



MASTERColour CDM-T 70W/942 G12 ICT

Product family description

Range of single-ended, compact, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light

Product Features

- Warm or cool white colour impression
- Colour rendering good to excellent
- Allows small-size luminaires designs that give high beam intensities

Product Benefits

- Stable colour impression over lifetime
- High lamp efficacy results in low operating costs and low heat generation
- Long lamp life compared with incandescent and halogen lamps
- Relatively low heat output enhances comfort for shoppers and staff
- All types are UV-Block for reduced fading risks

Application

- Shops and shop windows, offices and public buildings
- Decorative outdoor: floodlighting and pedestrian areas

Luminaires

- Must be used in closed luminaires with a hard-glass cover

System

- Must be used in combination with a ballast and an ignitor
- A high-current protection device (thermo-switch) in the gear is mandatory (IEC 1167)
- If there is a constant voltage deviation of more than 3% of the rated voltage, a different ballast rating/tap must be used

- Electronic gear can be used, and increases lamp-life, improves system efficacy, and eliminates visible flicker

Product data	
Commercial Code	871150019927015
Full product name	MASTERColour CDM-T 70W/942 G12 ICT
Order product name	MASTERC CDM-T 70W/942 G12 ICT/I2
Packing type	1 Lamp in a Folding Carton
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500199270
Bar code on intermediate packing - EAN2	
Bar code on outerbox - EAN3	8711500199287
Logistic code(s) - I2NC	9280 845 05131
ILCOS code	MT-70/42/1A-H-G12
Net weight per piece	0.029 KG
Successor order code	
Cap-Base	G12
Bulb	T19 [T 19mm]
Bulb Finish	Clear
Burning Position	any [Any/Universal]
Life to 5% failures	9000 hr
Life to 10% failures	10000 hr
Life to 20% failures	11000 hr
Life to 50% failures	12000 hr
Lamp Wattage	70W
Lamp Wattage EM	72.0 W
Lamp Wattage EL	73 W
Lamp Voltage	88 V
Lamp Current EM	0.98 A
Lamp Current EL	0.87 A
Dimmable	no
Mercury (Hg) Content	6.1 mg
Colour Code	942 [CCT of 4200K]
Colour Rendering Index	92 Ra8
Colour Designation	Cool White
Colour Temperature	4200 K
Lamp Luminous Flux EM	6600 Lm
Lamp Luminous Flux EL	6600 Lm
Lamp Luminous Efficacy EM	92 Lm/W
Lamp Luminous Efficacy EL	92 Lm/W
Lumen Maintenance 2000h	- %
Lumen Maintenance EM 2000h	85 %
Lumen Maintenance EL 2000h	85 %
Lumen Maintenance 5000h	- %
Lumen Maintenance EM 5000h	70 %
Lumen Maintenance EL 5000h	75 %
Lumen Maintenance 10000h	- %
Lumen Maintenance EM 10000h	55 %
Lumen Maintenance EL 10000h	65 %
Lumen Maintenance 12000h	- %
Lumen Maintenance EL 12000h	- %
Overall Length C	103 mm
Diameter D	20 mm
Light Center Length L	56 mm

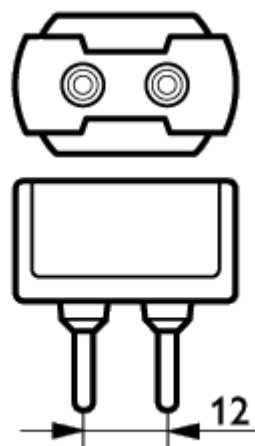
Product data	
Light Center Length L [inch]	2.21875 in
Overall Length C [in]	3.9375 in
Diameter D [inch]	0.75 in
Cap-Base Temperature	280 C
Bulb Temperature	500 C



