



# Perfect sparkle, reliable life

## MASTERColour CDM-T Elite MW

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

### Benefits

### Features

### Application

### Warnings and Safety

### Versions



# MASTERCLOUR CDM-T Elite MW

## Dimensional drawing

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Product	D	D	C
CDM ELITE TMW 315/930/U/O EU	1.5 in	38 mm	193 mm
CDM-T Elite 315W/930 PGZ18.1CT/12	29 mm	1.1 in	28 mm 188 mm 186 mm
CDM-T Elite 315W/942 PGZ18.1CT/12	29 mm	1.1 in	28 mm 188 mm 186 mm

### Approval and Application

Energy Consumption kWh/1000 h	347 kWh
Energy Efficiency Label (EEL)	A+

### Operating and Electrical

Voltage (Max)	115 V
Voltage (Nom)	100 V
Power (Rated) (Nom)	315.0 W
Re-Ignition Time (Min) (Max)	10 min

### General Information

Life To 50% Failures (Nom)	30000 h
Operating Position	UNIVERSAL

### Light Technical

Correlated Colour Temperature (Max)	- K
Correlated Colour Temperature (Min)	- K

### Mechanical and Housing

Bulb Finish	Clear
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### Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Max)	Picogram Per Lumen Hour
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	28 mg	27.1 pg/lm.h
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	25 mg	25 pg/lm.h
928601167131	CDM ELITE TMW 315/930/U/O EU	28 mg	44.4 pg/lm.h

## Operating and Electrical

Order Code	Full Product Name	Voltage (Min)
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	90 V
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	85 V

Order Code	Full Product Name	Voltage (Min)
928601167131	CDM ELITE TMW 315/930/U/O EU	90 V

## General Information

Order Code	Full Product Name	Cap-Base	Life To 10% Failures (Nom)	Life To 5% Failures (Nom)
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	PGZ18	16000 h	12500 h
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	PGZ18	16000 h	12500 h

Order Code	Full Product Name	Cap-Base	Life To 10% Failures (Nom)	Life To 5% Failures (Nom)
928601167131	CDM ELITE TMW 315/930/U/O EU	PGZX18	12000 h	10000 h

## Luminaire Design Requirements

# MASTERCLOUR CDM-T Elite MW

Order Code	Full Product Name	Bulb Temperature (Max)
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	700 °C
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	700 °C

Order Code	Full Product Name	Bulb Temperature (Max)
928601167131	CDM ELITE TMW 315/930/U/O EU	550 °C

## Light Technical (1/3)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	0.429	0.398	930	Warm white (WW)
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	0.376	0.379	942	Cool White (CW)

Order Code	Full Product Name	Chromaticity		Colour	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
928601167131	CDM ELITE TMW 315/930/U/O EU	0.429	0.398	930	Warm white (WW)

## Light Technical (2/3)

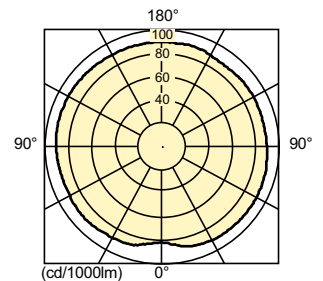
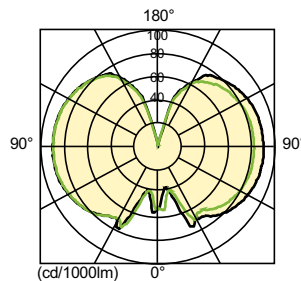
Order Code	Full Product Name	Correlated Colour		Colour Rendering		Lumen Maintenance - 10% Life		Lumen Maintenance - 2000 h (Nom)		Lumen Maintenance - 40% Life	
		Temperature (Nom)	Index (Min)	Index (Nom)	10000 h (Nom)	10% Life	12000 h (Nom)	2000 h (Nom)	20000 h	40% Life	
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	-	87	90	90 %	96 %	89 %	99 %	80 %	89 %	
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	4140 K	90	93	86 %	96 %	82 %	98 %	81 %	82 %	
928601167131	CDM ELITE TMW 315/930/U/O EU	-	87	90	87 %	98 %	83 %	98 %	80 %	87 %	

## Light Technical (3/3)

Order Code	Full Product Name	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Min)	Luminous Efficacy (rated) (Nom)	Design Mean Lumens	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	96 %	112 lm/W	120 lm/W	33700 lm	35280 lm	38000 lm
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	94 %	105 lm/W	113 lm/W	31150 lm	33100 lm	35500 lm
928601167131	CDM ELITE TMW 315/930/U/O EU	89 %	105 lm/W	115 lm/W	31500 lm	33100 lm	36200 lm

## Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928601164631	CDM-T Elite 315W/930 PGZ18.1CT/12	TMW28
928601164831	CDM-T Elite 315W/942 PGZ18.1CT/12	TMW28
928601167131	CDM ELITE TMW 315/930/U/O EU	T12



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