

GE 24 VOLT HALOGEN LIGHTING SYSTEM

24 VOLT SYSTEM ADVANTAGES

Lower installed costs... 24 volt systems accept high wattage loads, allowing for significantly longer systems with a greater number of lampholders.

Improved system performance... Because 24 volt systems reduce the effects of voltage drop caused by line losses, lamp lumen output and color temperature are more uniform.

Increased reliability... A single high wattage 24-volt power supply can be made more reliable and less costly than individual integral power supplies.

- Power supply is situated away from lamp heat, prolonging life and improving performance.
- Lamp and fixture current is lower when operated at 24 volts, resulting in more reliable electrical connections.

Applications

- Display
- Wall Wash
- Undercabinet Lighting
- Strip Lighting
- Task Lighting
- Pendants

24 VOLT LAMP ADVANTAGES

Better optics

- Precise, more accurate beam control
- Sharper, more defined beam

Less heat in the beam

Thicker, more rugged lamp filaments reduce lamp failures due to shock and vibration.

Bright white light (2950° K), consistent over lamp life.

Energy efficient (>18 LPW)

Compact size offers design flexibility, perfect for low profile fixtures.

Long lamp life



GE Lighting





GE 24 Volt Halogen Lamp Specifications

ConstantColor® Precise™ MR16 Cover Glass Lamps

- Consistent white light over life...GE's exclusive ConstantColor reflector coating assures consistent white light with no color shift ever, throughout the life of the lamp.
- Over 90% maintained lumens over lamp life.
- UV control...ConstantColor MR16 lamps are designed to control UV without reducing light. UV control means less fading and discolorization of objects being lighted.
- Bulb/Reflector protected during replacement...cover glass eliminates fingerprints on bulb and reflector areas which can reduce light output. Also allows for use in open fixtures.



Provisional Lamp Data

Family	Product Code	Description	Watts	Life	Lumens	CBCP	Color	Beam
MR16 ConstantColor® Cover Glass – Protective lens, suitable for use in open or enclosed fixtures								
	41485	Q35MR16/CCG12	35	4000	N/A	4950	2950	12°
	41487	Q35MR16/CCG40	35	4000	N/A	920	2950	40°
	41488	Q50MR16/CCG15	50	4000	N/A	8400	2950	15°
	41489	Q50MR16/CCG40	50	4000	N/A	1570	2950	40°
MR11 Cover Glass – Protective lens, suitable for use in open or enclosed fixtures								
	41483	Q35MR11/CG10	35	2000	N/A	4100	2950	10°
	41484	Q35MR11/CG30	35	2000	N/A	1300	2950	30°
Bi-Pin – For use in enclosed fixtures								
	18434	Q20T3/CC/24	20	2000	280	N/A	2900	N/A
Wedge Base – Suitable for use in open or enclosed fixtures								
	41490	592AF	5	10000	30	N/A	2600	N/A
	41491	593AF	10	10000	80	N/A	2600	N/A

N/A - not applicable



GE Lighting