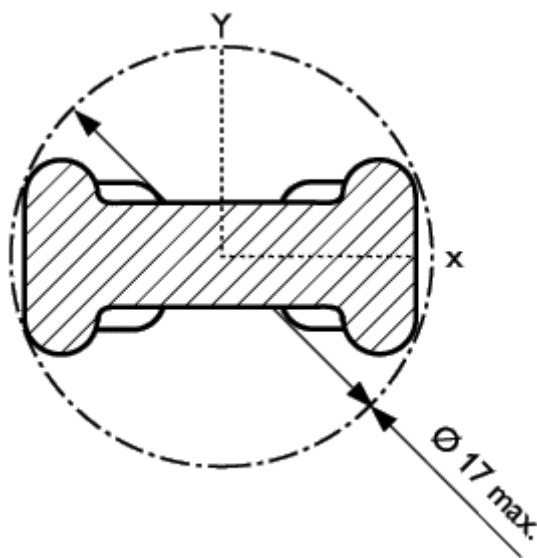
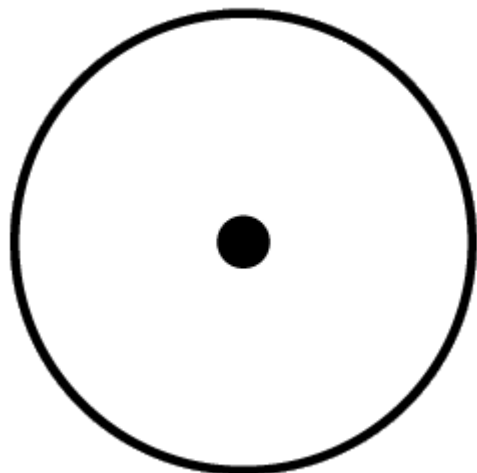
MASTERC CDM-T 70W/830/842/942 G12



CDM-T 20W /830

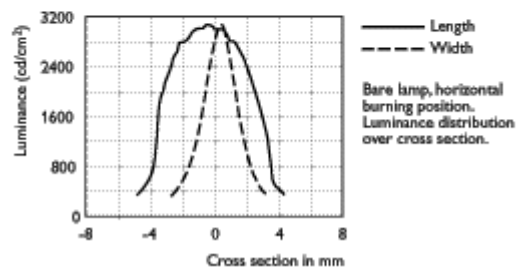
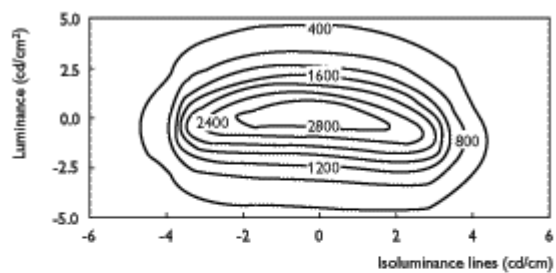


Cap-Base G12

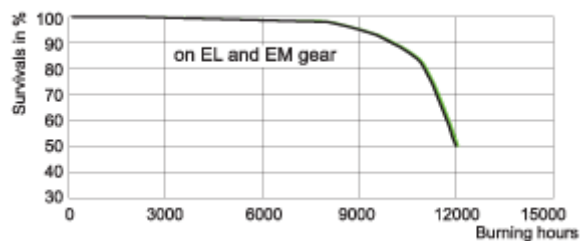
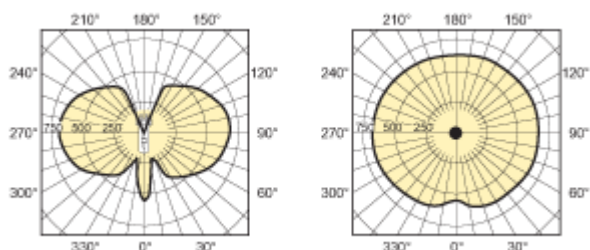


Burning Position any

MASTERC CDM-T



MASTERC CDM-T 70W/830/942

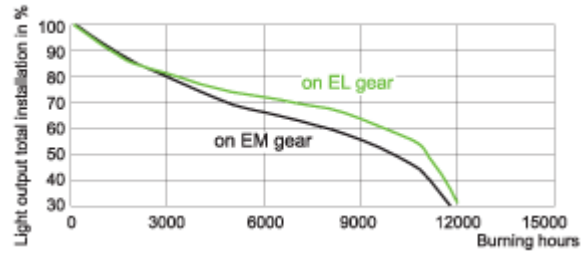


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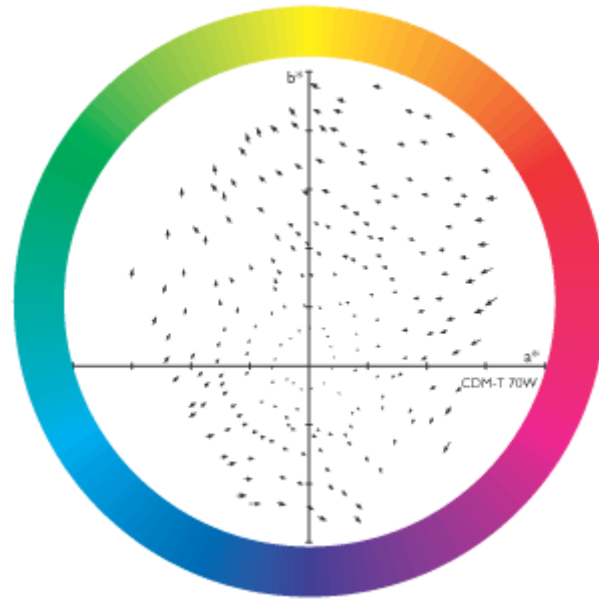
on electronic & electromagnetic gear

