

A typical recessed basket luminaire is non LG3 in open plan offices. Sharp contrast between luminaire and ceiling is apparent and the basket can be visually intrusive.



Vivant™ with 'lift' profiler showing walls smoothly washed and the luminaire edge softened. The space comes to life and visual comfort is maximised.

Typical T5 luminaire



- LG3 Cat 2
- Side panels needed to fill 600 x 600 grid
- Side panels give no ceiling or wall wash
- No enhancement to environment

MOTIVATION

Living Luminance Technology™ has been developed with two distinct functional elements:-

Luminance Profilers

Luminance Profilers deliver a smoothly, graduated wall wash and light spill onto the ceiling despite a projection into the room of only 28mm. The material of the profilers can be specified to create different levels of ceiling illumination and add visual interest whilst the design allows quick and easy cleaning.



"Lift" profiler
LG3 2.500



"Blend" profiler
LG3 2.1000



"Matrix" profiler
LG3 2.1000

Living Louvre

Concave louvre blades add lift and create visual interest to relieve the oppressive flatness of the ceiling. Finished in a special shimmering metallised finish the louvre gives the ceiling a feeling of life.



Living louvre

Glare Control

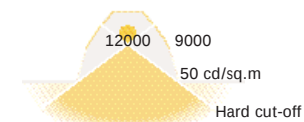
The optical system incorporates a reflector with intermediate brightness zones (IBZ). Each having a brightness within a ratio of 5:1 compared to it's neighbour. This reduces the need for the human eye to continuously adapt, further maximising visual comfort and solving the glare problems associated with T5 and TC-L lamps.

The example of the car headlights below sums up the principle behind the Vivant™ optic. If there is more background brightness around a light source then the source itself doesn't look as bright. Glare is therefore reduced which is a common cause of visual discomfort in modern offices.



A conventional luminaire exhibits sudden and dramatic changes in brightness of its surfaces depending on the angle at which it is viewed.

Conventional louvred luminaire



Vivant™ with IBZ

