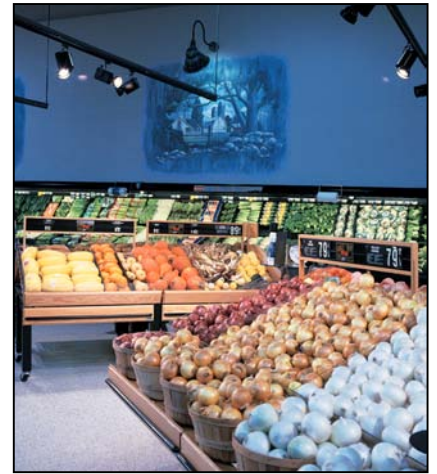


GE Consumer & Industrial  
Lighting

# ConstantColor® CMH® 20 Watt PAR Lamps

These exclusive GE ConstantColor®  
CMH® ceramic metal halide lamps  
provide lamp-to-lamp color uniformity  
and terrific energy saving solutions.  
Available in PAR 20 and PAR 30



**Energy  
Saving  
Solution**

## **Color uniformity lamp-to-lamp**

Ceilings will look clean and bright, with  
minimal color variation lamp-to-lamp.  
ConstantColor® CMH® provides a  
consistent “white look”, which is  
critical for interior applications.

## **Long life**

2 – 3 times longer life than  
Incandescent or Halogen PAR lamps.

## **Highly efficient**

4 times more lumens per watt than  
Incandescent or Halogen PARs.

## **Excellent color rendering**

Warm white light (3000K) and  
exceptional color rendering (>80 CRI)  
make ConstantColor® CMH® an  
ideal source for indoor applications.



**GE - Innovative,  
Energy-Saving Lighting**

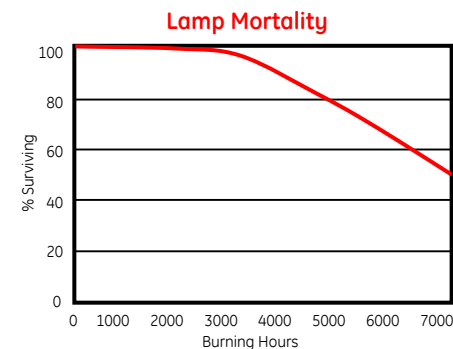
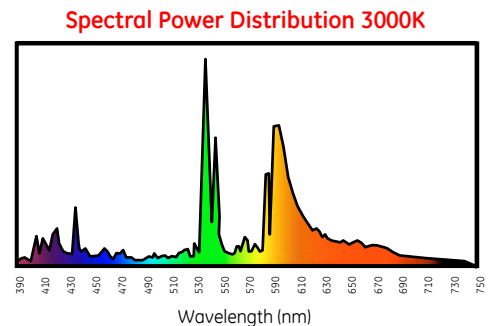
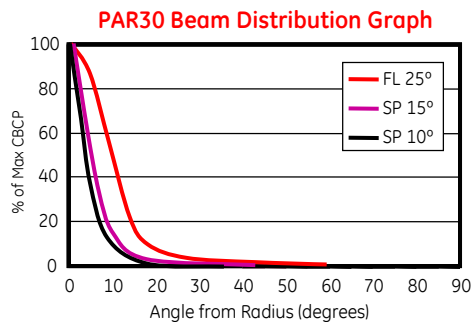
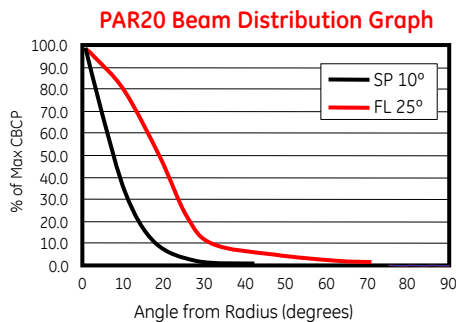


**GE imagination at work**

# ConstantColor® CMH® 20 Watt PAR Lamps

<u>Product Information*</u>	<u>20PAR20SP</u>	<u>20PAR20FL</u>	<u>20PAR30SP10</u>	<u>20PAR30SP15</u>	<u>20PAR30FL25</u>
Product Code	29485	29486	29487	29488	29489
Refer to ANSI Code	M156	M156	M156	M156	M156
Description	20W CMH PAR	20W CMH PAR	20W CMH PAR	20W CMH PAR	20W CMH PAR
<b>Physical Characteristics</b>					
Burn Position	Universal	Universal	Universal	Universal	Universal
Bulb Designation	PAR20	PAR20	PAR30	PAR30	PAR30
Bulb Material	Hard Glass	Hard Glass	Hard Glass	Hard Glass	Hard Glass
Bulb Nominal Diameter, mm	65	65	97	97	97
Base Type	E26	E26	E26	E26	E26
Max. Overall Length, mm	81.2	81.2	120	120	120
Beam Type / Angle	Spot 8°	Flood 25°	Spot 10°	Spot 15°	Flood 25°
CBCP	13000	3750	19800	14500	4900
Max. Bulb Temp °C	300°	300°	300°	300°	300°
Max Base Temp °C	200°	200°	200°	200°	200°
Luminaire Characteristics	Open	Open	Open	Open	Open
<b>Electrical/Photometric Characteristics</b>					
Nominal Lamp Watts	20	20	20	20	20
Nominal Lamp Volts	90	90	90	90	90
Nominal Lamp Amps-Starting	0.35	0.35	0.35	0.35	0.35
Nominal Lamp Amps-Operating	0.23	0.23	0.23	0.23	0.23
Max. Current Crest Factor	1.3	1.3	1.3	1.3	1.3
Initial Lumens	1000	1000	1200	1200	1200
Mean Lumens (40% Rated Life)	700	700	850	850	850
Average Rated Life (Hrs.) 10 Hrs./Start	7500	7500	7500	7500	7500
Color Rendering Index (Ra) CRI@K	80+	80+	80+	80+	80+
Warm-up time (Minutes) to 90%	1-2	1-2	1-2	1-2	1-2
Hot Restart Time (Minutes) to 90%	<3	<3	<3	<3	<3
CCT (K)	3000	3000	3000	3000	3000
Chromaticity Coordinates: X	0.44	0.44	0.44	0.44	0.44
Chromaticity Coordinates: Y	0.41	0.41	0.41	0.41	0.41

**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 and the arc tube continues to operate. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain types of lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available from the General Electric Company. If the outer envelope breaks or is punctured and the lamp continues to operate, immediately turn power off and remove lamp after it has cooled. These lamps are certified to comply with FDA radiation performance standards, 21 CFR Subchapter J.



For additional product and application information, please consult GE's Website:  
[www.gelighting.com](http://www.gelighting.com)