



# MasterColor CDM ED17 Protected Elite 4200K

## MHC70/C/U/MP/4K ELITE

MasterColor Elite Protected Ceramic Metal Halide ED-17 4200K Lamps provide excellent lumen maintenance and outstanding performance over time in a protected lamp.

### Mises en garde et sécurité

- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA: 21 CFR 1040.30 Canada: SOR/DORS/80-381)
- WARNING: The arc-tube of metal halide lamps are designed to operate under high pressure and at temperatures up to 1000°C and can unexpectedly rupture due to internal or external factors such as a ballast failure or misapplication. If the arc-tube ruptures for any reason, the outer bulb may break and pieces of extremely hot glass might be discharged into the surrounding environment. If such a rupture were to happen, THERE IS A RISK OF PERSONAL INJURY, PROPERTY DAMAGE, BURNS AND FIRE. These lamps are designed to retain all the glass particles, should an arc tube rupture occur. The following operating instructions are recommended to minimize the occurrences.
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- RELAMP FIXTURES AT OR BEFORE THE END OF RATED LIFE. Allowing lamps to operate until they fail is not advised and may increase the possibility of inner arc tube rupture.

### Données du produit

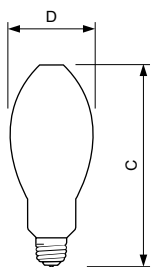
# MasterColor CDM ED17 Protected Elite 4200K

Renseignements généraux	
Culot	E26 [ Single Contact Medium Screw]
Position de fonctionnement	Universal [ Universal]
Application principale	General Lighting (G)
Durée de vie jusqu'à 50% des défaillances (nom.)	20000 h
Code ANSI DHI	C98/O
Caractéristiques	ELITE

Données techniques sur l'éclairage	
Code de couleur	940 [ TCP de 4 000 K]
Flux lumineux (nominal) (min.)	5400 lm
Flux lumineux (nominal) (nom.)	5900 lm
Désignation de couleur	Cool White (CW)
Maintien du flux lumineux – 40 % de la durée de vie	80 %
Maintien du flux lumineux – 10 % de la durée de vie	90 %
Flux lumineux moyen de la conception	4720 lm
Coordonnée X de chromaticité (max.)	0,391
Coordonnée X de chromaticité (min.)	0,373
Coordonnée X de chromaticité (nom.)	0,382
Coordonnée Y de chromaticité (max.)	0,369
Coordonnée Y de chromaticité (min.)	0,357
Coordonnée Y de chromaticité (nom.)	0,363
Température selon la couleur corrélée (nom.)	4000 K
Efficacité lumineuse (nominale) (min.)	80 lm/W
Efficacité lumineuse (nominale) (nom.)	84 lm/W
Indice de rendu des couleurs (min.)	87
Indice de rendu des couleurs (nom.)	90

Fonctionnement et électricité	
Power (Rated) (Nom)	70,4 W
Courant de la lampe (nom.)	0,9 A
Tension d'alimentation pour l'amorçage (min.)	235 V

## Schéma dimensionnel



MHC P 70W/940 E26 ED17P CO U ELITE

Temps de réamorçage (min.) (max.)	8 min
Temps d'amorçage (max.)	10 s
Tension (max.)	115 V
Tension (min.)	95 V
Tension (nom.)	100 V

Mécanique et boîtier	
Fini de l'ampoule	Verre avec revêtement
Renseignements sur le culot	Brass [ Brass Cap]
Matériau de l'ampoule	Hard Glass

Approbation et utilisation	
Picogrammes par lumen et par heure	79 pg/lm.h
Contenu en mercure (Hg) (max.)	7,1 mg

UV	
PET (NIOSH) (nom.)	347 h/500lx
Facteur de détérioration D/fc (nom.)	0,28

Exigences relatives à la conception de luminaires	
Température de l'ampoule (max.)	400 °C
Température du culot (max.)	190 °C

Données de produit	
Nom du produit de la commande	MHC70/C/U/MP/4K ELITE
EAN/CUP – Produit	046677429973
Code de commande	429976
Numérateur – Quantité par emballage	1
Numérateur SAP – Emballages par boîte extérieure	12
Matériau SAP	928601178001
Poids net (pièce)	0,001 kg

Product	D	C (max)
MHC70/C/U/MP/4K ELITE	2,125 in	5,438 in

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