



MasterColor CDM 35W/ 942 Med PAR20 Spot Univ

Product family description

Philips MasterColor® Ceramic Metal Halide PAR Lamps offer a range of compact, high-efficiency, ceramic metal halide reflector lamps with a stable color over lifetime and a crisp, sparkling light. They deliver superior, energy-efficient accent lighting with consistent, outstanding color required for retail and architectural applications.

Features

- Superior color stability— within $\pm 200\text{K}$.
- Lamp to lamp color consistency over life higher lumen maintenance.
- Improved lumen maintenance over standard metal halide.
- Energy-efficient alternative to incandescent/halogen.
- Operate on existing ballasts.
- Lamps feature integrated UV blocking medium for reduced fading of fabrics and paintings.
- 22 and 39 watt flood and spot, 3000, and 4000K versions.

Benefits

- Low wattage lamps in small sizes for powerful accents.
- Improved lumen maintenance over standard metal halide.
- Energy efficient alternative to halogen.

Application

- Ideal for retail accent and display lighting and architectural lighting for interior and exterior applications.

Notes

- 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

PHILIPS

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)

- Requires a ballast specified or approved for Philips Metal Halide lamp or one designed to the indicated ANSI Standard. A pulse ignitor is required. Sockets and wiring must withstand starting pulse. (391)
- Supply volts must be +/- 5% of rated ballast line volts for reactor type and +/- 10% for CWA or electronic ballasts. (392)
- UV filtered design (FadeBlock™). (396)
- Operate only on thermally protected ballasts (397)
- MasterColor® Metal Halide Lamps are not recommended for use on dimmers and are not warranted if used on dimmer systems. (401)
- Rated average life is the life obtained, on the average, from large representative groups of lamps in laboratory tests under controlled conditions at 10 or more operating hours per start. It is based on survival of at least 50% of the lamps and allows for individual lamps or groups of lamps to vary considerably from the average. For lamps with a rated average life of 24,000 hours, life is based on survival of 67% of the lamps. (351)
- Approximate lumen values listed are for vertical operation of the lamp. (352)
- Heat resisting glass bulb.

Footnotes

- Operate only on thermally protected ballasts. (397)

Product data	
Product Number	151407
Full product name	MasterColor CDM 35W/942 Med PAR20 Spot Univ
Ordering Code	CDM35 PAR20/M/SP/4K (942)
Pack type	1 Lamp in a Folding Carton
Pieces per Sku	1
Skus/Case	12
Pack UPC	046677151409
EAN2US	
Case Bar Code	50046677151404
Successor Product number	
Base	Medium [Single Contact Medium Screw]
Base Information	Nic/Brass [Nickel/Brass Base]
Bulb	PAR20 [PAR 2.5 inch]
Bulb Material	Hard Glass

Product data	
Bulb Finish	Reflector
Operating Position	Universal [Any or Universal (U)]
Packing Type	ICT [1 Lamp in a Folding Carton]
Packing Configuration	12
RatedAvgLife(See Family Notes)	6000 hr
Feature	FadeBlock™
Ordering Code	CDM35 PAR20/M/SP/4K (942)
Pack UPC	046677151409
Case Bar Code	50046677151404
ANSI Code HID	M130/O
Watts	35W
Lamp Voltage	85 V
Beam Description	Spot
Beam Angle	10D
Approx. MBCP	21500 cd
Color Code	942 [CCT of 4200K]
Color Rendering Index	92 Ra8
Color Designation	Cool White
Color Temperature	4100 K
Initial Lumens	1950 Lm
Design Mean Lumens	1650 Lm
Max Overall Length (MOL) - C	3.75 in
Diameter D	2.55 in
Product Number	151407



©2009 Koninklijke Philips Electronics N.V.

All rights reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, is believed to be accurate and reliable and may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. Publication thereof does not convey nor imply any license under patent- or other industrial or intellectual property rights.

Document order number : 0000 000 00000