



MasterColor CDM ED17 Protected

MHC50/U/MP/3K ELITE

Direct retrofit with immediate energy savings!. Range of protected, high-efficiency long life ceramic metal halide lamps with a stable color over lifetime and a crisp, sparkling light to be used in open fixtures.

Warnings and Safety

• 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)

Product data

General Information			
Cap-Base	E26 [Single Contact Medium Screw]		
Operating Position	UNIVERSAL [Any or Universal (U)]		
Features	ELITE		
Life to 50% Failures (Nom)	16,000 hour(s)		
Light Technical			
Color Code	930 [CCT of 3000K]		
Color Designation	Warm White (WW)		
Chromaticity Coordinate X (Nom)	0.435		
Chromaticity Coordinate Y (Nom)	0.393		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (Rated) (Min)	88 lm/W		
Luminous Efficacy (rated) (Nom)	96 lm/W		

Color rendering index (CRI)	90	
Operating and Electrical		
Power Consumption	50.2 W	
Lamp Current (Nom)	0.59 A	
Voltage (Nom)	95 V	
Voltage (Nom)	95 V	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Material	Hard Glass	
Bulb Shape	ED17P [ED-17P Protected]	

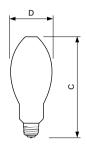
Datasheet, 2023, April 14 data subject to change

MasterColor CDM ED17 Protected

Approval and Application	
Mercury (Hg) Content (Max)	6.6 mg
Product Data	
Order product name	MHC50/U/MP/3K ELITE
Full product name	MHC50/U/MP/3K ELITE
Order code	423681

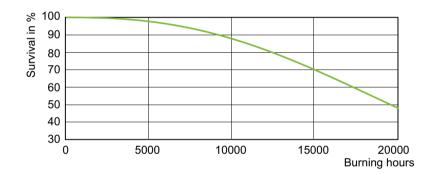
Material Nr. (12NC)	928601173701
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677423681
Numerator - Packs per outer box	12
EAN/UPC - Case	50046677423686

Dimensional drawing



Product	D	C (max)
MHC50/U/MP/3K ELITE	2.125 inch	5.438 inch

Lifetime



Life Expectancy Diagram - MHC50/U/MP/3K ELITE



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.