



MasterColor CDM ED17 Protected Elite 4200K

MHC50/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

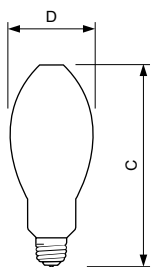
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Renseignements généraux	
Culot	E26 [Single Contact Medium Screw]
Position de fonctionnement	Universal [Universal]
Application principale	General Lighting (G)
Durée de vie jusqu'à 50% des défaillances (nom.)	20000 h
Code ANSI DHI	C110/O
Caractéristiques	ELITE

Données techniques sur l'éclairage	
Code de couleur	940 [TCP de 4 000 K]
Flux lumineux (nominal) (min.)	4320 lm
Flux lumineux (nominal) (nom.)	4800 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	3680 lm
Coordonnée X de chromaticité (max.)	0,386
Coordonnée X de chromaticité (min.)	0,368
Coordonnée X de chromaticité (nom.)	0,377
Coordonnée Y de chromaticité (max.)	0,373
Coordonnée Y de chromaticité (min.)	0,361
Coordonnée Y de chromaticité (nom.)	0,367
Température selon la couleur corrélée (nom.)	4000 K
Efficacité lumineuse (nominale) (min.)	86 lm/W
Efficacité lumineuse (nominale) (nom.)	92 lm/W
Indice de rendu des couleurs (min.)	87
Indice de rendu des couleurs (nom.)	90

Fonctionnement et électricité	
Courant de la lampe (nom.)	0,67 A
Tension d'alimentation pour l'amorçage (min.)	235 V
Temps de réamorçage (min.) (max.)	8 min

Schéma dimensionnel



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Temps d'amorçage (max.)	10 s
Tension (max.)	98 V
Tension (min.)	80 V
Tension (nom.)	88 V

Mécanique et boîtier	
Fini de l'ampoule	Transparent
Renseignements sur le culot	Brass [Brass Cap]
Matériau de l'ampoule	Hard Glass
Forme de l'ampoule	ED17P [ED17P]

Approbation et utilisation	
Picogrammes par lumen et par heure	76 pg/lm.h
Contenu en mercure (Hg) (max.)	5,4 mg

UV	
PET (NIOSH) (nom.)	267 h/500lx
Facteur de détérioration D/fc (nom.)	0,31

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	MHC50/U/MP/4K ELITE
EAN/CUP – Produit	046677429942
Code de commande	429944
Numérateur – Quantité par emballage	1
Numérateur – Emballages par boîte extérieure	12
Matériau SAP	928601177801
Copy Net Weight (Piece)	0.070 kg

Product	D	C (max)
MHC50/U/MP/4K ELITE	2,125 in	5,438 in

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