



# MASTERCcolour CDM-T

## MASTERCcolour CDM-T 35W/842 G12 1CT/12

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

### Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control gear.
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

### Product data

General information	
Cap-Base	G12 [ G12]
Operating Position	UNIVERSAL [ Universal]
Life to 5% Failures (Nom)	9000 h
Life To 10% Failures (Nom)	10000 h
Life to 20% Failures (Nom)	11000 h
Life to 50% Failures (Nom)	12000 h
ANSI Code HID	-
Flux measurement reference	Sphere
Light technical	
Color Code	842 [ CCT of 4200K]
Luminous Flux (Nom)	3000 lm

Luminous Flux (Rated) (Nom)	3000 lm
Color Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	70 %
Lumen Maintenance 2000 h (Min)	80 %
Lumen Maintenance 2000 h (Nom)	90 %
Lumen Maintenance 5000 h (Min)	75 %
Lumen Maintenance 5000 h (Nom)	85 %
Chromaticity Coordinate X (Nom)	0.371
Chromaticity Coordinate Y (Nom)	0.366
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	77 lm/W
Color Rendering Index (Nom)	84

# MASTERCcolour CDM-T

## Operating and electrical

Power (Rated) (Nom)	39.1 W
Lamp Current Run-Up (Max)	0.720 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	198 V
Ignition Peak Voltage (Min)	3500 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	93 V
Voltage (Min)	77 V
Voltage (Nom)	85 V

## Controls and dimming

Dimmable	No
Run-Up Time 90% (Max)	3 min

## Mechanical and housing

Bulb Finish	Clear
Bulb Shape	T6 [ Diameter: 6/8 inch /19mm]

## Approval and application

Energy Efficiency Class	G
Mercury (Hg) Content (Max)	2.7 mg
Mercury (Hg) Content (Nom)	2.7 mg

Energy Consumption kWh/1000 h	40 kWh
EPREL Registration Number	473355

## UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.5

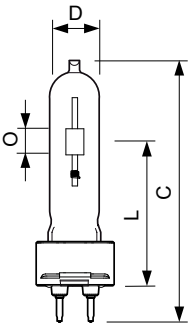
## Luminaire design requirements

Bulb Temperature (Max)	500 °C
Cap-Base Temperature (Max)	280 °C
Pinch Temperature (Max)	350 °C

## Product data

Full product code	871150021126215
Order product name	MASTERCcolour CDM-T 35W/842 G12 1CT/12
EAN/UPC - Product	8711500211262
Order code	928094305125
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928094305125
Copy Net Weight (Piece)	28.000 g
ILCOS Code	MT/UB-35/842-H-G12-20/90

## Dimensional drawing

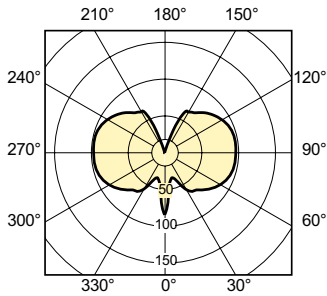


MASTERCcolour CDM-T 35W/842 G12 1CT/12

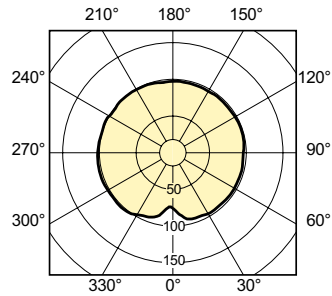
Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERCcolour CDM-T 35W/842 G12 1CT/12	20 mm	0.75 in	5 mm	55 mm	57 mm	56	103 mm
							mm

# MASTERCLOUR CDM-T

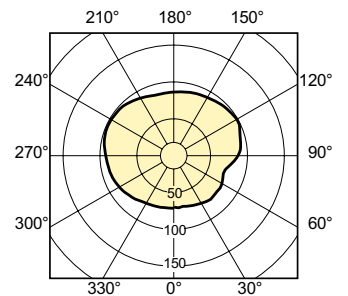
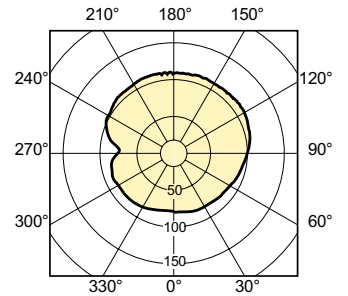
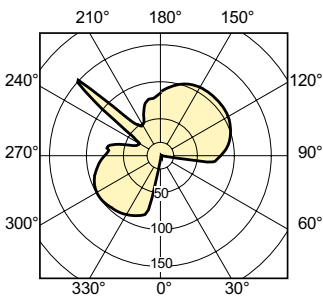
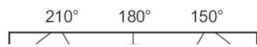
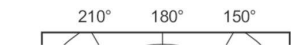
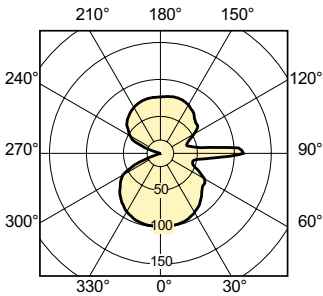
## Photometric data



CDM-T 35W /842 lamp up

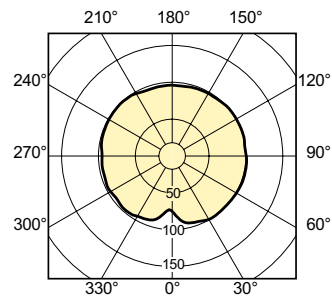
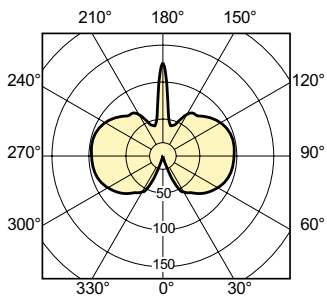


CDM-T 35W /842 lamp horizontal

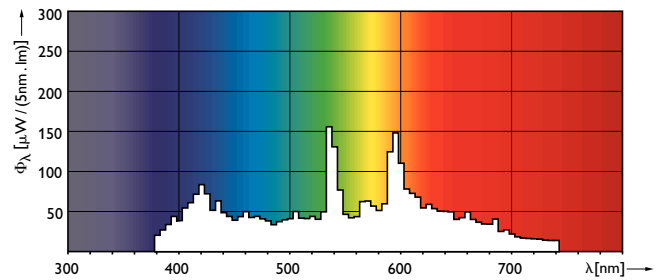


CDM-T 35W /842 lamp 45

CDM-T 35W /842 lamp 45



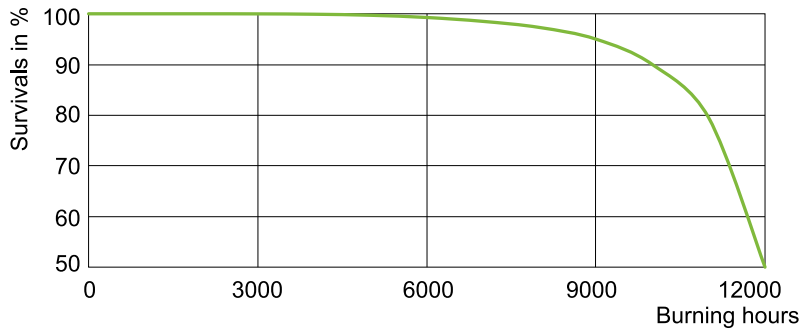
CDM-T 35W /842 lamp down



MASTERCLOUR CDM-T 35W /842

# MASTERC colour CDM-T

## Lifetime



CDM-T 35W Life Expectancy /830, /842 G12