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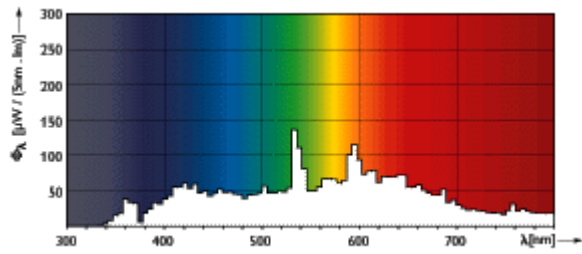
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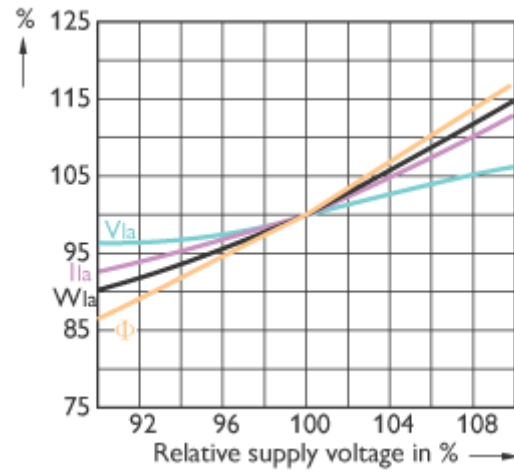
on electronic & electromagnetic gear
MASTERC CDM-T 70W/942



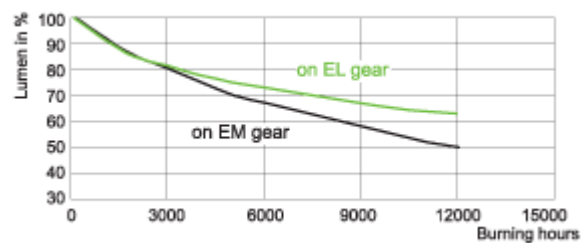
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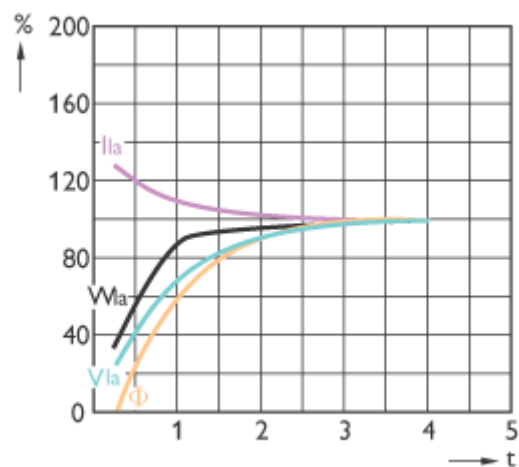


MASTERC CDM-T 150W/250W/70W/942

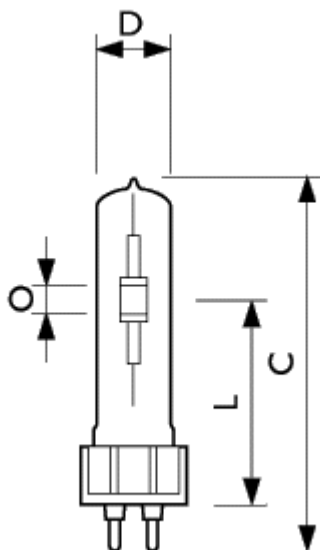


on electronic & electromagnetic gear

MASTERC CDM-T 70W/942



MASTERC CDM-T/830/842/942



MASTERC CDM-T 100W/150W/250W/35W/70W

	C	C	D	D	L	L
Full product name	Max	Max	Max	Max	Min	Min
MASTERC our CDM-T 70W/942 G12 ICT	103	103	20	20	55	55

	L	L	L	L	O	O
Full product name	Nom	Nom	Max	Max	Min	Min
MASTERCOUR CDM-T 70W/ 942 G12 ICT	56	56	57	57	-	-

	O	O	O	O
Full product name	Nom	Nom	Max	Max
MASTERCOUR CDM-T 70W/942 G12 ICT	6	6	-	-



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