



# MasterColor® CDM PAR20

MasterColor CDM 35W/830 Med PAR20 FL 1CT

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.

## Product data

### • General Characteristics

Base	Medium [Single Contact Medium Screw]
Base Information	Nic/Brass [Nickel/Brass Base]
Bulb	PAR20 [PAR 2.5 inch]
Bulb Material	Hard Glass
Bulb Finish	Reflector
Operating Position	Universal [Any or Universal (U)]
Main Application	General Lighting
RatedAvgLife(See Family Notes)	9000 hr
Lens Epoxy Temperature	160 (max) C

### • Light Technical Characteristics

Beam Description	Flood [Flood]
Beam Angle	30 D
Approx. MBCP	5000 cd
Color Code	830 [CCT of 3000K]
Color Rendering Index	75 (min), 81 (nom) Ra8
Color Temperature	3000 K
Color Temperature technical	3000 K
Chromaticity Coordinate X	433 -
Chromaticity Coordinate Y	402 -
Initial Lumens	2000 Lm
Luminous Efficacy Lamp	57 Lm/W
Lumen Maintenance 2000h	70 %
Lumen Maintenance 5000h	55 %
Design Mean Lumens	1300 Lm

### • Electrical Characteristics

Watts	35 W
Lamp Wattage Technical	38 W
Lamp Voltage	88 V
Lamp Current	0.525 A
Ignition Time	30 (max) s
Re-ignition Time [min]	15 (max) min

### • Environmental Characteristics

Mercury (Hg) Content	2.8 (max) mg
Picogram per Lumen Hour	239 p/LuHr

### • UV-related Characteristics

PET (NIOSH)	100 h.klx
Damage Factor D/fc	0.20 -

### • Luminaire Design Requirements

Cap-Base Temperature	200 (max) C
Bulb Temperature	300 (max) C

### • Product Dimensions

Max Overall Length (MOL) - C	3.75 (max) in
Diameter D	2.480 in

# PHILIPS

sense and simplicity

• Product Data

Product number 233643  
 Full product name MasterColor CDM 35W/830 Med PAR20 FL 1CT  
 Short product name CDM 35W/830 Med PAR20 FL 1CT  
 Pieces per Sku 1

eop\_pck\_cfg 12  
 Skus/Case 12  
 Bar code on pack 46677233648  
 Bar code on case 50046677233643  
 Logistics code(s) 928601133401  
 eop\_net\_weight\_pp 0.001 kg

Warnings and Safety

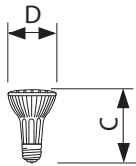
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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)

Dimensional drawing

E26, PAR20

Product	C (Max)	D (Norm)
CDM 35W/830 E26 PAR20 FL 30D U FB	3.75	2.480



E26



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data subject to change