

WT1800E: Dimmer Test of LED Light with illumination Sensor

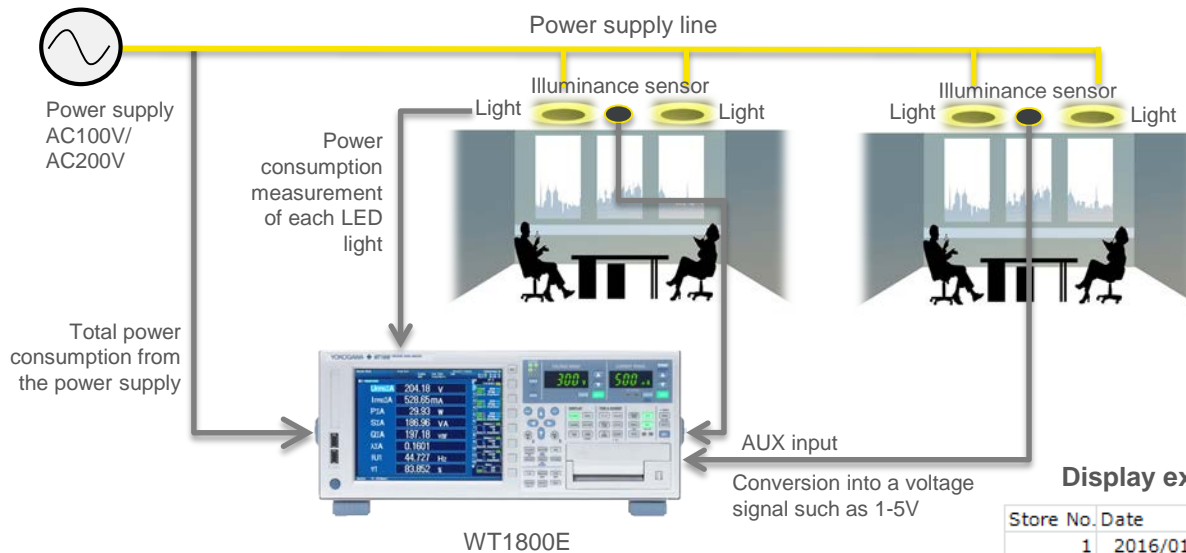
Power consumption evaluation of lights with the auto dimming control function linked with daylight

Since LED lights have illumination capability equivalent to that of existing lights, with less power consumption, they allow saving electric power consumption (and electric expenses). Recent LED lights are equipped with an illumination sensor. As well as lights turning on and off automatically, there is an increasing number of lights capable of performing automatic dimming control (or illumination adjustment dimming control) linked with daylight which meets the standard of energy-saving.

The WT1800E High Performance Power Analyzer can measure power consumption on up to 6 power lines simultaneously and small current lower than mA order.*

*5A input element is available. 50A input element also can be used for large current measurement.

Example of measurement with WT1800E



Manual saving capability of PC software

The WTViewerEfree software enables users to collect data on PC. The manual saving function allows saving data only of specified timing. Moreover, adding comments with keyboard input is very convenient. For example, saving data with a comment "Dimming rate: 80%" is available.

Display example of CSV data

Store No.	Date	Time	Millisecond	Urms-1-T	Idc-1-Tot	P-1-Total	Comments
1	2016/01	14:25:26	947	105.98	-0.0001	73.07	Illuminance 100%
2	2016/01	14:25:30	417	106.05	0	73.06	Illuminance 90%
3	2016/01	14:25:33	948	106.1	-0.0001	73.06	Illuminance 80%