



# MASTERColour CDM-T Elite MW

MASTERColour CDM-TMW Elite 315W/942 1CT/12

The medium wattage lighting system that gives superior, longer-lasting white light for both indoor and outdoor use

## Product data

### • General Information

Cap-Base	PGZ18 [ PGZ18]
Bulb Shape	TMW28 [ TMW 28mm]
Operating Position	UNIVERSAL [ Any or Universal (U)]
Life To 5% Failures (Nom)	12500 h
Life To 10% Failures (Nom)	16000 h
Life To 50% Failures (Nom)	30000 h
ANSI Code HID	C182-E
Features	na [ Není k dispozici]

### • Light Technical

Color Code	942 [ CCT of 4200K]
Luminous Flux (Rated) (Min)	33100 lm
Luminous Flux (Rated) (Nom)	35500 lm
Color Designation	Cool White (CW)
Lumen Maintenance 12000 h (Nom)	82 %
Lumen Maintenance 10000 h (Nom)	86 %
Lumen Maintenance 2000 h (Nom)	98 %
Lumen Maintenance 20000 h	81 %
Lumen Maintenance - 40% Life	82 %
Lumen Maintenance 5000 h (Nom)	94 %
Lumen Maintenance - 10% Life	96 %
Saturated Red	80
Design Mean Lumens	31150 lm

Chromaticity Coordinate X (Nom)	0.376
Chromaticity Coordinate Y (Nom)	0.379
Correlated Color Temperature (Max)	- K
Correlated Color Temperature (Min)	- K
Correlated Color Temperature (Nom)	4140 K
Luminous Efficacy (rated) (Min)	105 lm/W
Luminous Efficacy (rated) (Nom)	113 lm/W
Color Rendering Index (Min)	90
Color Rendering Index (Nom)	93

### • Operating and Electrical

Power (Rated) (Nom)	315.0 W
Lamp Current Run-Up (Nom)	4.7 A
Ignition Supply Voltage (Max)	4000 V
Ignition Peak Voltage (Max)	4000 V
Ignition Supply Voltage (Min)	3000 V
Re-Ignition Time (Min) (Max)	10 min
Ignition Time (Max)	3 s
Voltage (Max)	115 V
Voltage (Min)	85 V
Voltage (Nom)	100 V

**PHILIPS**

## • Controls and Dimming

Run-Up Time 90% (Max) 3 min

## • Mechanical and Housing

Bulb Finish Clear  
Overall Length (Max) 7.44 in

## • Approval and Application

Energy Efficiency Label (EEL) A+  
Picogram Per Lumen Hour 25 pg/lm.h  
Mercury (Hg) Content (Max) 24 mg  
Energy Consumption kWh/1000 h 346 kWh

## • UV

Pet (Niosh) (Nom) 49.7 h/500lx  
Damage Factor D/fc (Nom) 0.242

## • Luminaire Design Requirements

Bulb Temperature (Max) 600 °C  
Cap-Base Temperature (Nom) 250 °C  
Pinch Temperature (Max) 300 °C

## • Product Data

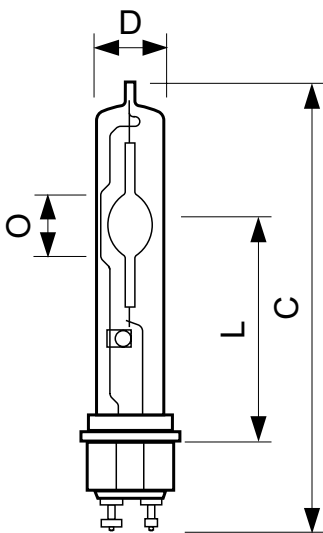
Full product code 692059027704700  
Order product name MASTERColour CDM-TMW Elite 315W/942 1CT/12  
EAN/UPC - Product 6920590277047  
Order code 928601164834  
Numerator - Quantity Per Pack 1  
Numerator - Packs per outer box 12  
Material Nr. (12NC) 928601164834  
Net Weight (Piece) 115.000 g  
ILCOS Code MT-315/42/1A-H-PGZ18

## Warnings and Safety

- Use only in totally enclosed luminaire, even during testing, except for protected versions with PGZX18 cap, which are designed for open luminaires (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Use only with electronic control gear

- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- 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.

## Dimensional drawing

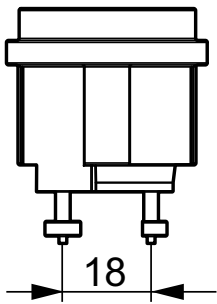
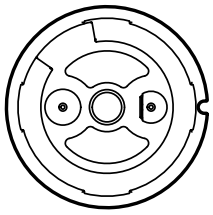


PGZX18/PGZX18., T12/TMW28

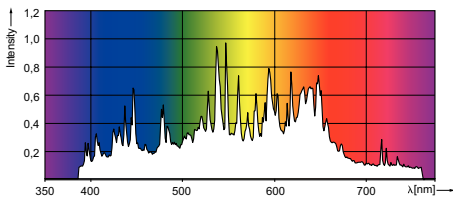
## CDM TMW 315W/942 PGZ18 U

Product	D	D	D	C	C
MASTERColour CDM-TMW Elite 315W/942 1CT/12	29 mm	1.1 in	28 mm	188 mm	186 mm

Dimensional drawing



Photometric data



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2016, March 7  
data subject to change