LifeCycle Tower ONE
Dornbirn

PROJECT
LCT ONE

LOCATION
Dornbirn, Austria

CLIENT
Aspermont Holding GmbH

START OF CONSTRUCTION
September 2011

COMPLETION
September 2012

LENGTH
24 m

WIDTH
13 m

HEIGHT
27 m

NUMBER OF FLOORS ABOVE GROUND
8

FLOOR AREA
various sizes of rental units, from 100 m² to 1,600 m²

USABLE FLOOR SPACE
1,765 m²
This is what the city has been waiting for

The headquarters of CREE in Dornbirn, Austria: an attractive and inviting flagship building to represent our company’s vision.

Truly the first building of its kind, LCT ONE is much more than a cutting-edge office building. It also serves as a showroom for sustainable solutions and, as part of the “House of the Future” program, sets a bold and attractive precedent for urban architecture. The remarkable finished product is also the result of an extraordinary process: the 8-story tower went up in just 8 days, showcasing the fast-paced and reliable CREE construction phase. LifeCycle Tower ONE is an international sensation, raising the bar in every respect.

Facts

ARCHITECTURE
designed by Hermann Kaufmann, facades of recycled metal, exposed timber structure, entrance foyer

ENERGY STANDARD
passivhaus technology

FENESTRATION
triple glazing

OPERATING COSTS
optimised based on automatic energy consumption monitoring

ROOM TEMPERATURE
heating/cooling panels integrated into the ceiling, window contacts to avoid energy losses

AIR QUALITY
artificial ventilation with highly efficient heat recovery, automatically controlled via CO₂ measurements

BUILDING SERVICES EQUIPMENT
electronic access control system, passenger lift, Cat.7 wiring, individual energy consumption visualisation

LIGHTING
basic lighting to general areas, individual office lighting

INTELLIGENT BUILDING SERVICES CONTROLS
blinds with automatically controlled drives, presence and daylight-based lighting control system

FLOOR PANEL CONSTRUCTION
cavity floor with optimised sound insulation

PARTITION WALLS
optionally in drywall construction or with partition wall system

HIGH SAFETY STANDARDS
automatic fire extinguishing system and fire alarm system

STORAGE AREAS
on every floor