

Common Street Lights



Street Light Altair, 150W HPS



European made street light for 150 watt HID sodium or metal halide lamp. LS-003-15

Energy-saving street lamps, wide-band light distribution. With ballast and capacitor.

The lamp has the brightness of about 550 watt halogen light.

For Metal Halide Lamp Tubular TE40 150W (white light) or sodium vapor lamp NA-T 150W tubular (yellow light)

Please order the desired lamp extra.

Side entry mounted. Pole Ø 42 - 60 mm

For straight poles (Post top) Ø 42 - 78 mm in addition the adapter top LS-605 is required.

Reflector of pure aluminum.

Flat cover glass borosilicate glass.

Rugged cast aluminum housing with grey coating.

Hood made of UV resistant polymer. Tool-less opening, hinged (captive).

IP 54 (optical system), IP 23 (supply unit).

CE

Dimensions: L 735mm, W 355mm, H 190mm.

Weight: 7,7 kg

LED Street Lighting


**Power LED Street Light Fixture
SL 60W**


Bright LED street pole light 12V, 24V DC or 100V - 260V. About 60% energy economisation.
LS-111

About 12 years no lamp replacement, no maintenance costs, no reflectors cleaning.

This LED fixture can replace old streetlights with 2*58W T8 fluorescent lamp or 125W mercury vapor lamps.

You will save lots of electrical energy, maintenance costs and reach a better illumination.

The LEDs don't emit any UV light, so there are almost no insects attracted. Pleasant bright, low-glare, good visibility, durable and reliable in operation. Equivalent to 100W MH / sodium = 125W mercury lamp.

LED nominal power: 60W

With 54 pcs. Osram power SMD LED

Improved heat distribution by the use of many small LEDs which extends the service life.

Diesel generator suitable. The brightness remains constant even with fluctuating voltage.

Initial luminous flux:

(6350 Lm at 6000K daylight white)

6020 Lm at 4000K natural white,

(5400 Lm at 2700K warm white)

Mean lumens after 10000 h: - 5%

Central illumination: > 28 lux (6m)

Average illumination: > 20 lux (6m)

Different dimming options against surcharge:

half-light - with power reduction, switchable 50% - 100%,

1-10V infinitely dimmable,

PWM digital infinitely dimmable,

timer dimmer 100% power for the first 3 hours, reduced to 50% in the late night (next 5 hours) and in the early morning (rest of the time) 100% power again.

Pole height: 6 - 10 m

Recommended distance from pole to pole: 26 - 35m

Post top or side entry mounted. Pole: 48 - 60mm Ø

Adjustable fixture position 0 deg ... 90 degree

Rated power: 68 W

Working voltage: AC 100V - 260V 50-60Hz or DC 12V/24V

LED working current: 350mA

Power factor > 0.90

Protection grade: IP65

Resistance: IK10

Ambient working temperature: -35C ... +50C degree

Approval certificates CE & RoHS

Housing: aluminium die-cast, grey surfaced (other colours on request)

Dimensions: 540mm x 280mm x 90mm

Spareparts for the E-Block (driver) are available for 20 Years

Weight: 9 kg



**Power LED Street Light Fixture
SL 90W**



Very bright LED street pole light 24VDC or 100V - 260V. About 60% energy economisation.
LS-112

About 12 years no lamp replacement, no maintenance costs, no reflectors cleaning.

This LED fixture can replace old streetlights with 125W or 200W HQL mercury vapor lamps or 150W hps sodium lamps.

It saves lots of electrical energy, maintenance costs and reaches a better illumination.

The LEDs don't emit any UV light, so there are almost no insects attracted. Pleasant bright, low-glare, high visibility, durable and reliable in operation. The brightness corresponds to 150W MH hps sodium or a 200W mercury vapor lamp.

Nominal LED power: 90W

LED type: 80 pcs. Osram Power smd LED chip.

Improved heat distribution by the use of many small LEDs wich extends the service life.

Diesel generator suitable. The brightness remains constant even with fluctuating voltage.

Luminous flux: > 8100 Lm

mean lumens after 10000 h: - 5%

Central illumination: > 39 Lux (8m height)

Average illumination: > 23 Lux (8m)

Color temperature: 4000K pure white (3000K or 6000K as a special design)

Different dimming options against surcharge:

half-light - with power reduction, switchable 50% - 100%,

1-10V infinitely dimmable,

PWM digital infinitely dimmable,

timer dimmer 100% power for the first 3 hours, reduced to 50% in the late night (next 5 hours) and in the early morning (rest of the time) 100% power again.

Recommended mounting height : 8 - 12m

Recommended distance from pole to pole: 30 - 40m

Post top or side entry mounted. Pole: 60mm Ø

Adjustable fixture position 0 deg ... 90 degree

Rated power: 98W

Operating voltage: AC 100V - 260V 50-60Hz (on request DC 24V, 20.4V ... 28.8V)

LED operating current : 350 mA

Power factor: > 0.90

Degree of protection : IP65

Impact resistance: IK10

Ambient working temperature: -35°C ... +50C degree

Certification: CE & RoHS

Spare part procurement warranty on the E-block (driver) 20 years

Housing: aluminium die-cast in very high quality, gray RAL7005 (other colors on request)

Dimensions: 650mm x 300mm

Weight: 12 kg



**LED Street Light Fixture 60W
Module 24 Volt**



LS-120

Bright LED street pole light 12V, 24V DC or 100V - 260V. About 60% energy economisation.
LS-120

About 10 years no lamp replacement, no maintenance costs, no reflectors cleaning.
This LED fixture can replace old streetlights with 2*58W T8 fluorescent lamp or 125W mercury vapor lamps.
You will save lots of electrical energy, maintenance costs and reach a better illumination.

The LEDs don't emit any UV light, so there are almost no insects attracted. Pleasant bright, low-glare, good visibility, durable and reliable in operation. Equivalent to 100W MH / sodium = 125W mercury lamp.

LED nominal power: 60W

With 24 pcs. Osram power SMD LED

Improved heat distribution by the use of many small LEDs wich extends the service life.

Diesel generator suitable. The brightness remains constant even with fluctuating voltage.

Initial luminous flux:

(5413 Lm at 6000K daylight white)

4979 Lm at 4000K nature white,

(4083 Lm at 3000K warm white)

Mean lumens after 10000 h: - 5%

Central illumination: > 28 lux (6m)

Average illumination: > 20 lux (6m)

Different dimming options against surcharge:

half-light - with power reduction, switchable 50% - 100%,

1-10V infinitely dimmable,

PWM digital infinitely dimmable,

timer dimmer 100% power for the first 3 hours, reduced to 50% in the late night (next 5 hours) and in the early morning (rest of the time) 100% power again.

Pole height: 6 - 10 m

Recommended distance from pole to pole: 26 - 33m

Post side entry mounted. Pole: 60mm Ø

Rated power: 68 W

Working voltage: AC 100V - 260V 50-60Hz or DC 12V/24V

Power factor > 0.90

Protection grade: IP66

Resistance: IK10

Ambient working temperature: -35°C ... + 50C degree

Approval certificates CE & RoHS

Housing: aluminium die-cast, grey surfaced (other colours on request)

Dimensions: 505mm x 339mm x 65mm

Spareparts for the E-Block (driver) are available for 20 Years

MOQ: 10 pcs.

Weight: 7,5 kg



**LED Street Light Fixture 90W
Module**

Very bright LED street pole light 24VDC or 100V - 260V. About 60% energy economisation.
LS-121



**LED Street Light Fixture 90W
Module without driver**

Very bright LED street pole light 24VDC or 100V - 260V. About 60% energy economisation.
LS-121C



**LED Street Light Fixture 240W
Module**

Very bright LED street pole light. About 60% energy economization.
LS-126

	<p>LED Street Light Fixture Klick 40W</p>  <p>LS-143-I</p>	<p>LED street pole light with side entry. LS-134</p> <p>About 10 years no lamp replacement, no maintenance costs, no reflectors cleaning. The LED don't emit any UV light, so there are almost no insects attracted. Bright light with a wide beam shape, good visibility, durable and reliable in operation. Equivalent to 50W MH / sodium = 100W mercury lamp. With SMD power LED Initial luminous flux: 3800lm Central illumination: > 25 lux (5m) Average illumination: > 18 lux (5m) Color temperature: 6000K cold white Pole height: 4 - 7m Recommended distance from pole to pole: 20 - 25m Post side entry mounted. Pole: 60mm Ø For pole top mount an additional adapter is available. Protection grade: IP65 Environment temperature: -20°C ... +45°C Voltage: 220 - 240V Rated power: 42 W Power factor > 0.95 Surge protection Housing: aluminium die-cast, black Dimensions: 520 x 230 x 70 mm Weight: 2 kg</p>
	<p>LED Street Light Fixture Klick 60W</p>	<p>LED street pole light with side entry. LS-135</p>
	<p>LED Street Light Fixture Klick 100W</p>	<p>LED street pole light with side entry. LS-136</p>
	<p>LED Street Light Fixture PIX 32W</p>  <p>LS-150</p>	<p>Energy economizing LED street light. Rigid - High protection degree IP66. EU production LS-150</p> <p>Ideal for street lighting, bicycle path lighting, pedestrian zones, parking, etc. Save energy, maintenance costs and provide better illumination. Body: Pressure die-cast aluminum, Reflector: Anodized and sealed single piece high purity aluminium Cover: 4mm toughened glass Adjustable bracket 180 deg Recommended installation height: 3m - 8m</p> <p>Optical: Lighting source: LUXEON LEDs Luminous output: 4160 Lm Pleasant colour temperature: 4000K pure white Available in different radiating characteristics: Symmetric: Without optics for illuminating with maximum efficiency, asymmetrical: for large-area illumination of yard, park or facade, Street: Bi-symmetrical adapted to the elongated road.</p> <p>Voltage: 220V-240V, 50Hz - 60Hz Power consumption: 32W Protection degree: IP66 splashwater proof Quality made in Europe Certification: CE, RoHs, ENEC Shock resistance: IK10 Wind load: 0.11m² Dimensions: L 395 mm, w 283, h 97 mm Weight: 6,2 kg</p>



LED Street Light Fixture PIX 64W



Energy economizing LED street light. Rigid - High protection degree IP66. EU production
LS-151

Ideal for street lighting, bicycle path lighting, pedestrian zones, parking, etc. Save energy, maintenance costs and provide better illumination.

