

Light Bulbs

Standard ICC Light Bulb

GE Relax LED – 60w replacement – Soft White (2700K)

Lowe's Item #952355
4-pack

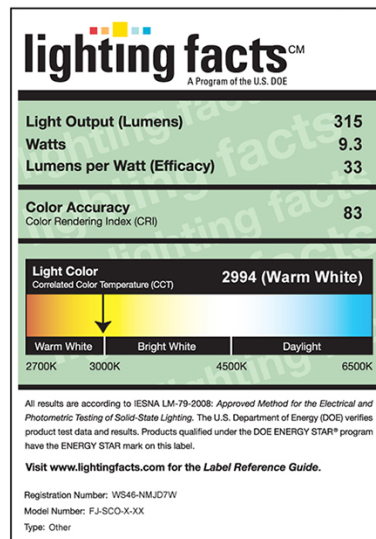


Lowe's Item #952356
8-pack



Light Bulb Label Definitions

- Light Output/Lumens**
Measures light output. The higher the number, the more light is emitted.
Reported as "Total Integrated Flux (Lumens)" on LM-79 test report.
- Watts**
Measures energy required to light the product. The lower the wattage, the less energy used.
Reported as "Input Power (Watts)" on LM-79 report.
- Lumens per Watt/Efficacy**
Measures efficiency. The higher the number, the more efficient the product.
Reported as "Efficacy" on LM-79 test report.
- IESNA LM-79-2008**
Industry standardized test procedure that measures performance qualities of LED luminaires and integral lamps. It allows for a true comparison of luminaires regardless of the light source.
- Brand & Model Number**



- Color Rendering Index (CRI)**
Measures color accuracy. Color rendition is the effect of the lamp's light spectrum on the color appearance of objects.
- Correlated Color Temperature (CCT)**
Measures light color. "Cool" colors have higher Kelvin temperatures (3600–5500K); "Warm" colors have lower color temperatures (2700–3500K).

Color Temperature - Kelvin

Kelvin Color Temperature	2700K	3000K	3500K	4100K	5000K	6500K
Ambiance	Cozy Personal	Relaxing	Friendly	Clean	Institutional	Cool
Applications	Living/Family/ Dining Rooms Bedrooms	Living/Family/ Dining Rooms Bedrooms	Kitchens Bathrooms	Garage Basement	Commercial Industrial	Commercial Industrial

Traditional color temperature for a medium base bulb = 2700K

Most people prefer low color temperatures in homes.

Do not confuse color temperature (Kelvin) with light output (lumens).

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Light Output - Lumens

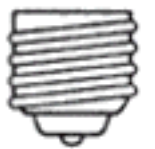
Standard for refrigerator bulbs -

Standard for bedrooms & common rooms -

Standard for exterior lights & mechanical rooms -

 LUMENS*	 INCANDESCENT	 CFL	 LED
500	40 watts	9 watts	7 watts
850	60 watts	13 watts	11 watts
1600	100 watts	23 watts	20 watts

Common Bulb Bases



E26
Medium
(Standard)



E12
Candelabra



24mm
GU24



MEDIUM
BI-PIN



MINI
BI-PIN

Fluorescent Tubes

T12 - 1st Generation - 1930's

T8 - 2nd Generation - 1980's

T5 - 3rd Generation - 2000's

