NET MODULE
EXTERNAL PLUG AND LIGHT CONTROLLER

Waldmann`s external controller, NET Module, harnesses the power of the surrounding natural light and coordinates with room luminaries, such as the new Waldmann IDOO family, to implement Waldmann's VTL light management system.

Multiple luminaires are connected to NET Module via DALI. The change in light during the day is stored on an SD card, allowing the luminaires to simulate natural light according to the particular time of day. The controller is mounted in the building and provides information on light level and light color to several luminaires in real time. Biological lighting mode is attained when linked luminaires are set to uniform illumination, adjusting for light color and brightness in their direct and indirect light components.

Suitable for smaller installations, this Plug & Light system is very easy to put into operation via a five-wire cable. No read-in of individual luminaires. No storing of time schedules or groups. No need to integrate the luminaires into the building automation system.

NET Module
DALI Real-Time Controller – 209990019-00696292

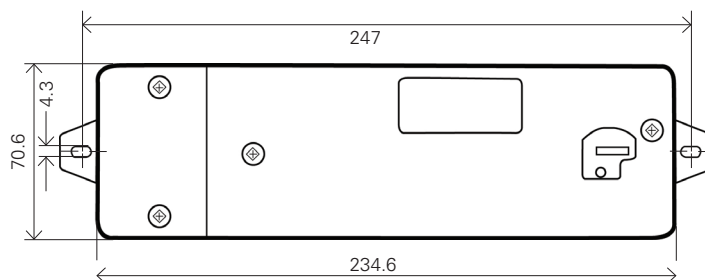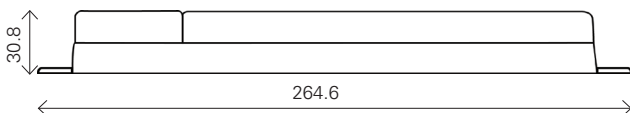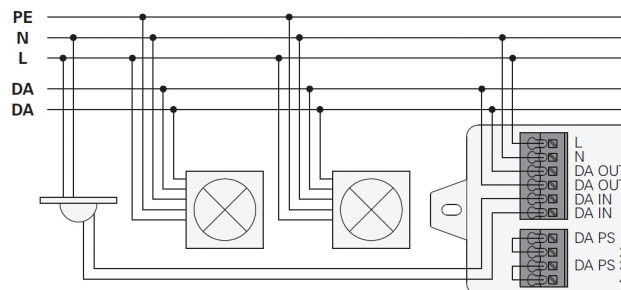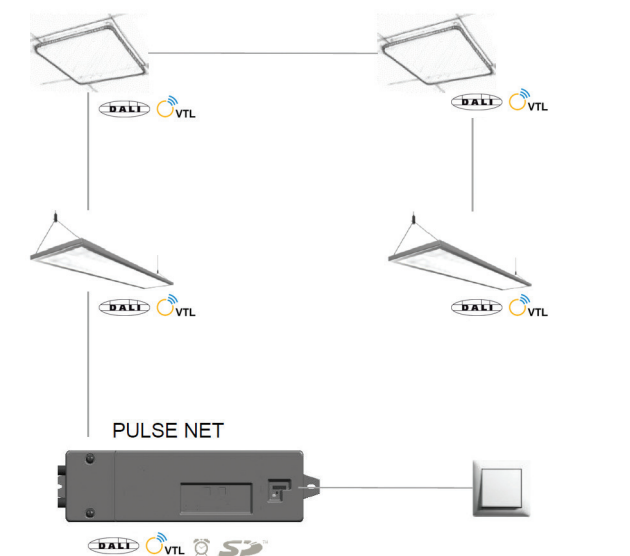|	
Input voltage	100 – 240 V AC
Frequency range	50/60 Hz
Power consumption	max. 5 W
Degree of protection	IP 20
Operating mode	Continuous operation
Ambient temperature	32°F – 113°F
Technical safety test	EN 61347-2-11

Special features	A real-time clock is integrated into the NET module. A lithium battery ensures that the clock continues to run and all data is retained even in the event of power failure. As a basis for daylight saving time, a calendar of up to the year 2060 is stored.
Compatibility	The NET module is compatible with all luminaires whose drivers comply with DALI standards according to IEC 62386 Device Type 6.

Connection Diagram:
Switching on / off + daylight and presence sensors

PULSE NET

PE
N
L
DA
DA

L
N
DA OUT
DA OUT
DA IN
DA IN
DA PS 1
2
DA PS 3
4

247

4.3

70.6

30.8

264.6

234.6

measurements in mm