Body: Pressure die-cast aluminum,

Reflector: Anodized and sealed single piece high purity aluminium

Cover: 4mm toughened glass

Adjustable bracket 180 deg

Recommended installation height: 5m - 10m

Optical:

Lighting source: LUXEON LEDs

Luminous output: 8320 Lm

Pleasant colour temperature: 4000K pure white

Available in different radiating characteristics:

Symmetric: Without optics for illuminating with maximum efficiency,

asymmetrical: for large-area illumination of yard, park or facade,

Street: Bi-symmetrical adapted to the elongated road.

Voltage: 220V-240V, 50Hz - 60Hz

Power consumption: 64W

Protection degree: IP66 splashwater proof

Quality made in Europe

Certification: CE, RoHs, ENEC

Shock resistance: IK10

Wind load: 0.11m²

Dimensions: L 395 mm, w 283, h 97 mm

Weight: 6,2 kg



LED Street Light Fixture PIX 96W



Energy economizing LED street light. Rigid - High protection degree IP66. EU production
LS-152

Ideal for street lighting, bicycle path lighting, pedestrian zones, parking, etc. Save energy, maintenance costs and provide better illumination.

Body: Pressure die-cast aluminum,

Reflector: Anodized and sealed single piece high purity aluminium

Cover: 4mm toughened glass

Adjustable bracket 180 deg

Recommended installation height: 6m - 11m

Optical:

Lighting source: LUXEON LEDs

Luminous output: 12480 Lm

Pleasant colour temperature: 4000K pure white

Available in different radiating characteristics:

Symmetric: Without optics for illuminating with maximum efficiency,

asymmetrical: for large-area illumination of yard, park or facade,

Street: Bi-symmetrical adapted to the elongated road.

Voltage: 220V-240V, 50Hz - 60Hz

Power consumption: 101W

Protection degree: IP66 splashwater proof

Quality made in Europe

Certification: CE, RoHs, ENEC

Shock resistance: IK10

Wind load: 0.11m²

Dimensions: L 395 mm, w 283, h 97 mm

Weight: 6,6 kg



LED Street Light Fixture PIX 128W



Energy economizing LED street light. Rigid - High protection degree IP66. EU production
LS-153

Ideal for street lighting, bicycle path lighting, pedestrian zones, parking, etc. Save energy, maintenance costs and provide better illumination.

Body: Pressure die-cast aluminum,
Reflector: Anodized and sealed single piece high purity aluminium
Cover: 4mm toughened glass
Adjustable bracket 180 deg
Recommended installation height: 8m - 12m

Optical:

Lighting source: LUXEON LEDs
Luminous output: 16640 Lm
Pleasant colour temperature: 4000K pure white
Available in different radiating characteristics:
Symmetric: Without optics for illuminating with maximum efficiency,
asymmetrical: for large-area illumination of yard, park or facade,
Street: Bi-symmetrical adapted to the elongated road.

Voltage: 220V-240V, 50Hz - 60Hz
Power consumption: 130W
Protection degree: IP66 splashwater proof
Quality made in Europe
Certification: CE, RoHS, ENEC
Shock resistance: IK10
Wind load: 0.11m²
Dimensions: L 395 mm, w 283, h 97 mm
Weight: 6,62 kg



LED Street Light Fixture 30W Skyline



Energy saving LED street pole light made in Europe. About 60% energy economisation.
LS-160

About 12 years no lamp replacement, no maintenance costs, no reflectors cleaning.
This LED fixture can replace old streetlights with 2*40W T8 fluorescent lamp or 80W mercury vapor lamps.

You will save lots of electrical energy, maintenance costs and reach a better illumination.

The LEDs don't emit any UV light, so there are almost no insects attracted. Pleasant bright, low-glare, good visibility, durable and reliable in operation. Equivalent to 50W MH / sodium = 100W mercury lamp.

With 4 pcs. power SMD LED
Improved heat distribution by the use of many small LEDs which extends the service life.

Diesel generator suitable. The brightness remains constant even with fluctuating voltage.

Initial luminous flux: > 4300lm

Mean lumens after 10000 h: - 5%

Central illumination: > 25 lux (4m)

Average illumination: > 18 lux (4m)

Color temperature: 4000K pure white (3000K or 6000K as a special design)

Different dimming options against surcharge:

half-light - with power reduction, switchable 50% - 100%,

1-10V infinitely dimmable,

DALI digital infinitely dimmable

Recommended pole height: 4 - 7m

Distance from pole to pole: 20 - 25m

Post top or side entry mounted. Pole: 60mm Ø

Adjustable fixture position 0 deg ... 90 degree

Rated power: 32 W

Operating voltage: AC 100V ... 240V, 50Hz-60Hz or DC 12V/24V

LED working current: 700mA

Power factor > 0.90

Protection grade: IP66

Shock resistance: IK10

Environment temperature: -25°C ... +45°C

Certification: CE & RoHS

Housing: aluminium die-cast, solid and high quality, grey surfaced RAL7005 (other colors on request)

Dimensions: 480mm x 260mm x 82mm

Spareparts for the E-Block (driver) are available for 20 Years

Weight: 10,56 kg



LED Street Light Fixture 60W Skyline



LS-161

Bright LED street pole light made in Europe. About 60% energy economisation.
LS-161

About 12 years no lamp replacement, no maintenance costs, no reflectors cleaning.

This LED fixture can replace old streetlights with 2*58W T8 fluorescent lamp or 125W mercury vapor lamps.

You will save lots of electrical energy, maintenance costs and reach a better illumination.

The LEDs don't emit any UV light, so there are almost no insects attracted. Pleasant bright, low-glare, good visibility, durable and reliable in operation. Equivalent to 100W MH / sodium = 125W mercury lamp.

LED nominal power: 60W

SMD Power LED Chip: 8 pcs.

Improved heat distribution by the use of many small LEDs which extends the service life.

Diesel generator suitable. The brightness remains constant even with fluctuating voltage.

Initial luminous flux: 8600 lm

Mean lumens after 10000 h: - 5%

Central illumination: > 28 lux (6m)

Average illumination: > 20 lux (6m)

Color temperature: 4000K pure white (3000K or 6000K as a special design)

Different dimming options against surcharge:

half-light - with power reduction, switchable 50% - 100%,

1-10V infinitely dimmable,

DALI digital infinitely dimmable

Pole height: 6 - 10 m

Recommended distance from pole to pole: 26 - 35m

Post top or side entry mounted. Pole: 60mm Ø

Adjustable fixture position 0 deg ... 90 degree

Rated power: 64 W

Working voltage: AC 220V - 240V 50-60 Hz

LED working current: 700mA

Power factor > 0.90

Protection grade: IP66

Resistance: IK10

Ambient working temperature: -35C ... +50C degree

Approval certificates CE & RoHS

Housing: aluminium die-cast, grey surfaced (other colours on request)

Dimensions: 540mm x 280mm x 90mm

Spareparts for the E-Block (driver) are available for 20 Years

Weight: 10,6 kg



LED Street Light Fixture 90W Skyline



LS-161

Very bright LED street pole light made in Europe. About 60% energy economisation.
LS-162

About 12 years no lamp replacement, no maintenance costs, no reflectors cleaning.

This LED fixture can replace old streetlights with 125W or 200W HQL mercury vapor lamps or 150W hps sodium lamps.

It saves lots of electrical energy, maintenance costs and reaches a better illumination.

The LEDs don't emit any UV light, so there are almost no insects attracted. Pleasant bright, low-glare, high visibility, durable and reliable in operation. The brightness corresponds to 150W MH hps sodium or a 200W mercury vapor lamp.

Nominal LED power: 90W

LED type: 12 pcs. smd power LED chip.

Improved heat distribution by the use of many small LEDs wich extends the service life.

Diesel generator suitable. The brightness remains constant even with fluctuating voltage.

Luminous flux: > 12900 Lm

mean lumens after 10000 h: - 5%

Central illumination: > 39 Lux (8m height)

Average illumination: > 23 Lux (8m)

Color temperature: 4000K pure white (3000K or 6000K as a special design)

Different dimming options against surcharge:

half-light - with power reduction, switchable 50% - 100%,

1-10V infinitely dimmable,

DALI digital infinitely dimmable,

Recommended mounting height : 8 - 12m

Recommended distance from pole to pole: 30 - 40m

Post top or side entry mounted. Pole: 60mm Ø

Adjustable fixture position 0 deg ... 90 degree

Rated power: 96W

Operating voltage: AC 100V - 260V 50-60Hz (on request DC 24V, 20.4V ... 28.8V)

LED operating current : 700 mA

Power factor: > 0.90

Degree of protection : IP66

Impact resistance: IK10

Ambient working temperature: -35°C ... +50C degree

Certification: CE & RoHS

Spare part procurement warranty on the E-block (driver) 20 years

Housing: aluminium die-cast in very high quality, gray RAL7005 (other colors on request)

Dimensions: 650mm x 300mm

Weight: 10,75 kg



LED Street Light Fixture 120W Skyline



LS-161

Very bright LED streetlight made in Europe. About 60% energy economisation.
LS-164

About 12 years no lamp replacement, no maintenance costs, no reflectors cleaning.

This LED fixture can replace old streetlights with 250W mercury vapor lamps or 150W MH lamps.

You will save lots of electrical energy, maintenance costs and reach a better illumination.

The LED don't emit any UV light, so there are almost no insects attracted.

Very bright, pleasant low-glare, good visibility, durable and reliable in operation.

Equivalent to 180W MH / sodium = 250W mercury lamp.

Nominal LED power: 120W

With 16 pcs. power SMD LED

Improved heat distribution by the use of many small LEDs wich extends the service life.

Luminous flux: > 17200lm

mean lumens after 10000 h: - 5%

Central illumination: > 38lux (10m)

Average illumination: > 23lux (10m)

Color temperature: 4000K pure white (3000K or 6000K as a special design)

Different dimming options against surcharge:

half-light - with power reduction, switchable 50% - 100%,

1-10V infinitely dimmable,

DALI digital infinitely dimmable,

Pole height: 10 - 12m

Recommended distance from pole to pole: 35m - 45m

Post top or side entry mounted. Pole: 60mm Ø

Adjustable fixture position 0 deg ... 90 degree

Rated power: 128 W

Working voltage: AC 100V ... 240V 50Hz-60Hz or DC 24V (20.4V ... 28.8V)

LED working current: 700mA

Power factor > 0.90

Protection grade: IP66

Impact resistance: IK10

Environment temperature: -35°C ... +50°C

Approval certificates: CE & RoHS

Spareparts for the E-Block (driver) are available for 20 Years

Housing: aluminium die-cast, grey surfaced (other colours on request)

Dimensions: 800mm x 360mm

Weight: 10,8 kg



**Power LED Street Light Fixture
160W Skyline**



LS-161

Very bright LED street pole light made in Europe. About 60% energy economisation.

