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RENAISSANCE

LIGHTING AND METAL FURNITURE FOR HOSPITALITY

WHAT BULB IS RIGHT FOR YOU?

How Many Lumens Do You Need? (120V)

Brightness	250+	450+	800+	1100+	1600+
 Standard	25 W	40 W	60 W	75 W	100 W
 Halogen	18 W	29 W	43 W	53 W	72 W
 CFL	6 W	10 W	13 W	18 W	23 W
 LED	4 W	5 W	10 W	15 W	20 W

Sources: energystar.gov

by Shrink That Footprint

WHAT IS A LUMEN?

A LUMEN IS A UNIT OF MEASUREMENT, A LUMEN IS A METRIC MEASUREMENT USED TO EXPRESS THE **VISIBLE LIGHT** EMITTED BY A SOURCE PER SQUARE METER. DIRECT DAYLIGHT PRODUCES AROUND 100,000 LUMENS PER SQUARE METER.

WHAT IS A WATT?

WATTAGE IS NOT AN INDICATION OF BRIGHTNESS, BUT A MEASUREMENT OF HOW MUCH ENERGY THE BULB DRAWS. FOR INCANDESCENT, THERE IS AN ACCEPTED CORRELATION BETWEEN WATTS DRAWN AND THE BRIGHTNESS, BUT FOR LEDs, WATTS ARE NOT A GREAT PREDICTOR OF HOW BRIGHT THE BULB WILL BE.

Old Light Bulb	How Much Light	New Light Bulb			
GLS	LUMENS	Halogen Eco - 30%	Decorative CFL	Stick & Spiral CFL	LED
	1400				18W 1450Lm
100W = 1300Lm	1300				
	1200	70W 1200Lm	20W 1150Lm	20W 1200Lm	15W 1100Lm
	1100				
	1000				
75W = 920Lm	900	53W 850Lm	15W 810Lm	15W 845Lm	12W 806Lm
	800				
60W = 710Lm	700	42W 630Lm	11W 610Lm	11W 630Lm	
	600				
	500				
40W = 415Lm	400	28W 405Lm	9W 405Lm	9W 405Lm	7W 470Lm
	300		7W 286Lm		4W 250Lm
25W = 225Lm	200	18W 205Lm	5W 205Lm	5W 210Lm	2W 100Lm
10W = 100Lm	100				
GLS	LUMENS	Halogen Eco - 30%	Decorative CFL	Stick & Spiral CFL	LED

