

Focal Points: 25W REPLACEMENT FOR 40W LAMP

THE 25W TT5 LAMP, offered by Philips and GE, is a great solution for both new and retrofit projects. Corridors, private offices and conference rooms utilizing 2x2 fixtures are just a few applications that will benefit from this new technology. The lower wattage lamp allows spacing of the fixtures to maintain uniformity, while lowering both energy consumption and light levels, and lamps are dimmable on appropriate ballasts.

THE LAMP OPERATES ON A STANDARD 40W INSTANT START BALLAST AND PROVIDES ABOUT 86% FIXTURE LIGHT OUTPUT, FOR 83% OF THE WATTS.

HOW DOES THE MATH WORK?

The 40W label originates from old electro-magnetic ballast technology. Current '40W' lamps actually draw only 30-32 lamp watts. As you can see below, the 25 watt lamp still provides a significant energy savings over current 40W TT5 lamp technology.

	Original 40W lamp on electro-magnetic ballast	Current 40W lamp on Instant Start ballast	New 25W lamp	% Reduction between current 40W and 25W
Lamp watts	40	30-32	25	17-22% less
Input watts	Information no longer available	38-42	31-36	15-18%
Lumen Output	Information no longer available	3150-3300	2600	17-21%

LAMP COMPARISON IN APPLICATION

Application	40W Lamp			25W Lamp		
50'x50' Open Office						
10'x10' spacing	37.4	1.9:1	0.64	32.0	1.9:1	0.53
8'x8' spacing	54.4	2.3:1	0.92	46.5	2.3:1	0.76
10'x4' Corridor						
10' spacing	27.2	1.6:1	1.07	23.2	1.6:1	0.88
8' spacing	33.2	1.6:1	1.33	28.4	1.5:1	1.10
10'x12' Private Office						
6' spacing	55.1	1.7:1	1.60	47.3	1.7:1	1.33

- Average Footcandles
- Workplane Uniformity (average:minimum)
- Watts/Square Foot

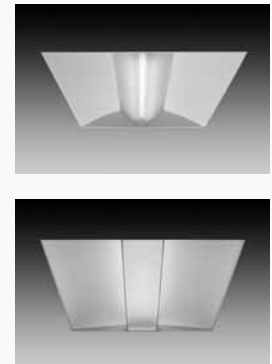
Reflectances: 80/50/20

Light Loss Factor: 0.80

Light Levels calculated in AGI-32 with Aerion 2'x2', 2-lamp. Calculations do not include any furniture or partitions.



* Replacement lamps will fit in Focal Point's standard 2x2 & 2x4 fixtures without modification though, not all replacement lamps are the same length.



HOW TO ORDER?

Focal Point can supply the 25W lamp on any fixture where the 40W is an option. Just add 25 in front of the lamp ordering code in the factory options. For example: Use 25L835 for a 3500K generic lamp. For Philips the code is 25P835, for GE 25G835. A wattage restriction label will automatically be supplied with the fixture. For additional information on lamp ordering codes, refer to the Reference Section.