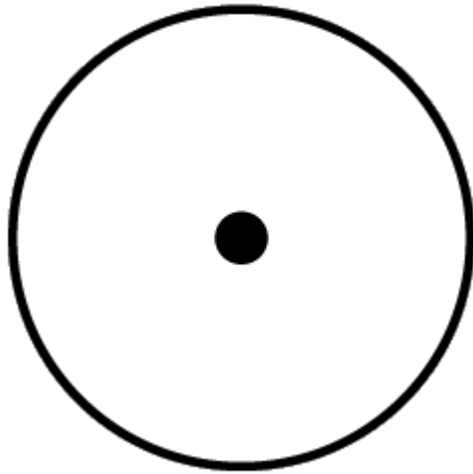
Product data	
Product Number	223370
Full product name	MasterColor CDM-T 70W/830 T6 1CT
Ordering Code	223370
Pack type	1 Lamp in a Folding Carton
Pieces per Sku	1
Skus/Case	12
Pack UPC	046677223373
EAN2US	
Case Bar Code	50046677223378
Successor Product number	
Base	G12
Bulb	T6 [Diameter: 6/8 inch /19mm]
Bulb Finish	Clear
Operating Position	Universal [Any or Universal (U)]
Packing Type	1CT [1 Lamp in a Folding Carton]
Packing Configuration	12
Ordering Code	CDM70/T6/830
Pack UPC	046677223373
Case Bar Code	50046677223378
ANSI Code HID	M139/E
System Power EL	83 W
Watts	70W
Lamp Wattage EL	73 W
Lamp Voltage	88 V
Dimmable	No
Color Code	830 [CCT of 3000K]
Color Rendering Index	84 Ra8
Color Designation	Warm White
Color Description	830 Warm White
Color Temperature	3070 K
Initial Lumens	6600 Lm
Initial Lumens	6600 Lm
Design Mean Lumens	- Lm
Overall Length C	103 mm
Diameter D	20 mm
Light Center Length L	2.21875 in
Max Overall Length (MOL) - C	3.9375 in
Diameter D	0.75 in
Product Number	223370



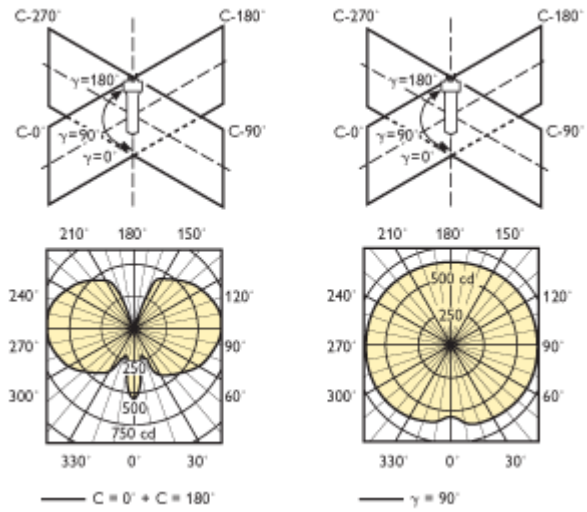
CDM-T 70W/830/842/942 G12



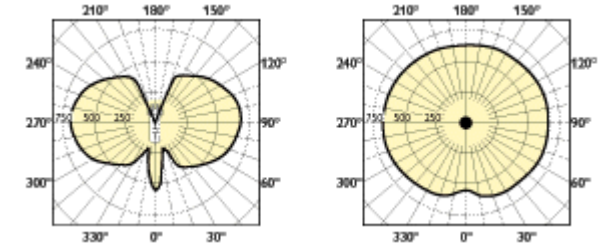
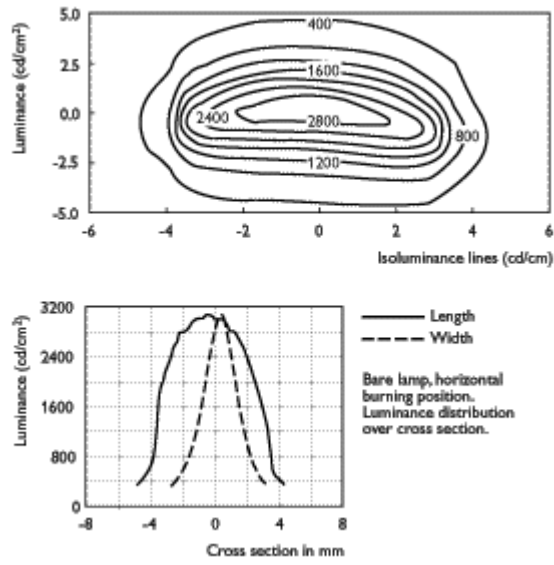
Base G12



