Illumination levels for ATM units with LED illumination.

Red edging strips

5 m strip of red LED's rated at 2262 lumens

Equates to approx. 452 lumens /m run

However these are then viewed through red acrylic covers, which have a light transmission of 12% - reducing the visible light transmitted to approx. 54 lumens/m.

Illuminated NatWest text

LED light sheets are rated at approx. 4500 lux. (ie. 4500 lumens/sqm) at source.

This figure reduces to approx 1060 lumens when viewed from a distance of 1m.

However since we are only illuminating the text, the light is viewed through approx. 50% of the square area (ie. the rest is opaque background). The light is then further reduced, as the opal acrylic face has a light transmission of 40%. Resulting in the visible light viewed from 1m being approx. 212 lux.