lumiko

Part of klemko elektrotechniek
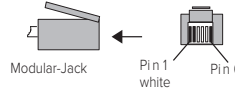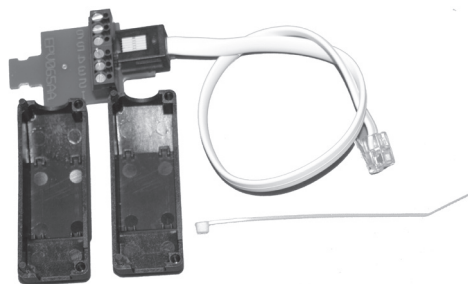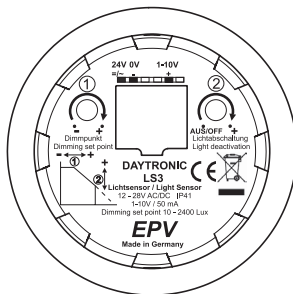
871790
SENSOR-DIMMTR

Technical Data

Power Supply, Power Consumption	1-10V Interface	Ambient Temperature	IP	Connection Pin Assignment		Dimming Speed	Light Range
12-24V DC max. 15 mA at 18 V (0.27 W)	max. 50 mA max. cable length 100 m	0 – 50° C (Indoor)	41	RJ12 Plug Pin 1: Power Supply Pin 2: 0 V Pin 3: vacant Pin 4: do not use Pin 5: + 1-10 V Pin 6: vacant	Modular-Jack Pin 1 white Pin 6	from dark to bright: approx. 30 seconds from bright to dark: approx. 60 seconds	approx. 10 - 2400 Lux

Function

Scope of delivery
1x DAYTRONIC LS3
1x Cabel Adapter KA2
(101947)

This light sensor LS3 measures the room light level and provides a voltage between 0V and 10V for daylight harvesting applications. If the total level of daylight and artifical light rises, the voltage at the output goes down. If an adjustable lightlevel is reached the LS3 can switch off (0V at the output). Two potentiometers at the rear of the enclosure enable adjustment of the dimming set point and light deactivation point.

Settings

① Dimming Set Point Adjustment
If the measured light value exceeds this set point, the dimming of the artifical light begins.
Adjustment towards – moves the set point to lower light level.
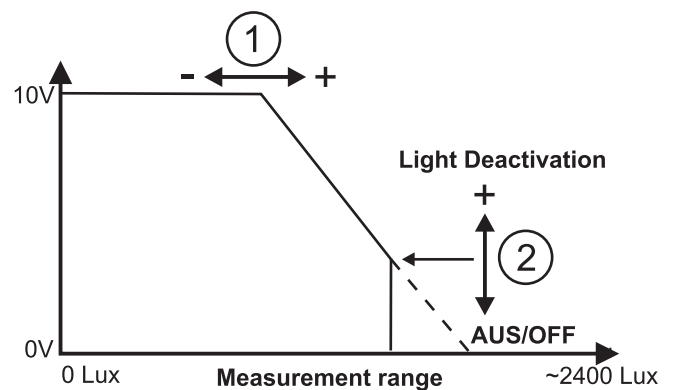Adjustment towards + moves the set point to higher light level.

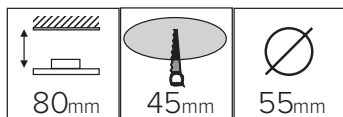**② Light Deactivation Adjustment**
Adjusts the light value at which the output drops to zero (max dimming).
When used with DIMMTRONIC M1000/3.3 or 5.3: Please note, if this function is used, the minimum adjustment on the dimmer needs to be set to "zero" (turned to left stop).
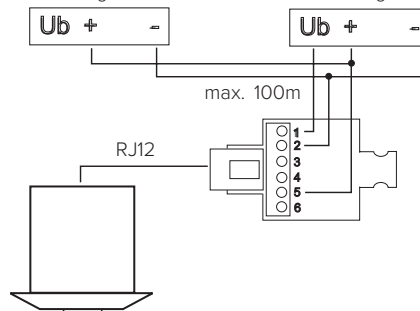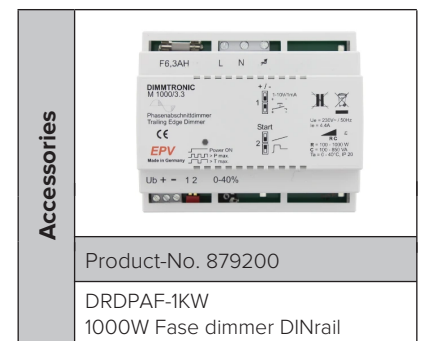

Installation Options & Accessories

80mm 45mm 55mm

The installation location should be at least 2m away from windows. The light sensor has to be mounted vertically towards the floor or work area.
In case of intensive side light and lots of glare, the adjustable pull-out shading device around the sensor should be used.

Connection example via cable adapter KA2
Connection to EPV DIMMTRONIC M1000/3.3 or M1000/5.3
Dimmer 1 e.g. M1000/3.3   Dimmer 2 e.g. M1000/5.3

max. 100m

RJ12

Accessories

Product-No. 879200

DRDPAF-1KW
1000W Fase dimmer DINrail