

Lighting solution / basic

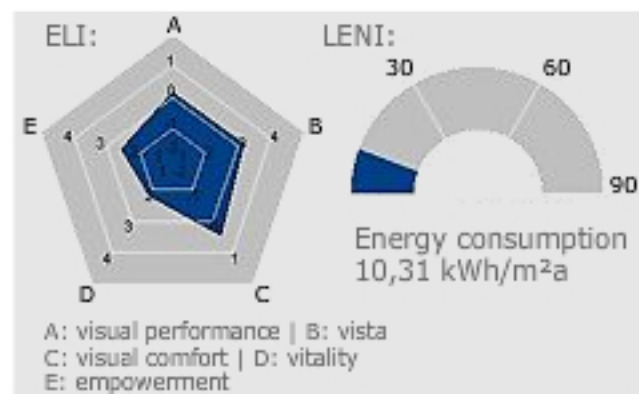


Layout

Basic standard optimal

This solution package meets the requirements of a contemporary classroom. The focus is on seeing and recognising. A minimum amount of daylight is needed to provide a pleasant learning environment. Moreover, combining daylight and artificial lighting reduces energy consumption.

6 x TECTON 2/35W RGL
2 x TECTON 1/80 W RSR
1 x DIMLITE daylight
1 x LSD light sensor



Em [room] = 393lx (inc. blackboard)

g₁ [room] = 0,38(inc. blackboard)

Em [blackboard] = 502lx

g₁ [blackboard] = 0,62

Lighting solution / standard

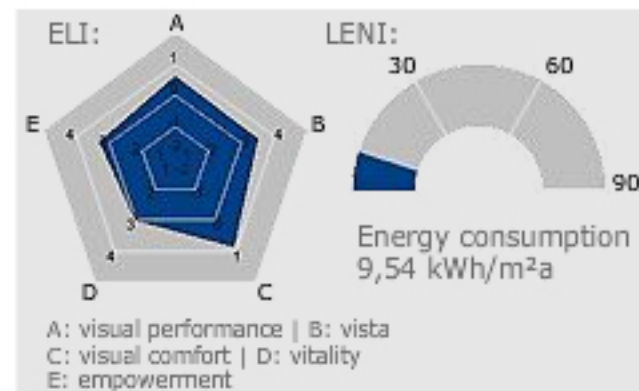


Layout

Basic standard optimal

This solution package provides a pleasant room atmosphere by brightening up the ceiling and adding accents on the walls. Visual comfort is enhanced by lighting control using the DIMLITE School Kit. Energy efficiency is increased by integration of daylight-based and presence-based control.

6 x ML4 AAC 2/35W
2 x FAW 1/80 W
2 x PANOS HF 1/26W
DIMLITE School Kit



Em [room] = 378lx (inc. blackboard)

g₁ [room] = 0,37 (inc. blackboard)

Em [blackboard] = 502lx

g₁ [blackboard] = 0,56

Lighting solution / optimal

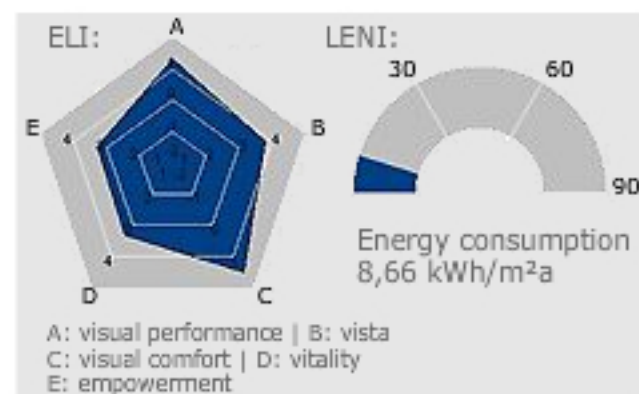


Layout

Basic standard optimal

An additional indirect component significantly enhances the room impression. The micro-pyramidal optic of the ECOS pendant luminaires provides perfectly glare-free light and therefore optimum learning conditions. Thanks to the DIMLITE School Kit, the light continuously adjusts to the upcoming tasks.

8 x ECOOS I/D 1/49W
2 x FEW 1/80 W
2 x PANOS LED 1/18W
DIMLITE School Kit / LITENET



Em [room] = 360lx (inc. blackboard)

g₁ [room] = 0,34 (inc. blackboard)

Em [blackboard] = 502lx

g₁ [blackboard] = 0,60