High protection against water and sand storms.

LS-165

About 10 years no lamp replacement, no maintenance costs, no reflectors cleaning.

This LED fixture can replace old streetlights with 250W MH / sodium or 400W mercury lamp.

It saves lots of electrical energy, maintenance costs and reaches a better illumination.

The LED don't emit any UV light, so there are almost no insects attracted. Very bright, pleasant low-glare, good visibility, durable and reliable in operation.

Nominal LED power: 160W

With 20 pcs. power SMD LED

Improved heat distribution by the use of many small LEDs wich extends the service life.

Luminous flux: > 21500lm

mean lumens after 10000 h: - 5%

Central illumination: > 42lux (12m)

Average illumination: > 33lux (12m)

Color temperature: 4000K pure white (3000K or 6000K as a special design)

Different dimming options against surcharge:

half-light - with power reduction, switchable 50% - 100%,

1-10V infinitely dimmable,

DALI digital infinitely dimmable,

Pole height: 10 - 15m

Recommended distance from pole to pole: 35m - 45m

Post top or side entry mounted. Pole: 60mm Ø

Adjustable fixture position 0 deg ... 90 degree

Rated power: 160 W

Working voltage: AC 100V ... 240V 50Hz-60Hz or DC 24V (20.4V ... 28.8V)

LED working current: 700mA

Power factor > 0.90

Protection grade: IP66

Resistance: IK10

Environment temperature: -25°C ... +50°C

Approval certificates: CE & RoHS

Spareparts for the E-Block (driver) are available for 20 Years

Housing: aluminium die-cast, grey surfaced (other colours on request)

Dimensions: 990mm x 360mm

Weight: 10,91 kg

	<p>LED Street Light Fixture Curve 60W</p>	<p>Energy economizing LED street light in super flat, bended design. Rigid - High protection degree IP66. As replacement to 150w sodium lamps. LS-172</p>
		<p>This LED-lamp is recommended for the lighting of: yards, pedestrian precincts, roads, parking lots, industrial premises and territories. Save energy, maintenance costs and provide better illumination. Housing of aluminum - very light but stable. powder coated in gray colour (on special order also in any RAL colour). Quality - made in Europe Recommended installation height: 6m - 9m</p>
		<p>Optical datas: LED: SMD chips from LG, Seoul Semiconductor (South Korea) Luminous efficacy: 140 Lm/W Luminous flux: 8400 Lm Pleasant color temperature: 4000K neutral white (on order 3000K or 6000K) Radiation: 170° Bi-symmetrical adapted to the elongated road.</p>
		<p>Electrial features: Operating voltage: 110V - 270V Frequency: 50 - 60Hz Power consumption: 60W Power Factor: > 0.9</p>
		<p>Mechanische Eigenschaften: Ambient temperature: -40°C ... + 50°C Protection: IP65 splashproof Impact resistance: IK08 Wind load: 0.198m² Mount type: console, side entry, max. 50mm diameter Dimensions: L 360 mm, w 470 x h 95 mm Certification: CE Weight: 3 kg</p>

Common Street Lights

	<p>Street Light Soul 70W</p>	<p>Decorative, round street light fixture for sodium lamp or mh HQI 70 W. Made in Europe LS-200</p>
		<p>Modern and elegant street lighting developed for urban and residential lighting. Suitable also for streets lighting, parking lots, yards and gardens. Product specifications Housing, opening hook, covering and pole fixing block: die-cast aluminium. Fixing block suitable for 60 mm poles Adapter is required for 40 mm pole. Surface: thermosetting polyester powder paint. Wiring plate: easily removable nylon fiber glass. Protection glass: tempered 4 mm. Optic: cut-off anodized and polished 99.85 pure aluminium. Power supply: 230V 50Hz. Switching socket supplied as standard. Positioning tilt system: from 0° to +15°, 4 positions. Variable lamp focus for optimized optic performance. Protection grade: IP66 Resistance: IK10 Wind load 0,213m² Weight: 7,91 kg</p>

	<p>Road Light Soul 150W</p>	<p>Decorative, round street light fixture for sodium lamp or mh HQI 150 W. Made in Europe LS-202</p>
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LED Street Lighting

	<p>LED Street Light Soul 36W</p>	<p>Decorative, bright LED street light fixture. Made in Europe LS-205-3</p>
	<p>LED Street Light Soul 60W</p>	<p>Decorative, bright LED street light fixture. Made in Europe LS-205-5</p>

	LED Street Light Soul 96W	Decorative, bright LED street light fixture. Made in Europe LS-205-7
	LED Street Light Soul 128W	Decorative, bright LED street light fixture. Made in Europe LS-205-8
	LED Street Light Soul 160W	Decorative, round LED street light fixture. Energy saving and very bright. Made in Europe LS-205-9

Flood Lights for Rescue and Fire Brigade

	Signal Light with Pole, solar powered	LS-9000
		<p>Luminaire head steel frame red with inserted acrylic glass panes, matte white, backlit. With black number of externally glued, consecutively numbered according to customer specification. Solar module, charger and battery for self-charging in daylight. Protection against overcharge and deep discharge. The light signal is switched on via a break-proof switch in the lower part of the mast. Luminous intensity max. 1 hour per day. LED light power 15 watts Visibility up to 5km at night. Steel mast for burial or foundation, galvanized and red / white lacquered, Overall height 290 cm Weight: kg</p>

SOX LPS Street Lights



**Street Light Alto SOX 35W LPS
24V DC**



extrem low energy consumption, operating voltage 24V DC, for LPS lamp, low pressure sodium lamp.
LS-ALTOSOX35

Robust aluminum housing, made in the EU.
For use on existing solar systems.

Also suitable for shaded areas with trees or covered street guides, which are supplied via a central solar module system.

See our accessories list. (For underpasses and tunnels we offer stainless steel tunnel lights for mains or solar operation.)

The SOX low-pressure sodium lamp has the highest efficiency, well above fluorescent, HQI, high pressure sodium and LED technology. Electronic ballast, especially low loss.

The lamp requires only 36.2 watts and generates 4600 lumens (as bright as about 300 watts of halogen light).

Incl. overload protected, electron. Ballast for lamp SOX 35W Socket BY22d. The bulb is already included.

The light color is monochromatic yellow, 2000K

The life of the light source is 18,000 hours.

A robust, low-maintenance luminaire, wherever there is no power supply available.

When switched on, the light needs approx. 5 - 8 minutes to reach its full brightness.

In the event of a power failure and restart, the light will be back on instantly without waiting.

Operating voltage 20V - 30V DC DC voltage (nominal voltage 24V)

On request also available in 12V DC.

Current consumption: 1.48 A (at 24 V)

For mounting on jibs (mast extension) Ø 42 - 60 mm.

For straight poles (pole attachment) Ø 42 - 78 mm, the adapter Top LS-605 is additionally required.

Reflector made of ultra-pure aluminum.

Flat cover glass made of clear borosilicate glass.

Robust die-cast aluminum housing with gray powder coating.

Hood made of UV-resistant polymer. Can be opened without tools, with hinge (captive).

Also for high ambient temperatures: - 30 ° C ... + 50 ° C

Degree of protection IP 54 (optical system), IP 23 (supply unit). CE

Protection class 3

Dimensions: L 735mm, W 355mm, H 190mm.

Weight: 7 kg



Street Light Alto SOX 35W LPS



extrem low energy consumption, operating voltage 220V AC, for LPS lamp, low pressure sodium lamp.
LS-ALTOSOX36

Robust aluminum housing, made in the EU.

For use on existing solar systems.

Also suitable for shaded areas with trees or covered street guides, which are supplied via a central solar module system.

See our accessories list. (For underpasses and tunnels we offer stainless steel tunnel lights for mains or solar operation.)

The SOX low-pressure sodium lamp has the highest efficiency, well above fluorescent, HQI, high pressure sodium and LED technology.

Electronic ballast, especially low loss.

The lamp requires only 36.2 watts and generates 4600 lumens (as bright as about 300 watts of halogen light).

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The bulb is already included.

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The life of the light source is 18,000 hours.

A robust, low-maintenance luminaire, wherever there is no power supply available.

When switched on, the light needs approx. 5 - 8 minutes to reach its full brightness.

In the event of a power failure and restart, the light will be back on instantly without waiting.

Operating voltage 220V - 240V AC

On request also available in 12V or 24V DC.

For mounting on jibs (mast extension) Ø 42 - 60 mm.

For straight poles (pole attachment) Ø 42 - 78 mm, the adapter Top LS-605 is additionally required.

Reflector made of ultra-pure aluminum.

Flat cover glass made of clear borosilicate glass.

Robust die-cast aluminum housing with gray powder coating.

Hood made of UV-resistant polymer. Can be opened without tools, with hinge (captive).

Also for high ambient temperatures: - 30 ° C ... + 50 ° C

Degree of protection IP 54 (optical system), IP 23 (supply unit). CE

Protection class 3

Dimensions: L 735mm, W 355mm, H 190mm.

Weight: 7 kg

Lighting for traffic tunnel and gas station



LED Tunnel Light 154W IP65



LS-D145

Floodlight for traffic tunnel, building site, gas station, warehouse. Energy saving power LED 154 watt - as bright as 1500W halogen light.
LS-D145

Very bright luminary for adjustable mount on wall or ceiling.

Beam angle: symmetrically 130° x 50°

With built-in LED driver and stabilization for uniform brightness even when voltage fluctuates.

Low power consumption, no maintenance costs, very long life.

Completely ready for operation, including LED lamps.

Due to the large number of power LEDs, providing better heat distribution in the fixture and a longer service life.

LED: Bridgelux Power LED 154 pcs.

Luminous Flux: 15400 lm

Color Rendering Index: > 75

Input Voltage: AC 100 - 240V

Frequency range 50 - 60Hz

Power Factor 0.96

Ambient temperature during operation: -25 Deg C ... +50 Deg C

Total power consumption: 159W

Ambient humidity: 10% - 90%

LED power: 154W

Life time: 50000H

Color temperature: 5600 K (daylight)

Very rigid aluminium die-cast casing with silver finishing and adjustable mounting bracket.

