Daten
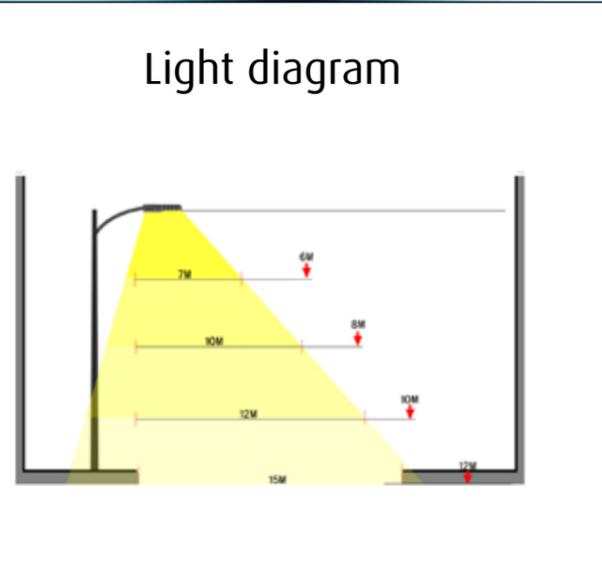
Remote button	Intensity, %	Active power, W	Power factor
0	100%	192	0,99
9	90%	183	0,99
8	80%	165	0,99
7	70%	144	0,99
6	60%	124	0,99
5	50%	104	0,99
4	40%	86	0,99
3	30%	67	0,99
2	20%	52	0,99
1	10%	37	0,99
⏻	0%	1.1	0

Light diagram

bocom licht technik
Energiespar-Technologien GmbH

NEW!!!

- ■ Lifetime of electronics = LED life.

- ■ The life of the ballasts in classic LED lighting is limited.

- ■ 17 electrolytic capacitors (eg 120W) can reduce the life of the ballast.
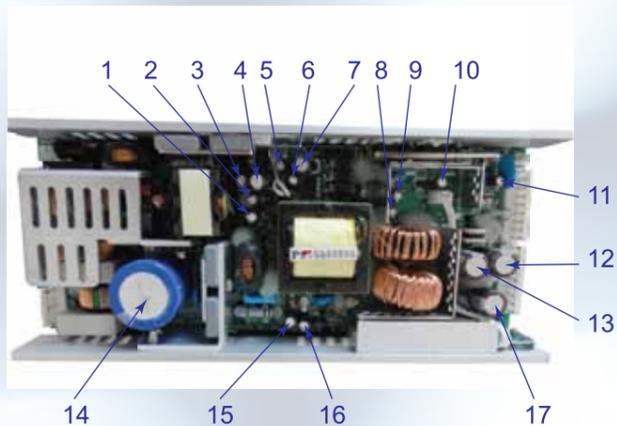
- ■ 2000 h / 85 ° lifetime of electrolytic capacitors.

The temperature, which leads to the drying out of the electrolytic capacitors, is made up of operating temperature and sunlight

Calculation of the lifetime:

$$L_x = L_{Spec} \cdot 2^{\frac{T_O - T_A}{10}}$$

Lx = to be calculated life
LSpec = specified lifetime (useful life, load life, service life)
T0 = upper temperature limit (°C or K)
TA = temperature capacitors (°C or K)

With the bocom 230V solution for LED street lights the life of the lamps is ensured even in hot regions and countries.

bocom LED Street Lights
Electrolytic Capacitors -FREE-

Million lamps to LED technology be changed globally in the next 3-5 years. This is to ensure an energy-efficient consumption, durability and freedom from maintenance.

The generally demanded by the market warranty period of 5 years and over is only possible with components whose life this time also ensured.

bocom system luminaire electrolytic capacitors FREE offers.

An LED street system solution without power supply and without electrolytic capacitors of bocom guaranteed even in warm countries, a long-lasting, energy-efficient and maintenance-free street and park lighting.

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bocom licht technik

The New Light

The new light

The future of street lighting.

"Green building concepts" are the future. ledφstreet puts an end to the era of conventional lamps in street lighting.

ledφstreet is the revolutionary generation of street lighting systems and captivates with great efficiency while producing a high light yield. Even with an optimal street illumination the CO_2-emissions and the energy costs will be reduced drastically.

ledφstreet provides all the advantages of an optimal street lighting and combines a long life and low maintenance expenses with a quick return of investments due to the significantly reduced operating costs. Use the physical advantages of the LED-technology with ledφstreet for your street lighting.
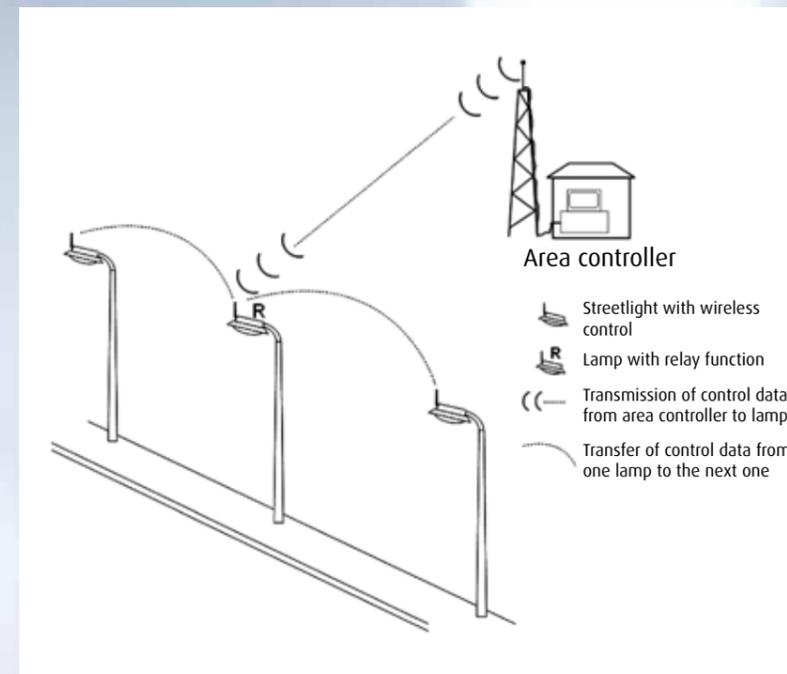
ledφstreet has an operation time which is up to factor 5 longer than the conventional streetlights. Thus, regardless of the lower energy consumption it is a cost effective investment in the long run.

ledφstreet adjusts the brightness stepless to the actual situation and reduces energy costs significantly.

ledφstreet is free of UV components as well as diffused light and prevents glare and disturbance of the night sky. Risks of accidents are considerably minimized.

Area controller

Streetlight with wireless control

Lamp with relay function

Transmission of control data from area controller to lamp

Transfer of control data from one lamp to the next one

Intelligent control and wireless networking

For the first time ledφstreet enables an intelligent optimization of the entire street lighting without additional installation of control cables.

The wireless signals create a network which allows, for example, a stepless adjustment of luminosity, the switching on of any desired lamp via motion detectors or over a predefined ambient light dependent controller.

Thus, with ledφstreet all currently known as well as any near future conceivable energy optimization sceneries can be implemented in a cost effective manner while reducing the operating costs significantly.

The wireless control serves at the same time for supervising the lighting and providing status messages. An operating hour logging and the automatic control of all network components avoid a cost intensive staff employment for inspection and manual data collection.

bocom system solution:

- 230V direct supply;
- Power factor Cosφ 0,99 at all dimming levels;
- No components that dry out;
- Temperature controlled;
- Consumption measurement for each lamp;
- Error feedback.