

GE
Lighting

ConstantColor[®] CMH[®] Integral PAR38

Reducing operating costs
has never been so easy ...
Simply screw in and start saving!

**Energy Savings of
over \$62 per socket!***

Excellent efficiency

At only 23 watts, this lamp is up to 4 times more efficient than halogen

Easy installation

Integrated ballast allows for direct replacement of Halogen PAR38 lamps. Nothing to change but the lamp and your energy bill!

Long Life

12,000 hours life rating provides for extended relamp cycles and reduced maintenance costs

Superior optical design

Available in 10° Spot, 25° Flood and 36° Wide Flood

Good Color

Crisp white light, 3000K Color Temperature
CRI 81

* @ 10¢kWh over life of the lamp vs. a 75 watt Halogen PAR38 lamp



Excellent Halogen
Replacement

Superior Beam Control

Excellent Efficiency

TCLP Compliant



**Industry
Leading
Efficiency!**



imagination at work

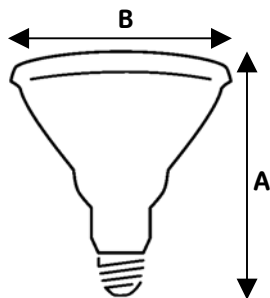
GE ConstantColor® CMH® Integral PAR38

Product Information

Product Code	Description
76224	CMHi23P38SP/ECO
76225	CMHi23P38FL/ECO
76226	CMHi23P38WFL/ECO

Physical Characteristics

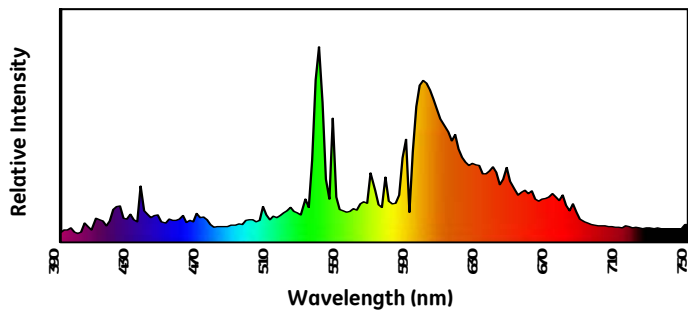
Lamp Wattage	23W
Bulb Designation	PAR38
Base Type	Medium E26
Burn Position	Universal
Rated Life	12,000 Hours
Initial Lumens	1400
CBCP - 10° Spot	28,000 cd
- 25° Flood	6,000 cd
- 36° Wide Flood	2,800 cd
CCT	3,000K
CRI	81
Beam Angle	10° SP, 25° FL, 36° WFL
Volts	120 volts
Input Current	0.36 A
Max. Base Temp.	80° C
Max. Bulb Temp.	100° C
LCL	NA
MOL	136 mm
Fixture Requirement	Open Rated
Ballast Requirement	Integral Ballast



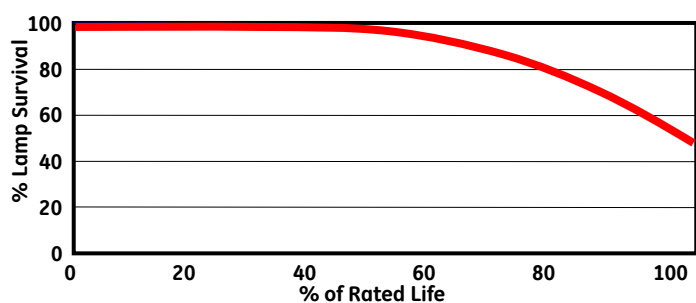
Dimensions
 A 136 mm, maximum
 B 124 mm, maximum



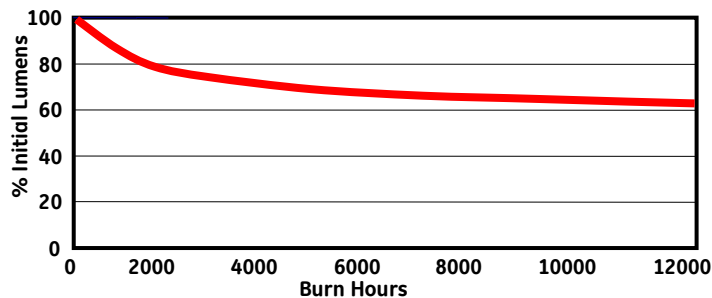
Spectral Power Distribution 3000K



Survival



Lumen Maintenance



UV PET

Performance Data from Bare Lamp

Product name	UV-C ¹	UV-B ¹	UV-A ¹	UVC/UVB	UVB/UVA	E _{eff} ²	PET(h)+-10%	Risk Group
CMH23iPAR38	200-280 nm 0.0005	280-315 nm 0.0001	315-400 nm 7.5559	5.6470	0.0000	0.063	1023	IESNA RP-27.3-96 Exempt

CAUTION

Risk of electric shock.
 Do not use where directly exposed to water.
 Not for use with dimmers.
 Not for use in totally enclosed recessed fixtures.

Hg - LAMP CONTAINS MERCURY

Manage in accord with disposal laws.
 Arctube fill gas contains Kr85.

WARNING

R WARNING: - This lamp can cause serious skin burn and eye inflammation from shortwave 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. Lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available.

This lamp certified to comply with FDA radiation performance standards, 21 CFR Subchapter J. USA: 21 CFR 1040.30 Canada: SOR/80-381

OPERATING INSTRUCTIONS

When illuminating light-sensitive materials use of an extra UV filter is recommended.

This is a discharge lamp and requires some time to restart and come up to full brightness after a power interruption.

This product complies with Part 18 of the FCC Rules, but may cause interference to radios, televisions, wireless phones and remote controls. Avoid placing this product near these devices.

Do not install this product near maritime safety equipment or other critical navigation or communication equipment operating between 0.45-30 MHz. Not intended for use with emergency exit fixtures or lights, electronic timers, photocells, or with dimmers.

Use only on 120V, 60Hz circuits.

Information provided is subject to change without notice. Please verify all details with GE. All values are design or typical values when measured under laboratory conditions, and GE makes no warranty or guarantee, express or implied, that such performance will be obtained under end-use conditions.

For additional product and application information, please consult GE's Website: www.gelighting.com