Protection Grade IP66 for outdoor and dustproof

Dimensions: 738mm * 306mm, Height 70 mm

Weight: 13,8 kg

Common Street Lights



Street Light Fixture Apagon 70W, 150W, 250W HPS



Very rigid street light for mercury / sodium / metal halide lamp. IP65 European brand LS-P11

Also proper for: tropical countries, high ambient temperatures, high humidity, salty mist,

sandstorms, extremely low temperatures -40°C (optional to -60°C)

Anodized pure-aluminium reflector

Die-cast aluminium body, grey color.

Diffusor: clear, hardened glass, flat 4mm.

Incl. low-loss ballast and electronic ignitor.

Adjustable lamp focus for maximum efficiency, depends on the used lamp.

Fitting for the following lamps in elliptical or tubular shape:

sodium lamp HPSV, NAV, SON 70 - 150 - 250 W (yellow light, energy-saving)

high pressure mercury lamp HPMV, HQL, HPL E40 125W (white light)

metal halide lamp MH, HQI E40 70 - 150 - 250 W (white light, true color rendering)

(The lamp must be ordered extra)

2 quick release fasteners made of stainless steel

Optionally: Automatic circuit breaker when opening the case.

For post top or side entry mount on masts with 60mm Ø.

Adjustable inclination +- 15°

wind load: 0,158m²

IP rating: IP65 for lamp comparison and control gear, splash waterproof.

Protection class II

Shock resistance: IK10

Certification: CE

Measurements: L 598 mm, w 265 mm, h 185 mm

Weight: 8,9 kg

SOX LPS Street Lights



Street Light Fixture LPS 55W AC DC



Streetlight for sodium low pressure lamp 55 W LPSV, 24V battery or 230V operation. Made in Europe. Also for industrial or sluice lighting. LS-SOX55DC

Energy saving lamp for grid or solar voltage operation.

With electronic ballast for extended lamp life and improved light output.

Good lighting at low maintenance costs.

Operating voltage 200 - 240V 50-60Hz or 24V DC

With lamp holder BY22d for light source SOX 55W.

The lamp must be ordered extra.

Mounting: Side entry for curved street light poles with 42 - 60mm end diameter.

(Optional available for post top mount).

With stainless steel quick closing clips.

Protection degree IP65

The clear cover is made of polycarbonate.

Rigid plastic casing with steel mounting block Ø 42 - 60mm.

Dimensions: l 550mm, w 190mm, h 115mm.

Weight: 4,1 kg

Common Street Lights



Street Light Fixture Avant 250W / 400W HPS



Very rigid street light for 250 watt mercury / sodium / metal halid lamp. IP65 LS-T250

Some applications: Tropical countries, high ambient temperature, humidity, salty mist, sand storm, extreme low temperatures -40°C (optionally -60°C)
Housing: Aluminium die-cast, grey powder-coated.

Diffusor: Clear glass, hardened, flat 4mm.

Incl. low-loss ballast, ignitor and capacitor.

Ceramic lamp holder E40 with adjustable lamp position for maximum optic performance.

For following lamps in elliptical or tubular shape:

HPS sodium vapor high pressure lamp HPSV, NAV, SON E40 250 watt (yellow light, very energy economizing),

Mercury vapor lamp HPMV, HPL, HQL E40 250 watt (white light),

Metal halid high pressure lamp MH /HID E40 250 watt (white light, good colour rendering).

(The lamp has to be ordered separately.)

Reflector made of eloxated pure aluminium

Adjustable lamp position for maximum efficiency, depending on the lamp type.

2 stainless quick clips to close/open the housing.

Optionally: Automatic circuit breaker when opening the case.

For mast-top or side-entry mount, 60 mm (1 3/4 inch) pole size.

Adjustable tilt +- 10°.

Wind load: 0,275m²

IP rating: IP65 for lamp comparsion and control gear, splash waterproof.

Protection class II

Shock resistance: IK10

Certification: CE

Dimensions: l 720 mm, w 387 x h 224 mm

Optionally:

Adaptor for pole 40mm (1 1/4 inch) - 80mm

Weight: 11,5 kg



Street Light Suspension Fixture High City HPS



Pendant street lamp HPSV 100W, 150W, 250W high pressure sodium, hanging on a steel wire rope. LS-V01

Decorative, energy saving light for hang-up installation on steel cable. Protection class IP65, insulation class II, european conformity declaration ENEC 17.

Housing: aluminium diecast, black / silvergry powder coated

Reflector 99,85% pure aluminium, cut-off.

Protection screen: Hardened glas

With ballast, ignitor and lamp holder E40 for HPSV lamp.

Lamp has to be ordered separately.

Weight: 10,2 kg

LED Street Lighting



**LED Street Light Suspension
55W-79W**



LS-V12

Pendant street lamp 55W or 79W, hanging on a steel wire rope.
LS-V11

Areas of use: main thoroughfares, pedestrian crossings, squares and industrial facilities.
Approximately 12 years no lamp change, no maintenance costs, no reflectors clean.
The LEDs do not emit ultraviolet light, so no insects are lured.
Pleasantly bright, low-glare, good visibility, long-lasting and safe in operation.
LED Make CREE

Available in:
48 LED 350mA, 55W, 6550lm
48 LED 500mA, 79W, 8850lm
The use of many small LEDs means that the heat distribution is better and thus the service life is prolonged.
The brightness corresponds to 100W NAV = 125W HQL mercury vapor lamp.

Light color: 4000K neutral white (as a custom-made 3000K or 6500K)

Light distribution 2 x asymmetric

Recommended distance, luminaire to luminaire: 26 - 35m

Fastening: Stainless steel support bracket, adjustable by 15 °, for attachment to 6 to 12mm diameter suspension cables.

With energy saving Philips LED driver.

Protection class: IP65

Impact strength: IK10

Ambient temperature: -35 ° C ... + 50 ° C

Operating voltage: AC 100V - 260V 50-60Hz

Standard version not dimmable

For an additional charge with different dimmer options:

 Halblicht </ b> - With power reduction, switchable 50% - 100%,

 1-10V </ b> - Continuously dimmable,

 DALI </ b> - Continuously digital dimmable,

Power consumption: 55W / 79W

Power factor > 0.90

Certification: CE, RoHS, TÜV Süd

Spare parts procurement warranty on the E-Block (driver) 20 years

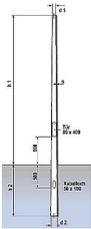
Housing Alu-die-cast solid and very high-quality, gray RAL7005 (other colors on request)

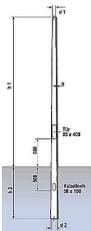
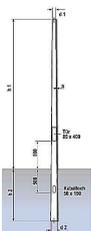
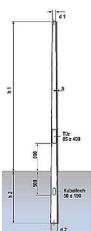
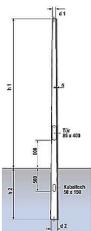
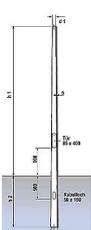
Cover: PMMA

Dimensions: 540mm x 275mm x 67mm

Weight: 7,2 kg

	<p>LED Street Light Suspension 80W-116W</p>	<p>Pendant street lamp 80W or 116W, hanging on a steel wire rope. LS-V12</p> <p>Areas of use: main thoroughfares, pedestrian crossings, squares and industrial facilities. Approximately 12 years no lamp change, no maintenance costs, no reflectors clean. The LEDs do not emit ultraviolet light, so no insects are lured. Pleasantly bright, low-glare, good visibility, long-lasting and safe in operation. LED Make CREE</p> <p>Available in: 72 LED 350mA, 80W, 9500lm 72 LED 500mA, 116W, 12800lm</p> <p>The use of many small LEDs means that the heat distribution is better and thus the service life is prolonged. The brightness corresponds to 150W NAV = 250W HQL mercury vapor lamp.</p> <p>Light color: 4000K neutral white (as a custom-made 3000K or 6500K) Light distribution 2 x asymmetric Recommended distance, luminaire to luminaire: 30 - 40m Fastening: Stainless steel support bracket, adjustable by 15 °, for attachment to 6 to 12mm diameter suspension cables. With energy saving Philips LED driver. Protection class: IP65 Impact strength: IK10 Ambient temperature: -35 ° C ... + 50 ° C Operating voltage: AC 100V - 260V 50-60Hz Standard version not dimmable For an additional charge with different dimmer options: Halblicht </ b> - With power reduction, switchable 50% - 100%, 1-10V </ b> Continuously dimmable, DALI </ b> Continuously digital dimmable, Power consumption: 80W / 116W Power factor > 0.90 Certification: CE, RoHS, TÜV Süd Spare parts procurement warranty on the E-Block (driver) 20 years Housing Alu-die-cast solid and very high-quality, gray RAL7005 (other colors on request) Cover: PMMA Dimensions: 540mm x 275mm x 67mm Weight: 7,2 kg</p>
		

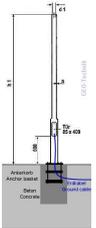
Straight Steel Poles		
<p>Street Light Pole 2.5m cylindrical</p>	<p>Hot dip galvanized steel pole, 2.5 meter for street lighting. LS-ZM102BZ</p>	
	<p>Tapered Street Light Pole 3m</p> <p>Hot dip galvanized steel pole, 3 meter conical, for street lighting.</p>	<p>Luminaire mast, resistant to vandalism and environmental influences. Hot-dip galvanized, resistant to weathering and corrosion For an additional charge painted in any RAL color (powder-coated). Steel mast according to DIN EN 40-4. With door 85 x 400 mm. For mounting a street light or lantern. With earth connection</p> <p>Dimensions: h1 visible length = 3000 mm h2 soil = 600 mm Foundation depth 66cm Pole end braid Ø = 60 mm d2 foot Ø = 110 mm s wall thickness = 3 mm LS-ZM103K</p>
<p>Street Light Pole 3m cylindrical</p>		<p>Hot dip galvanized steel pole, 3 meter for street lighting. LS-ZM103Z</p>

