



# MasterColor® CDM PAR20

MasterColor CDM 35W/830 Med PAR20 SP 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

### • Light Technical Characteristics

Beam Description	Spot
Beam Angle	10 D
Approx. MBCP	23000 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	52 Lm/W
Lumen Maintenance 2000h	70 %
Lumen Maintenance 5000h	55 %
Design Mean Lumens	1400 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

### • 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

### • Product Data

Product number	233650
Full product name	MasterColor CDM 35W/830 Med PAR20 SP 1CT
Short product name	CDM 35W/830 Med PAR20 SP 1CT
Pieces per Sku	1
eop_pck_cfg	12
Skus/Case	12
Bar code on pack	46677233655

# PHILIPS

sense and simplicity

Bar code on case 50046677233650  
 Logistics code(s) 928601133501

eop\_net\_weight\_pp 0.001 kg

Warnings and Safety

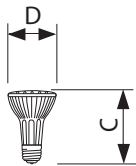
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

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 SP 10D U FB	3.75	2.480



E26



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data subject to change