

The data below illustrate the performance of the MONTEREY panel in relation to popular fluorescent fittings. All the data is from industry sources such as Helvar, Tridonic and Sylvania, and is calculated using Relux lighting design software.

All the examples are based on an office measuring 5m x 12m x 2.8m ceiling height with 15 fittings installed.

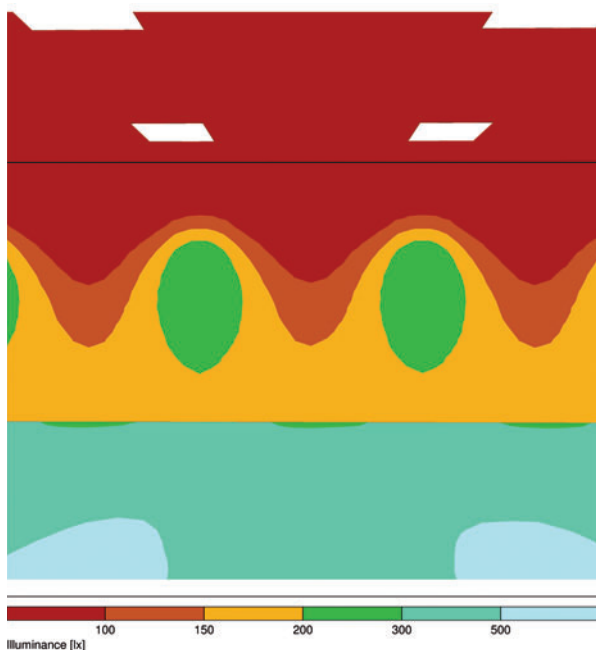
COMPARISON CHART

	15x T8 4x18W	15x T5 3x14W	15x Direct/Indirect PLL 2x40W	15x NVC LED Panel 42W
Av illum at desk	693 lux	547 lux	542 lux	593 lux
Total power	1052 watts	690 watts	1305 watts	630 watts
Luminaire lms/circuit W	51	58	37	83
L2 compliant	NO	YES	NO	YES
Eligible for ECA	NO	NO	NO	YES

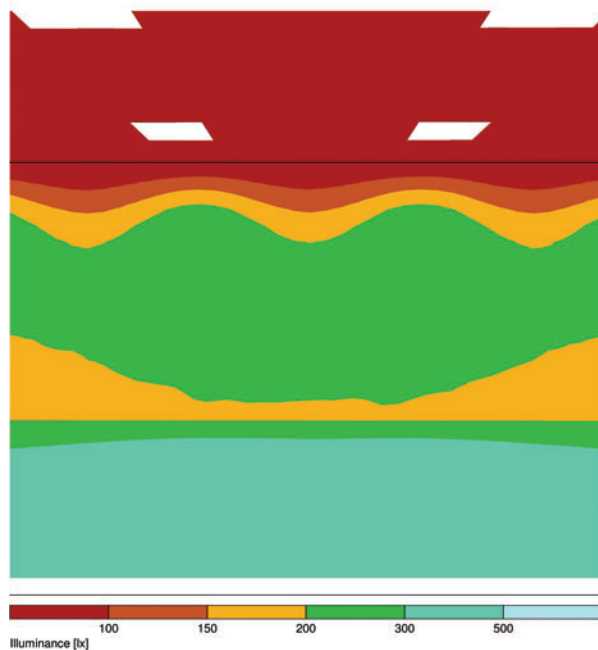
Key: Compliant Not compliant

When compared with a traditional louvered fitting, such as a 4 x 18W T8 or 3 x 14W T5 (pictured above), the MONTEREY panel distributes much more light onto the walls.

The images below were generated in Relux and show the light distribution on the walls from 4 x 18W louvered fittings (left) and the distribution from MONTEREY panels, in the same positions (right). The scalloping effect created by the louvered fittings is clearly visible.



Light distribution from 4 x 18W louvered fitting with pronounced scalloping.



Light distribution from the MONTEREY LED panel with even wall illumination.