	<p>Tapered Street Light Pole 4m</p> <p>Hot dip galvanized steel post, 4 meter conical, for street lighting.</p>	<p>Resistant to vandalism and environmental influences. Dip galvanized steel. Against surcharge available additional powder-coated in each RAL colour. Painting: Against surcharge available with additional powder coating in any RAL colour. To DIN EN 40. With lockable door 85 x 400 mm. For mounting of a floodlight or a street light fixture. Pole top Ø = 60 mm LS-ZM104K</p>
<p>Street Light Pole 4m cylindrical</p>		<p>Hot dip galvanized steel post, 4 meter for street lighting. LS-ZM104Z</p>
	<p>Tapered Street Light Pole 5m</p> <p>Hot dip galvanized steel mast, conical, 5 meter high.</p>	<p>Resistant to vandalism and ambient influences. Dip galvanized steel. Painting: Against surcharge available with additional powder coating in any RAL colour. To DIN EN 40. With lockable door 85 x 400 mm. For mounting of a floodlight or a street light fixture. LS-ZM105K</p>
<p>Street Light Pole 5m cylindrical</p>		<p>Hot dip galvanized steel post 5 meter for street lighting. LS-ZM105Z</p>
	<p>Tapered Street Light Pole 6m</p> <p>Hot dip galvanized steel pole, conical, 6 meter height.</p>	<p>Resistant to vandalism and environmental influences. Dip galvanized steel. Painting: Against surcharge available with additional powder coating in any RAL colour. To DIN EN 40. With lockable door 85 x 400 mm. For mounting of a floodlight or a street light fixture. Dimensions: h1 length = 6000 mm / h2 inground = 1000 mm. Foundation depth 110cm Pole top Ø = 60 mm oder 76mm d2 foot Ø = 130 mm / s material strength= 3 mm LS-ZM106K</p>
<p>Street Light Pole 6m cylindrical</p>		<p>Hot dip galvanized steel pole, 6 meter height. LS-ZM106Z</p>
	<p>Street Light Pole 7m tapered</p> <p>Hot dip galvanized steel pole, conical, 7 meter height.</p>	<p>Resistant to vandalism and environmental influences. Dip galvanized steel. Painting: Against surcharge available with additional powder coating in any RAL colour. To DIN EN 40. With lockable door 85 x 400 mm. For mounting of a floodlight or a street light fixture. Dimensions: h1 length = 7000 mm / h2 inground = 1200 mm. Pole top Ø = 76mm. d2 foot Ø = 158 mm / s material strength= 3 mm. LS-ZM107K</p>
<p>Street Light Pole 7m cylindrical</p>		<p>Hot dip galvanized steel column, 7 meter height. LS-ZM107Z</p>
<p>Street Light Pole 8m</p>		<p>Steel mast, hot dip galvanized, 8 meter high. LS-ZM108</p>
<p>Street Light Pole 10m conical straight</p>		<p>Tapered steel street-light mast, hot dip galvanised, 10 meter height. LS-ZM110-K</p>
<p>Street Light Pole 10m cylindrical straight</p>		<p>Hot dip galvanised steel street-light column, 10 meter height. LS-ZM110-Z</p>
	<p>Street Light Pole 12m tapered straight</p> <p>Galvanized, conical steel mast 12 meter for street lighting.</p>	<p>Resistant to vandalism and ambient influences. Dip galvanized steel. Painting: Against surcharge available with additional powder coating in any RAL colour. To DIN EN 40. With lockable door 85 x 400 mm. For mounting of a floodlight or a street light fixture. Dimensions: h1 length = 12000 mm / h2 inground = 1500 mm. Pole top Ø = 76mm. d2 foot Ø = 211 mm / s material strength= 4 mm. LS-ZM112</p>

<p>Street Light Pole 12m conical straight, 2 sections</p>	<p>Galvanized, tapered steel column 12 meter for street lighting. In 2 sections for easier transporting. LS-ZM113</p>
	<p>Tapered Floodlight High Mast 15m</p>
<p>Galvanized steel Light Pole, conical column 15.6 meter for street lighting, apron lighting or stadium floodlights.</p>	<p>Light mast, resistant to vandalism and environmental influences. Dip galvanized steel. Painting: Against surcharge available with additional powder coating in any RAL colour. Steel pole DIN EN 40-4. Service door size: 85 x 400 mm. For installation of two floodlights. Dimensions: length = 15 600 mm h1 / h2 soil = 1500 mm Upper end of mast $\varnothing = 108\text{mm}$ foot diameter d2 = 264 mm / s material thickness = 4 mm Foundation depth 160cm Delivered in 2 sections LS-ZM115</p>

<p>Steel Poles with Davit</p>	
	<p>Street Lighting Pole 6m cylindrical with davit</p>
<p>Hot dip galvanized steel pole for streetlight. 6 m high with sidearm.</p>	<p>Light pole, resistant to vandalism and environmental influences. Steel pole DIN EN 40-4. Dip galvanized steel, weather-and corrosion-resistant Painting: Against surcharge available with additional powder coating in any RAL colour. Lockable service door: 85 x 400 mm. To install a street light pole with a side shot. Dimensions: length = 6000 mm h1 / h2 soil = 1000 mm Side arm: 1500 mm Mast-top $\varnothing = 60\text{ mm}$ foot diameter d2 = 199 mm / s = 3 mm wall thickness Foundation depth 110cm LS-ZM126</p>
	<p>Street Lighting Pole 8m conical with davit</p>
<p>Hot dip galvanized steel pole for streetlight. 8 m high with sidearm.</p>	<p>Light pole, resistant to vandalism and environmental influences. Dip galvanized steel, weather-and corrosion-resistant Painting: Against surcharge available with additional powder coating in any RAL colour. Steel pole DIN EN 40-4. Lockable service door: 85 x 400 mm. To install a street light pole with a side shot. Dimensions: length = 8000 mm h1 / h2 soil = 1200 mm Side arm: 1500 mm Mast-end pigtail $\varnothing = 76\text{ mm}$ foot diameter d2 = 199 mm / s = 3 mm wall thickness Foundation depth 130cm LS-ZM128</p>
	<p>Tapered Street Lighting Pole 10m with davit</p>
<p>Hot dip galvanized steel mast for streetlight. 10 m high with sidearm.</p>	<p>Resistant to vandalism and environmental influences. Hot Dip galvanized steel. Against surcharge available additional powder-coated in any RAL colour. To DIN EN 40. Lockable service door: 85 x 400 mm. For mounting of a street light fixture. Dimensions: h1 length = 10000 mm / h2 inground = 1500 mm. Side arm, outreach 150cm Pole top $\varnothing = 76\text{mm}$ d2 foot $\varnothing = 211\text{ mm}$ / s material strength= 4 mm. LS-ZM130</p>
	<p>Street Lighting Pole 12m tapered with davit</p>
<p>Hot dip galvanized steel mast for streetlight. 12 m high with sidearm.</p>	<p>Resistant to vandalism and environmental influences. Hot Dip galvanized steel. Against surcharge available additional powder-coated in any RAL colour. To DIN EN 40. Lockable service door: 85 x 400 mm. For mounting of a street light fixture. Dimensions: h1 length = 12000 mm / h2 inground = 1500 mm. Side arm, outreach 200cm Pole top $\varnothing = 76\text{mm}$ d2 foot $\varnothing = 211\text{ mm}$ / s material strength= 4 mm. LS-ZM132</p>

Brackets for Steel Poles		
	Y-Connector for Street Lights on Pole	To mount 2 fixtures onto one column (for light fixtures with 60mm junction) LS-ZM190
	Triple holder for 3 Street Lights on a Pole	To mount 3 street lighting fixtures with 60mm junction on top of one lighting pole 76mm. LS-ZM191
	T-Bar to Mount 2 Floodlights on a Street Pole	Mounting of 2 luminaires on top of a steelpole. LS-ZM192
	T-Bar to Mount 3 Floodlights on a Street Pole	Mounting of 3 luminaires on top of a steelpole. LS-ZM192-3
	T-Bar to Mount 4 Floodlights on a Steel Pole	Mounting of 4 luminaires on top of a steelpole. LS-ZM192-4
	Y-Bracket to Mount 3 Floodlights on a Street Pole	Mounting of 3 luminaires on top of a steel pole. LS-ZM193
	Cross Bar to Mount 4 Floodlights on a Street Pole	Mounting of 4 luminaires on top of a lighting pole. LS-ZM194
	Cross Bar to Mount 4 Streetlights on a Steel Pole	Mounting of 4 luminaires on top of a lighting pole. LS-ZM195
	Top Cap to Mount a Floodlight on a Street Pole	Mounting of one luminaire on top of a steel pole. LS-ZM196

Straight Steel Poles		
	Street Light Mast 9m Stormproof	Hot dip galvanized steel structure, anchor bolted mount onto concrete. Resistant against storm, hurricane, cyclone LS-ZM269
	<p>Steel Lighting Pole 4m with Ground Plate</p> <p>Hot dip galvanized steel post, anchor bolted mount onto concrete or stone.</p>	<p>Resistant to vandalism and environmental influences. Hot galvanized Steel. Against surcharge available powder-coated in any RAL colour. To DIN EN 40. With lockable door 85 x 400 mm. Base-plate 250 x 250mm. for bolting with 4x ground-anchor 16mm. LS-ZM304B</p>
	Street Light Pole 5m tapered with mounting plate	Hot dip galvanized steel post, anchor bolted mount onto concrete or stone. LS-ZM305-K
	Steel Lighting Pole 5m with Ground Plate	Hot dip galvanized steel post, anchor bolted mount onto concrete or stone. LS-ZM305-Z
	Street Light Pole 6m tapered w. ground plate	Hot dip galvanized steel post, anchor bolted mount onto concrete or stone. LS-ZM306K
	Street Light Pole 8m with mounting plate	Hot dip galvanized steel post, anchor bolted mount onto concrete or stone. LS-ZM308-Z

		<p>Street Lighting Pole 10m tapered with base plate</p> <p>Hot dip galvanized steel post, anchor bolted mount onto concrete or stone.</p>	<p>Resistant to vandalism and ambient influences. Steel S235 according to DIN EN 40-4 Hot galvanized Against surcharge available powder-coated in any RAL colour. With lockable service door 85 x 400 mm. For mounting of a floodlight or a street light fixture. Height: h1 length = 10000 mm Pole top d1 Ø = 76 mm Bottom diameter d2 Ø = 180mm Ground plate: 400 x 400 mm Mounting holes distance: 300 x 300 mm For installation is a foundation with 4 bolts or an anchor basket required. Material strength= 4 mm LS-ZM310-K</p>
		<p>High Lighting Mast 18m conical w. base plate</p> <p>Hot dip galvanized steel pole, anchor bolted mount onto concrete or stone.</p>	<p>Resistant to vandalism and environmental influences. Hot galvanized Steel. Against surcharge available powder-coated in any RAL colour. With lockable door 85 x 400 mm. For mounting of a floodlight or street light fixtures. Dimensions: h1 length = 14000 mm Ground plate 500 x 500 mm For installation is a foundation with 4 bolts or an anchor basket required. Pole top Ø = 76 mm Material strength= 4 mm Conform to DIN EN 40-4 LS-ZM318-K</p>