Operating Position Universal

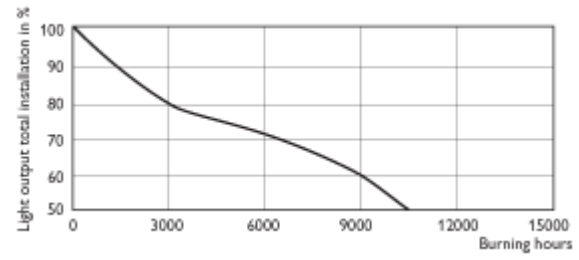
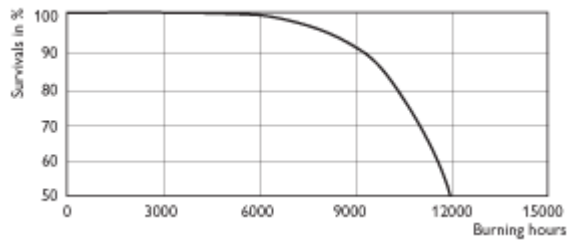


CDM-T 70W/830



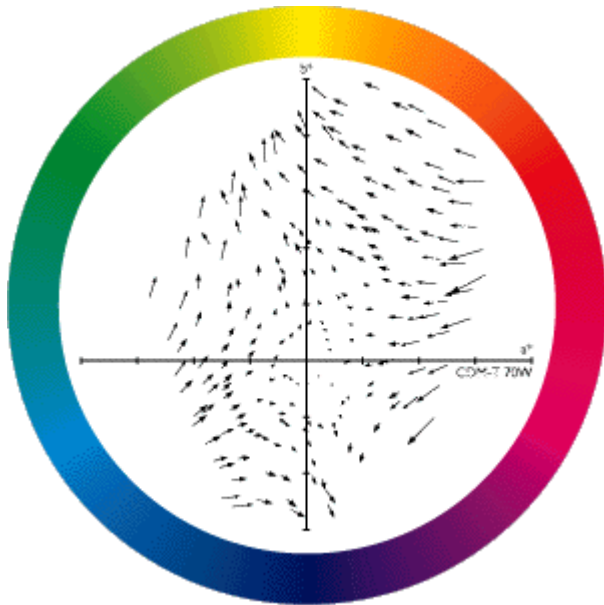
CDM-T 70W/830/942

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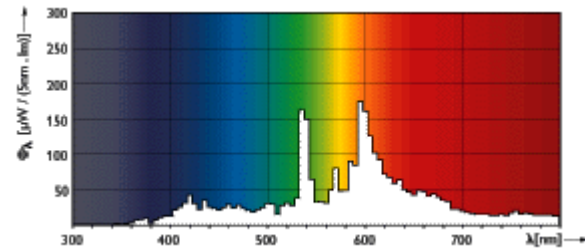


CDM-T 150W/70W/830/942

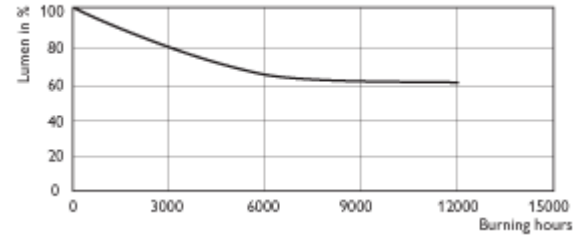
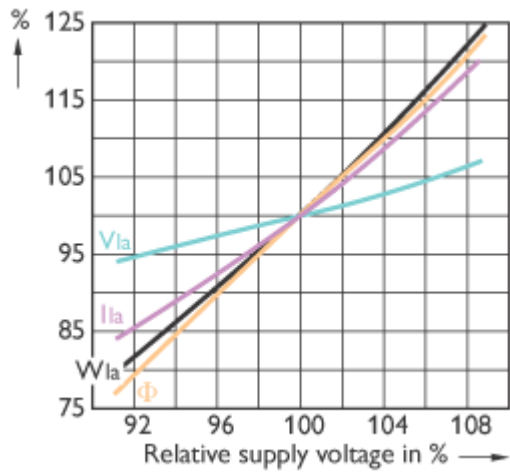
CDM-T 150W/70W/830/942



CDM-T 70W/830

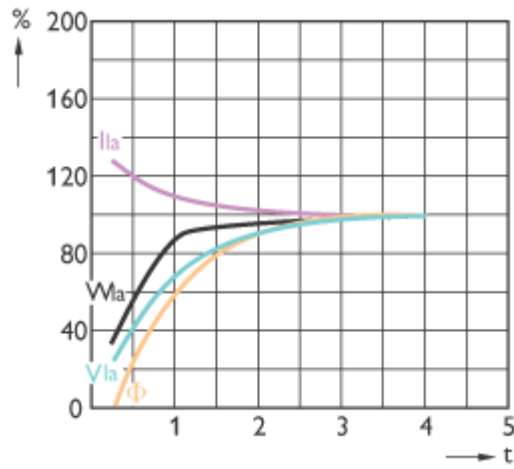


CDM-T/830



CDM-T 150W/70W/830/942

CDM-T/830



CDM-T/830/842/942

	C	D	L	L	L	O
Full product name	Max	Max	Min	Nom	Max	Min
Master Color CDM-T 70W/830 T6 1CT	103	20	55	56	57	6.67

