









Common Street Lights

	<p>Street Light Euro, 70W HPS Sodium</p>	<p>Energy economizing HPSV street lamp with IP66 protection, made in Europe LS-002A</p>
		<p>Despite the low power consumption, this streetlight gives as much light as a 300 watt halogen lamp. Suitable for following lamp types with max. 76mm diameter: HPS NAV-TE 70W E27 (yellowish light color) or metal halide lamp mh HQI-E 70W (white light). Lamp must be ordered extra. With ballast, ignitor and capacitor. Double pole safety switch, disconnecting, when the fixture is opened. Operating voltage: 220V - 240V 50Hz - 60Hz. Operating current: 0.42 A Start current: 5 - 8A Wind load: 0,150 m² Examples of the mast spacing: 5m mast, distance 16m (52 lux) 6m mast, 18.5 m distance (17 lux) 8m pole, distance 26m (10 lux) Hint: The common, old street lights with 40W double fluorescent tube can be replaced by this lamp. In conjunction with a high pressure sodium lamp as NAT 70W you save energy, maintenance costs and provide much better illumination. Reflector: Pure anodised aluminum, with wide light distribution. Cut-off optic, to access the lamp. Housing: Die-cast aluminum for optimal heat dissipation and long lamp life. Light gray coated. The cover is secured with a stainless steel clip, for easy access to the terminals. Mounting on mast-arm, side entry mount or post top 60 - 61 mm. IP66 (splash-proof, sand storm proof) CE approved. In conformity with CEI EN 60598-1/2004+A1; CEI EN 60598-2-1/89 so it is manufactured following the requirements of European Directive SAFETY/BT:2006/95/CE Dimensions: l 600 mm x w 275 mm x height 260 mm Weight: 6,05 kg</p>
	<p>Street Light Euro, 100W HPS Sodium</p>	<p>Energy economizing HPSV street lamp with IP66 protection, made in Europe LS-002B</p>
	<p>Street Light Euro, 150W HPS Sodium</p>	<p>Energy economizing HPSV street lamp with IP66 protection, made in Europe LS-002C</p>
	<p>Street Light Euro, 150W MH</p>	<p>Energy economizing metal halide street lamp with IP66 protection, made in Europe LS-002D</p>
	<p>Street Light Euro, 80W HPM Mercury</p>	<p>Energy economizing HPMV street lamp with IP66 protection, made in Europe LS-002Q</p>
	<p>Street Light Euro, 125W HPM Mercury</p>	<p>Energy economizing street lamp HPMV with IP66 protection, made in Europe LS-002R</p>
	<p>Street Light Euro, 250W HPS Sodium</p>	<p>Energy economizing HPSV street lamp with IP66 protection, made in Europe LS-002T</p>

LED Street Lighting



LED Street Light Fixture Euro LED 15W



LED street pole light, made in Europe, for 12V DC battery or 230 volt AC LS-106

Incl. Power SMD LEDs.
The light intensity is equivalent to 100W incandescent light.
Color Temperature: 3500K warm white, (as a special design 5000K)
Wide light distribution.
Pleasant, glare-free light.
Ambient temperature: -25° C ... +45° C
Operating voltage: 230V 50 - 60Hz (also available with 12 volts DC)
Built-in power stabilization, which also provides constant light intensity, even at fluctuating line voltage.
Power consumption 16W
Current consumption: 0.07 A at 230V / 1.333 A at 12V
Locking clip made of stainless steel
Protection degree: IP65
CE certified
Post top or side entry mounted. Pole: 60mm diameter.
Ideal for footpath lighting, bike ways, trails, parks, etc.
Saves energy, maintenance costs and provides better illumination.
Housing: die-cast aluminum. Light grey coloured.
Reflector made of anodized aluminium.
Cover plate of robust, UV resistant polycarbonate cover
Dimensions: L 600 mm, w 275 mm, h 260 mm
Weight: 3,3 kg



LED Street Light Fixture Kelvin 14W



Small LED street pole light 12V DC for battery or 230 volt ac LS-107

The cover of the lamp is made of polycarbonate.
Plastic housing for mounting on vertical poles Ø 42 - 60mm.
Incl. Power SMD LEDs.
The light intensity is equivalent to 75W incandescent light.
Pleasant and warm light color - no cold, blue light.
Color temperature: 3300K (5000K as special order)
Ambient temperature: -25°C ... +45°C
Operating voltage: 230V 50 - 60Hz (also available with 12V DC)
Built-in power stabilization, which also provides constant light intensity, even at fluctuating line voltage.
Power consumption 16W
Current consumption: 0.07 A at 230V / 1.333 A at 12V
With stainless steel quick release clips.
IP65 splash-proof.
Post top or side entry mounted. Pole: Ø 60 mm
Ideal for footpath lighting, bicycle way lighting for walkways, parks, etc.
Saves energy, maintenance costs and provides better illumination.
Dimensions: L 550mm, w 190mm, h 115mm.
Weight: 3,7 kg



LED Street Light Avantgard 22W 44W



Energy economizing LED street light. Rigid - High protection degree IP66. 230 volt ac, made in Europe
LS-109