Steel Poles with Davit

		<p>Mid Hinged Lighting Pole 8m w. side arm and base plate</p> <p>Hot dip galvanized steel post, anchor bolt mount onto concrete or stone.</p>	<p>Resistant to vandalism and environmental influences. Hot galvanized Steel. Against surcharge available powder-coated in any RAL colour. Foldable at half height with rope, for lamp replacement without lift. With lockable door 85 x 400 mm. For mounting of a floodlight or a street light fixture. Dimensions: h1 length = 8000 mm Ground plate 400 x 400 mm For installation is a foundation with 4 bolts or an anchor basket required. Pole top Ø = 60 mm Material strength= 4 mm Conform to DIN EN 40-4 LS-ZM353-KA</p>
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Straight Steel Poles

		<p>Mid Hinged Lighting Pole 12m with base plate</p> <p>Hot dip galvanized steel post, anchor bolt mount onto concrete or stone.</p>	<p>Resistant to vandalism and environmental influences. Hot galvanized Steel. Against surcharge available powder-coated in any RAL colour. Foldable at half height with rope, for lamp replacement without lift. With lockable door 85 x 400 mm. For mounting of a floodlight or a street light fixture. Dimensions: h1 length = 12000 mm Ground plate 500 x 500 mm For installation is a foundation with 4 bolts or an anchor basket required. Pole top Ø = 76 mm Material strength= 4 mm Conform to DIN EN 40-4 LS-ZM355-K</p>
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	<p>High Mast 20m for Lighting with Motor Lift</p>	<p>Steel mast according EN 1090-1 height 20 meters hot dip galvanized according EN ISO 1641 including concreting set and steel bolts, with mobile ring construction for automatic lowering and electrical motor Motor voltage 380V Motor electrical power 0,75 kW Operating voltage 230V / 380V 50 Hz. All electrical connections can be done behind the service door in the mast. LS-ZM371</p>
	<p>High Mast 25m for Lighting with Motor Lift</p>	<p>Galvanized steel floodlight pole with motorized elevation unit. LS-ZM372</p>

Steel Poles for Street Lighting

<p>Concrete Lighting Mast 9m</p>	<p>Corrosion proof streetlight pole for coast regions. Resistant against storms. LS-ZM469 The mast is internally hollow for pulling through electr. Cables. With lockable service door for mounting the connection box. Resistance to cyclones up to 300 km / h Braid Ø300 / 60.0 mm Feet Ø480 / 70.0 mm Welding Ø5 Wendel foot Ø5 / 4cm Quiver / mast smooth next door 2 Ø16, L = 2.5 m 18.0 mm / m 12 Ø12.5 mm strands 1400 N / mm² Clear height 9 meters Ground section 1000 mm Color gray natural Minimum order quantity: 10 pcs. Weight: 1760 kg</p>
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Brackets for Steel Poles

	<p>Wall Mount Bracket for Street Lights</p>	<p>Short mounting bracket for house wall. LS-ZM601</p>
	<p>Corner Mount Bracket For Street Lights</p>	<p>Mounting bracket for house corner. LS-ZM602</p>
	<p>Wall Mount Bracket 100cm long, for Street Light</p>	<p>Mounting bracket for house wall. LS-ZM603</p>

Accessories for outdoor fixtures

<p>Mounting Adaptor Top for Street Light 003</p>	<p>For mounting on vertical ending poles LS-ZM605</p>
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Brackets for Steel Poles

	<p>Pole bracket 76mm for light fixtures</p>	<p>Mast mounting clamp for outdoor floodlights. LS-ZM610</p>
	<p>Pole mount clamp 60mm for light fixtures -A-</p>	<p>Mast-fixture for outdoor floodlights. LS-ZM611</p>

	Pole bracket block 60mm for floodlights	Mast mounting clamp for outdoor floodlights. LS-ZM615
	Pole Mounting Arm 60mm round, for Street Light	length 30cm LS-ZM616
	Pole Mounting Arm 60mm round, for Street Light	length 30cm LS-ZM616-1
	Pole Mounting Arm 76mm round, for Street Light	length 30cm LS-ZM618
	Pole Mounting Arm 76mm round, for Street Light	length 30cm LS-ZM618-1
	Pole Mounting Arm 108mm round, for Street Light	length 30cm LS-ZM619
	Pole Mounting Arm 108mm round, for Street Light	length 30cm LS-ZM619-1
	Pole Mounting Arm 76mm, for double Street Light	length 50cm to each side LS-ZM626

Steel Poles with Street Light



Street Light Pole 3m with LED Lamp 20W



GEO-Technik, LS-155

Decorative, flat street light fixture with LED 20 W and 3 meter steel pole. Made in Europe
LS-ZM700A

Modern and elegant street lighting for cycle lanes, parking, driveway, hiking trails, residential areas.

Including galvanized steel mast with 3 meters LPH.

The mast has a lockable service door and a connection box with fuse. Dimensions: h1 Length = 3000 mm / h2 Soil = 600 mm

Including LED light head:

Approximately 10 years no lamp change, no maintenance costs, no reflectors clean.

The LEDs do not emit ultraviolet light, which is why insects are hardly caught.

Pleasant bright light, low glare, good visibility, long-lasting and safe in operation.

LED Power: 20W

Osram SMD LED chip: 9 pieces

The use of many small LEDs means that the heat distribution is better and thus the service life is prolonged.

The brightness corresponds to a 50W HQL mercury vapor lamp.

Light color: 4000K neutral white (as a custom-made 3000K or 5600K)

Luminous flux:> 1930 Lm

Central lighting:> 20 Lux (4m height)

Average light intensity:> 10 Lux (4m)

Recommended mast height: 3 - 6 m

Recommended distance, mast to mast: 12 - 20m

Mast mounts for angled mast (mast attachment) 48mm

An adapter for straight masts is available.

Protection class: IP65

Impact strength: IK10

Ambient temperature: -25 ° C ... + 45 ° C

LED Operating current: 700mA

Power consumption 20W

Voltage: 100 - 277V 50-60Hz

Power factor> 0.90

Certification: CE & RoHS

Spare parts procurement warranty on the E-Block (driver) 20 years

Housing Alu-die-cast solid and very high-quality, gray RAL7005 (other colors on request)

Dimensions 470mm x 230mm x 60mm

Tip: The widely used, old street lamps with 40W tube can be replaced by this LED luminaire.

Also as a replacement for the pilot lamps with 50W HQL mercury vapor lamp.

You save energy, maintenance costs and better illumination thanks to the exchange.

Weight: 39 kg



Street Light Pole 4m with Soul 70W Lamp



LS-200

Decorative, round street light fixture with sodium lamp 70 W and 4 meter steel pole. Made in Europe
LS-ZM702

Modern and elegant street lighting developed for urban and residential lighting. Suitable also for streets lighting, parking lots, yards and gardens. Including galvanized steel pole with 4 meters height.

The post has a locked service door and a wiring box with fuse.

Housing, opening hook, covering and pole fixing block: die-cast aluminium.

Fixing block suitable for 60 mm poles

Adapter is required for 40 mm pole.

Surface: thermosetting polyester powder paint.

Wiring plate: easily removable nylon fiber glass.

Protection glass: tempered 4 mm.

Optic: cut-off anodized and polished 99.85 pure aluminium.

Power supply: 230V 50Hz.

Switching socket supplied as standard.

Positioning tilt system: from 0° to +15°, 4 positions.

Variable lamp focus for optimized optic performance.

Protection grade: IP66

Resistance: IK10

Wind load 0,213m²

Weight: 41 kg



Street Light Pole 4m with LED Soul 36W Lamp



Decorative, round street light fixture with LED light 36 W and 4 meter steel pole. Made in Europe
LS-ZM702B

Modern and elegant street lighting developed for urban and residential lighting. Suitable also for streets lighting, parking lots, yards and gardens. Including galvanized steel pole with 4 meters height. The post has a locked service door and a wiring box with fuse. Housing, opening hook, covering and pole fixing block: die-cast aluminium. Fixing block suitable for 60 mm poles. Adapter is required for 40 mm pole. Surface: thermosetting polyester powder paint. Wiring plate: easily removable nylon fiber glass. Protection glass: tempered 4 mm. Power supply: 230V 50Hz. Positioning tilt system: from 0° to +15°, 4 positions. Protection grade: IP66. Resistance: IK10. Wind load 0,213m². Weight: 41 kg



Street Light Pole 5m with LED Light 40W



GEO-Technik, LS-155

Energy economizing LED street lamp 40 watt with 5 meter steel pole, made in Europe
LS-ZM709

Despite the low power consumption, this luminaire provides as much light as a 300 watt halogen lamp.

Modern and elegant street lighting for cycle lanes, parking, driveway, hiking trails, residential areas.

Including galvanized steel mast with 5 meter LPH and extra charge with side boom.

Luminaire mast, resistant to vandalism and environmental influences, hot galvanized, weather and corrosion resistant

For an additional charge painted in any RAL color (powder-coated).

The mast has a lockable service door and a connection box with fuse.

With earth connection

Dimensions Mast:

h1 visible length = 5000 mm

h2 Soil = 800 mm

Foundation depth 90cm

Pole end braid Ø = 60mm (optional 76mm)

d2 foot Ø = 114 mm

Wall thickness s = 3 mm

With door 85 x 400 mm.

Recommended distance, mast to mast: 15 - 20m

Including LED light head:

Approximately 10 years no lamp change, no maintenance costs, no reflectors clean.

The LEDs do not emit ultraviolet light, which is why insects are hardly caught.

Pleasant bright light, low glare, good visibility, long-lasting and safe in operation.

LED Power: 40W

SMD LED Chips

The use of many small LEDs means that the heat distribution is better and thus the service life is prolonged.

The brightness corresponds to about an 80W HQL mercury vapor lamp.

Light color: 4000K neutral white (as a custom-made 3000K or 5600K)

Luminous flux:> 3760 lm

Central lighting:> 25 lux (5m height)

Average light intensity:> 18 Lux (5m)

Voltage: 100 - 277V 50-60Hz

Protection class: IP65

Impact strength: IK10

Ambient temperature: -25 ° C ... + 45 ° C

LED Operating current: 700mA

Power consumption 30W

Power factor> 0.90

Certification: CE & RoHS

Spare parts procurement warranty on the E-Block (driver) 20 years

Housing Aluminum high quality, gray RAL7005

Dimensions 470mm x 230mm x 60mm

Tip: The widely used, old street lamps with 40W tube can be replaced by this LED luminaire.

