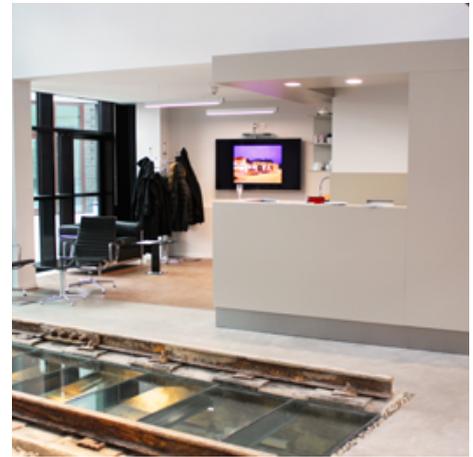
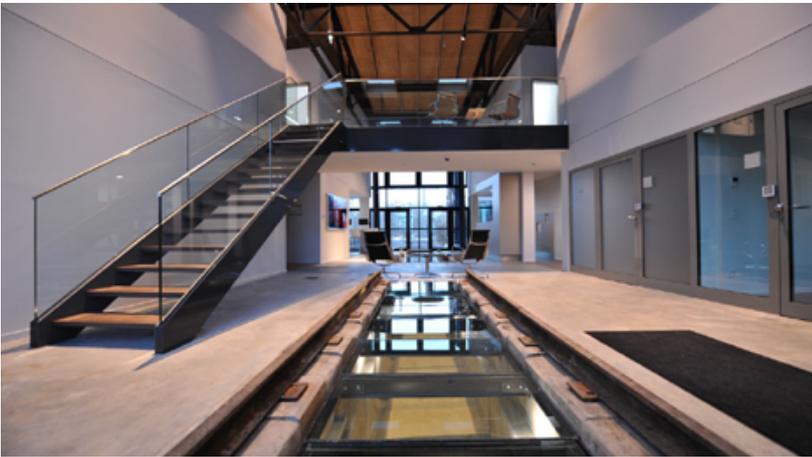




**HISTORICAL
LOKSCHUPPEN**

OFFICE BUILDING



CLIENT	Tanus Sparkasse	
PROJECT	On behalf of the Tanus Sparkasse reconstruction/renovation of the historical Lokschuppen into a modern office building combined with an unique atmosphere.	
LOCATION SIZE	1,200 squaremeters	
GOAL	Provide an energy efficient lighting system to keep sustainability standards within the building as high as possible and to generate savings of energy and operating costs was the main goal of the smartengine lighting concept. Further an automatic regulation of the lighting, heating and air conditioning system to keep the working atmosphere at its best.	
INSTALLATION LIGHTING SYSTEM	5 smartengines 1 smartdirector	220 smartfixtures & smartsensors
INSTALLATION IT INFRASTRUCTURE COMMSCOPE®	11,000m Cat6 UTP Cables 10 Patch Panels	250 Surface Mounting Boxes 600 Pepper Patch Leads
CONSUMPTION	196.7 kWh per month	
ENERGY SAVINGS	36.8 MWh – yearly 18.8 tons less CO ₂ -emission – yearly	