Also as a replacement for the pilot lamps with 80W HQL mercury vapor lamp.

You save energy, maintenance costs and better illumination thanks to the exchange.

Weight: 68 kg



Street Light Pole 5m with LED Light 40W Klick



Energy economizing LED street lamp 40 watt with 5 meter steel pole, made in Europe
LS-ZM710

Despite the low power consumption, this lamp gives as much light as a 300 watt halogen lamp.
Including galvanized steel mast with 5 meter LPH and side boom.

Dimensions mast:

Steel mast galvanized to DIN EN 40-4

h1 visible length: 5000 mm

h2 soil: 1000 mm

Mast end plait Ø: 60mm

d2 foot Ø: 114 mm

Wall thickness s: 3 mm

The mast has a lockable service door

Door 85 x 400 mm

Recommended distance, mast to mast: 15 - 25m

Examples of mast distances: Distance 21.5m (13 lux)

Recommended foundation depth 110cm

Including lamp head:

Bright light, wide light distribution, good visibility, durable and safe in operation.

By using a lot of single LEDs, the heat distribution is better and the lifetime is longer.

LED power: 40W

LED chip: Power SMD Philips

The brightness corresponds to 50W NAV = 100W HQL mercury vapor lamp.

Color temperature: 6000K cool white

Luminous flux: 3800 Lm

Central illuminance: > 25 lux (5m height)

Average light intensity: > 18 lux (5m)

Protection class: IP65

Ambient temperature: -25 ° C ... + 45 ° C

Voltage: 220 - 240V

Power consumption 40W

Power factor: 0.95

Housing die-cast aluminum, black

Dimensions: 520 x 230 x 70 mm

Tip: The widespread, old street lights with 40W double tube can be replaced by this light. In conjunction with a high pressure sodium vapor lamp e.g. NAT 70W

save energy, maintenance costs and achieve better illumination.

Minimum order quantity: 4 pcs.

Delivery:

Luminaire pole (powder coated depending on order)

Mast adapter for mounting the lamp head on the mast

LED lamp head

Weight: 78 kg



Street Light Pole 6m with 40W LED Light



GEO-Technik, LS-155

Energy economizing LED street lamp 40 watt with 6 meter steel pole and davit, made in Europe
LS-ZM710B

Despite the low power consumption, this lamp gives as much light as a 300 watt halogen lamp.
Including galvanized steel mast with 6 meter LPH and side boom.

Dimensions mast:

Steel mast galvanized to DIN EN 40-4

h1 visible length: 6000 mm

h2 soil: 1000 mm

Mast end plait Ø: 60mm

d2 foot Ø: 114 mm

Wall thickness s: 3 mm

The mast has a lockable service door and a junction box with fuse.

Door 85 x 400 mm

Recommended distance, mast to mast: 18 - 28m

Examples of mast distances: Distance 21.5m (13 lux)

Recommended foundation depth 110cm

Including lamp head:

Approximately 10 years no lamp replacement, no maintenance costs, no reflectors clean.

The LEDs emit no UV light, therefore attracting little insects.

Bright, pleasant low-glare, easy to recognize, durable and safe in operation.
By using a lot of single LEDs, the heat distribution is better and the lifetime is longer.

LED power: 40W

LED chip: Power SMD Philips

The brightness corresponds to 50W NAV = 100W HQL mercury vapor lamp.

Color temperature: 4000K neutral white (custom-made 3000K or 5600K)

Luminous flux:> 4000 Lm

Central illuminance:> 25 lux (5m height)

Average light intensity:> 15 lux (5m)

Protection class: IP65

Impact resistance: IK10

Ambient temperature: -25 ° C ... + 45 ° C

LED operating current: 700mA

Standard version not dimmable

Power consumption: 44W

Voltage: 100 - 277V 50-60Hz

Power factor> 0.95

Test mark: CE & RoHS

Dimensions 470mm x 230mm x 60mm

Housing die-cast aluminum solid and very high quality, gray RAL7005 (other colors on request)

Delivery:

Luminaire pole (powder coated depending on order)

Mast adapter for mounting the lamp head on the mast

LED lamp head, ready for operation with connection cable

Cable junction box 16² with fuses and screws for mounting in the mast door

Weight: 78 kg



Street Light Pole 7 Meter with LED 60W

Energy economizing LED street lamp 60 watt with 7 meter steel pole and davit made in Europe.

Despite the low power consumption, this lamp gives as much light as a 500 watt halogen lamp.

Including galvanized steel mast with a construction height of 7 meters

The mast has a lockable service door and a junction box with fuse.

Steel mast S235 according to DIN EN 40-4.

With door 85 x 400 mm.

For mounting a floodlight or a street light.

Dimensions: h1 length = 7000 mm / h2 soil = 1200 mm

Foundation depth 130cm

Mast end plait Ø = 76mm

Incl. Lighting head:

no maintenance costs, no reflectors clean.

The LEDs emit no UV light, so no insects are attracted.

Pleasantly bright, low glare, easy to recognize, durable and safe in operation.

LED power: 60W

Osram Power LED Chip: 24 pieces.

By using many small LEDs, the heat distribution is better and thus extends the life.

The brightness is equivalent to 100W NAV = 125W HQL mercury vapor lamp.

Light color: 4000K neutral white (custom made 3000K or 6000K)

Luminous flux:

5413 Lm at 6000K daylight white,

4979 Lm at 4000K neutral white,

Central illuminance:> 28 lux (6m height)

Average light intensity:> 20 lux (6m)

Recommended mast height: 6 - 10 m

Recommended distance, mast to mast: 26 - 33m

Lateral mast holder 60mm

Protection class: IP66

Impact resistance: IK10

Ambient temperature: -35 ° C ... + 50 ° C

Operating voltage: AC 100V - 260V 50-60Hz

Power consumption 68VA

Power factor> 0.90

Test mark: CE & RoHS

Spare Parts Guarantee on the E-Block (Driver) 20 years

Housing die-cast aluminum solid and very high quality, gray RAL7005 (other colors on request)

Dimensions: 505mm x 339mm x 65mm

Delivery:

Light Pole Hot-dip galvanized, (depending on order with powder coating)

Mast adapter for mounting the lamp head on the mast

LED lamp head, ready for operation with connection cable

Cable junction box 16² with fuses and screws for mounting in the mast door

LS-ZM711A

	<p>Street Light Pole 8m with 150W HPS Sodium Light Euro</p> <p>Energy economizing HPSV street lamp 150 watt with 8 meter steel pole and davit, made in Europe</p>	<p>Despite the low power consumption, this lamp gives as much light as a 650 watt halogen lamp. Including bulbs: Sodium high pressure NAV-TE 150W E27 (yellowish light color) With ballast, ignitor and capacitor. Operating voltage: 220V - 240V 50Hz - 60Hz. Operating current: 0.9A Starting current: approx. 10A Wind load: 0.150 m² Including galvanized steel mast with 8 meter LPH and side boom. The mast has a lockable service door and a junction box with fuse. Examples of mast distances: 8m mast, distance 26m (10 lux) Tip: The widespread, old lights with 250W mercury vapor lamps can be replaced by this light. In conjunction with a high pressure sodium vapor lamp e.g. NAT 150W save energy, maintenance costs and achieve better illumination. Reflector: pure aluminum anodised, with wide light distribution. Fold out to access the bulb. Housing: Die-cast aluminum for optimum heat dissipation and long lamp life. Light gray coated. The housing cover is closed with a stainless steel clip for easy access to the terminals. Mounting on boom masts or straight masts 60 - 61 mm. Degree of protection IP66 (jet-proof, sandstorm-proof). CE certification Dimensions: L 590 mm x W 28.8 mm x H 20.5 mm.</p> <p>Delivery: Light Pole Hot-dip galvanized, (depending on order with powder coating) Mast adapter for mounting the lamp head on the mast Lamp head, ready for operation with connection cable Cable junction box 16² with fuses and screws for mounting in the mast door LS-ZM712</p>
	<p>Street Light Pole 10m with 250W HPS Sodium Light</p> <p>Energy economizing HPSV street lamp 250 watt with 10 meter steel pole and davit, made in Europe</p>	<p>Despite the low power consumption, this lamp gives as much light as a 1000 watt halogen lamp. Including galvanized steel mast with 10 meter LPH - with lateral boom on request.</p> <p>Dimensions mast: h1 visible length = 6000 mm h2 soil = 1000 mm Mast end plait Ø = 60mm (optional 76mm) d2 foot Ø = 114 mm Wall thickness s = 3 mm The mast has a lockable service door and a junction box with fuse. Door 85 x 400 mm Recommended distance, mast to mast: 30 - 45m Example: Distance 33m (10 lux)</p> <p>Including lamp head: Housing: Die-cast aluminum for optimum heat dissipation and long lamp life. Light gray coated. The housing cover is closed with a stainless steel clip for easy access to the terminals. Reflector: pure aluminum anodised, with wide light distribution. Fold out to access the bulb. Luminaire tiltable by +/- 10 ° Including bulbs: Sodium high pressure NAV-E 250W E40 (yellowish light color) For an extra charge we also deliver with white light or with 400W NAV lamp. With ballast, ignitor and capacitor. Operating voltage: 220V - 240V 50Hz Starting current: approx. 10A Wind load: 0.275m² Degree of protection IP65 (water-protected). CE certification Dimensions: L 720 mm, W 245 x H 185 mm</p> <p>Tip: The widespread, old lights with 400W mercury vapor lamps can be replaced by this light. In conjunction with a high pressure sodium vapor lamp e.g. NAT 250W save energy, maintenance costs and achieve better illumination.</p> <p>Delivery: Light Pole Hot-dip galvanized, (depending on order with powder coating) Mast adapter for mounting the lamp head on the mast Lamp head, ready for operation with connection cable Cable junction box 16² with fuses and screws for mounting in the mast door LS-ZM714</p>



**LED Park Street Light Lantern
with Pole 20W**



Decorative and blind-free post top LED lantern fixture with steel pole and energy economizing LED. Height 3.40 meters
LS-ZM721

Die-cast aluminium base in RAL 9006 grey colour (alternatively black or white).

UV stabilized transparent acrylic screen (on request polycarbonate prismatic).

Corrosion, seawater and salty humidity resistant.

Internal louvre compliant with most restrictive standards in terms of light pollution.

Ample aluminium reflecting cap, painted outside in base colour and white inside.

With silicon rubber sealing.

For mounting on poles with 60 mm diameter.

The electrical connection is made via a connector plug for better service-friendliness. The matching connector is included.

Including power SMD LED lamp 20W.

The LED light source can be replaced directly on the mast within less than a minute.

Luminous flux: 2005 Lm

Light color 4000K pure white (at 10 pcs also 3000K warm white)

Light emission: 360 degrees circular

Especially economical - high efficiency of the lamp -

The brightness is comparable with 70W HQL mercury vapor lamp or a 70W sodium vapor lamp.

Life span: > 50,000 hrs

Mushroom LED lights do not emit UV light and thereby attract no insects.

The light stays longer clean and thus without cobwebs.

The LED mushroom light is virtually maintenance free, has a very long service life, only need a quarter of the electricity as conventional mercury vapor lamps.

The light is comfortable warm, lit evenly and not hidden in the surrounding windows.

Including LED supply unit.

Operating voltage 230V (85 ... 265V AC) 50 / 60Hz

Power consumption: 20 watts

Integrated power stabilization, which ensures constant light intensity, even with fluctuating line voltage.

For mounting on poles with 60 mm diameter.

Ambient temperature: -40°C ... +45°C

Protection degree: IP66

Insulation class II

Dimensions: diameter 450mm, height 418mm.

Including galvanized steel pole.

Height: 3m

Inground: 60cm

Total height of the fixture: 3400 mm

Weight: 41 kg



Street Light Pole 5 Meter with LED 30W

Energy economizing LED street lamp 30 watt with 5 meter steel pole and davit made in Europe.

Despite the low power consumption, this lamp gives as much light as a 300 watt halogen lamp.
Modern and elegant street lamp for bike path, parking, driveway, hiking trails, living areas. Including galvanized steel mast with 5 meter LPH and with additional extension with side boom.

Luminaire mast, resistant to vandalism and environmental influences, hot dip galvanized, weather and corrosion resistant

For an extra charge additionally painted in any RAL color (powder-coated).

The mast has a lockable service door and a junction box with fuse.

With earth connection

Dimensions mast:

h1 visible length = 5000 mm

h2 soil = 800 mm

Foundation depth 90cm

Mast end plait Ø = 60mm (optional 76mm)

d2 foot Ø = 114 mm

Wall thickness s = 3 mm

With door 85 x 400 mm.

Recommended distance, mast to mast: 18 - 30m

Including LED lamp head:

Approximately 12 years no lamp replacement, no maintenance costs, no reflectors clean.

The LEDs emit no UV light, therefore attracting little insects.

Pleasant bright light, low glare, good visibility, durable and safe in operation.

LED power: 30W

Osram Power LED Chip: 24 pieces.

By using many small LEDs, the heat distribution is better and thus extends the life.

The brightness corresponds to 50W NAV = 100W HQL mercury vapor lamp.

Light color: 4000K neutral white (custom made 3000K or 5600K)

Luminous flux:> 2900 Lm

On request dimmable: 1-10V, DALI or half load circuit

Central illuminance:> 20 lux

Average light intensity:> 10 lux (at 20m mast spacing)

Voltage: 100 - 277V 50-60Hz

Protection class: IP65

Impact resistance: IK10

Ambient temperature: -25 ° C ... + 45 ° C

LED operating current: 700mA

Power consumption 32W

Power factor> 0.90

Test mark: CE & RoHS

Spare Parts Guarantee on the E-Block (Driver) 20 years

Housing aluminum high quality, gray RAL7005

Luminaire dimensions: L 590 mm x W 28.8 mm x H 20.5 mm.

Wind load of the lamp: 0.150 m²

Tip: The widespread, old street lights with 40W tube can be replaced by this LED light.

Also as a replacement for the mushroom lights with 80W HQL mercury vapor lamp.

You save significantly energy, maintenance costs and better illumination through the replacement.

Delivery:

Light Pole Hot-dip galvanized, (depending on order with powder coating)

Mast adapter for mounting the lamp head on the mast

LED lamp head, ready for operation with connection cable

Cable junction box 16² with fuses and screws for mounting in the mast door

LS-ZM730



Street Light Pole 5 Meter with LED 30W

Energy economizing LED street lamp 30 watt with 5 meter steel pole and davit made in Europe.

Modern and elegant street lamp for pedestrian area, market square, bike path, parking. incl. luminaire mast, weather and corrosion resistant
Painted in RAL color (powder-coated).
With earth connection

Dimensions mast:
Visible height: 6000 mm
Foundation plate: 300 x 300mm
Bolt Hole Distances: 220x 220mm
Wall thickness s: 3 mm
With door 85 x 400 mm
Recommended distance, mast to mast: 20 - 30m

Including LED lamp head:
Approximately 12 years no lamp replacement, no maintenance costs, no reflectors clean. The LEDs emit no UV light, therefore attracting little insects.
Pleasant bright light, low glare, good visibility, durable and safe in operation.
Optics: Optionally wide for street lighting or long for parking lots.
LED power: 34W
By using many small LEDs, the heat distribution is better and thus extends the life. The LED inserts are interchangeable.
The brightness corresponds to 50W NAV = 100W HQL mercury vapor lamp.
Light color: 4500K neutral white
Luminous flux:> 2600 Lm
On request dimmable: 1-10V, DALI or half load circuit
Central illuminance:> 20 lux
Average light intensity:> 10 lux (at 20m mast spacing)
Voltage: 100 - 277V 50-60Hz
Protection: IP65
Impact resistance: IK10
Ambient temperature: -25 ° C ... + 45 ° C
LED operating current: 700mA
power consumption 34W
Power factor> 0.90
Test mark: CE & RoHS
Spare Parts Guarantee on the E-Block (Driver) 20 years
Housing aluminum high quality, gray RAL7005
Luminaire dimensions: L 590 mm x W 28.8 mm x H 20.5 mm.
Wind load of the lamp: 0.150 m²

Tip: The widespread, old street lights with 40W tube can be replaced by this LED light. Also as a replacement for the mushroom lights with 80W HQL mercury vapor lamp. You save significantly energy, maintenance costs and better illumination through the replacement.
LS-ZM743

	<p>Lighting Mast 10m with 4 LED floodlights</p>	<p>Galvanized lighting pole tower, 10 meters high. With 4 LED lights. For parking lot, building site or public places. LS-ZM750</p>
	<p>Recommended for building sites, mining, camps and parking lots. 4 bright LED floodlights 100W, in adjustable, stable aluminium casing. Pole resistant to vandalism and environmental influences. Dip galvanized steel. Against surcharge the mast is painted with additional powder coating in any RAL colour. To DIN EN 40. With lockable door 85 x 400 mm. Mast for inground concreting. Dimensions: h1 length = 10000 mm Inground length: 1500mm Pole top Ø = 76mm d2 foot Ø = 191 mm / s material strength= 3 mm</p>	<p>Luminous output: 45000 lumen The brightness is like 4 halogen floodlights each 1000 watt. Light colour: 4000 K (pure white), on request other colours. Voltage: 230V / 380V 50 - 60Hz Very long maintenance-free system lifespan, by use of efficient LED lamps. 20 Years sparepart availability guarantee.</p> <p>Lighted area Ø aprx. 60 meter Protection degree lamp head: IP66 Approvals: CE, RoHS, WEEE</p> <p>4 robust aluminium die-cast LED floodlight projectors, adjustable mounted. (Complete unit - all inclusive)</p> <p>* The pictures show samples with different sizes. Weight: 200 kg</p>

Brackets for Steel Poles

	<p>Knee Corner Adaptor for Lighting Pole 60mm</p>	<p>To mount a side entry fixture with 60mm on a straight pole with 60mm top diameter. Corner piece, made of welded steel. Angled at 15° With 4 stainless steel screws for fixing. Scratch-resistant and corrosion-resistant coated. Overall height approximately 300mm Boom 200mm LS-ZM920</p>
	<p>Knee Corner Adaptor for Lighting Pole 76mm</p>	<p>To mount a side entry fixture with 60mm on a straight pole with 70 - 76mm top diameter. LS-ZM921</p>
	<p>Side Arm 1m for Street Light Pole</p>	<p>Bracket extension 1 meter or 1.5m for street pole column 76mm (for light fixtures with 60mm junction) LS-ZM923</p>
	<p>Double Side Arm 1 - 1.5m for Street Light Pole</p>	<p>Two bracket extensions 100cm - 150cm each side, for street pole column 76mm (for light fixtures with 60mm junction) LS-ZM925</p>
	<p>Double Side Arm 2.5m for Street Light Pole</p>	<p>Two bracket extensions 250cm each side, for street pole column 76mm (for light fixtures with 60mm junction) LS-ZM926</p>
	<p>Extension for Lighting Pole 60mm</p>	<p>Extension of a street light pole for 1 or 2 meters. LS-ZM930</p>
	<p>Extension for Lighting Pole 76mm</p>	<p>Extension of a street light pole for 1 or 2 meters. LS-ZM931</p>
	<p>Adaptor 42mm Pole / 60mm Fixture</p>	<p>LS-ZM943</p>



Adaptor 50mm Pole / 60mm Fixture LS-ZM944

Accessories for pole, tripod or truss



Adaptor 60mm Pole to 50mm Fixture LS-ZM945



Pole Adaptor 60mm to 1 1/4 Inch 1 1/4 inch (42mm) pole diameter to 60mm fixture size. LS-ZM946

Brackets for Steel Poles



Adaptor 76mm Pole to 60mm Fixture To reduce 76mm pole diameter to 60mm fixture mounting size. LS-ZM947



Adaptor 76mm Pole to 60mm Fixture To reduce 76mm pole diameter to 60mm fixture mounting size. LS-ZM948



Top Cap for Lighting Pole 60mm LS-ZM950



Top Cap for Lighting Pole 76mm LS-ZM951

Straight Steel Poles

Lightning Rod 1200mm

For top mounting onto the protection pole
LS-ZMB001
Weight: 415 kg

Lightning Protection Mast 18 meters

LS-ZMB018
Height above floor 18,000 mm
Ground section 1,500 mm
Braid 108 mm wall thickness 4 mm
Banderder 100 mm above ground
Head plate 120x20 mm with internal thread M16 Prepared for the inclusion of a M16 threaded rod.
Material: 1263
Configuration:
Characteristic value
Height above ground 18.000 mm
Plait Ø mast 108 mm
Length of the ground 1,500 mm
Foot Ø Mast 293 mm
Galvanizing according to DIN EN ISO 1461
Number of doors 0 ST
Number of cable holes 0 ST
Band iron grounding M10 x 16
Weight: 415 kg