Body: Pressure die-cast aluminum,
Reflector: Anodized and sealed single piece high purity aluminium
Cover: 4mm toughened glass
Lighting source: Luxeon Power LEDs 500mA
Luminous output: 3200 Lm (22W), 6400 Lm (44W model)
The brightness is like a 300w / 600w halogen lamp.
Pleasant colour temperature: 4000K pure white (on request warm white 3500K or daylight 6000K)
CRI: avg. 75
Ambient temperature: -25°C ... +45°C
Voltage: 220V-240V, 50Hz (optionally for 12V DC)
Power consumption: 24W / 46W
surge protection 6Kv,
NTC thermal sensor
Installation height: 3m - 8m
Recommended distance pole to pole: 12m - 30m (depends on LED power and pole height)
Post top or side entry mounted. Pole: 60mm Ø
The fixture can be tilted +- 15 deg
Finishing: Polyester powder coated, RAL-color upon request.
Gear access from top side.
Protection Degree: IP66 splashwater proof.
Protection class: II
Quality made in Europe
Certification: CE, F
Resistance: IK10
Wind load: 0.152m²
Dimensions: L 580 mm, w 270 x h 190 mm
Weight: 6,15 kg



LED Street Light Avantgard 70W 90W



Energy economizing LED street light. Rigid - High protection degree IP66. 230 volt ac, made in Europe
LS-109B

Body: Pressure die-cast aluminum,
Reflector: Anodized and sealed single piece high purity aluminium
Cover: 4mm toughened glass
Lighting source: Luxeon Power LEDs 500mA
Luminous output: 9600 Lm (70W model), 12800 Lm (90W model)
The brightness is like a 100w / 150w sodium lamp.
Pleasant colour temperature: 4000K pure white (on request warm white 3500K or daylight 6000K)
CRI: avg. 75
Ambient temperature: -25°C ... +45°C
Voltage: 220V-240V, 50Hz (optionally for 12V DC)
Power consumption: 66W / 88W
surge protection 6Kv,
NTC thermal sensor
Installation height: 6m - 10m
Recommended distance pole to pole: 20m - 30m (depends on LED power and pole height)
Post top or side entry mounted. Pole: 60mm Ø
The fixture can be tilted +- 15 deg
Finishing: Polyester powder coated, RAL-color upon request.
Gear access from top side.
Protection Degree: IP66 splashwater proof.
Protection class: I
Quality made in Europe
Certification: CE, F
Resistance: IK10
Wind load: 0.275m²
Dimensions: L 780 mm, w 270, h 190 mm
Weight: 11 kg



LED Street Light Fixture SL 30W



Energy saving LED street pole light 12V, 24V DC or 100V - 260V. About 60% energy economisation.
LS-110

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 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: > 3020lm

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,

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 pole height: 4 - 7m

Distance from pole to pole: 20 - 25m

Horizontal pole mounting (side entry) 48 - 60mm Ø

For post top mount an additional adapter is available.

Rated power: 32 W

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

LED working current: 350mA

Power factor > 0.90

Protection grade: IP65

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: 5 kg



**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 which 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 ... +50°C 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 Road Light Fixture SL 40W



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

LS-119

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.

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. Pleasant bright, low-glare, good visibility, durable and reliable in operation. Equivalent to 50W MH / sodium = 100W mercury lamp.

Nominal LED power: 38W

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

Initial luminous flux: > 3680lm

mean lumens after 10000 h: - 5%

Central illumination: > 20 lux (6m)

Average illumination: >18 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,

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 - 8m

Recommended distance from pole to pole: 20 - 30m

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

For straight poles is an additional adapter available.

Rated power: 40W

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

LED working current: 350mA

Power factor > 0.90

Protection grade: IP65

Resistance: IK10

Environment temperature: -35°C ... +45°C

Approval certificates: CE






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

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

Dimensions: 480mm x 260mm x 82mm

Weight: 5 kg

  <p style="text-align: right; color: blue;">LS-120</p>	<p>LED Street Light Fixture 60W Module</p>	<p>Bright LED street pole light 12V, 24V DC or 100V - 260V. About 60% energy economisation. LS-120</p> <p>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</p>
	<p>LED Street Light Fixture 90W Module</p>	<p>Very bright LED street pole light 24VDC or 100V - 260V. About 60% energy economisation. LS-121</p>
	<p>LED Street Light Fixture 120W Module</p>	<p>Very bright LED street pole light 24VDC or 100V - 260V. About 60% energy economization. LS-122</p>
	<p>LED Street Light Fixture 150W Module</p>	<p>Very bright LED street pole light 24VDC or 100V - 260V. About 60% energy economization. LS-123</p>
	<p>LED Street Light Fixture 210W Module</p>	<p>Very bright LED street pole light 24VDC or 100V - 260V. About 60% energy economization. LS-125</p>
	<p>LED Street Light Fixture 240W Module</p>	<p>Very bright LED street pole light. About 60% energy economization. LS-126</p>
	<p>LED Street Light Fixture 280W Module</p>	<p>Very bright LED street pole light. About 60% energy economization. LS-127</p>

 <p>LED Street Light Fixture Economy 30W</p> 	<p>LED street pole light 12V, 24V DC or 100V - 260V. About 60% energy economisation. LS-130</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 30 pcs. smd LED Initial luminous flux: >2700lm mean lumens after 10000 h: - 5% Central illumination: >25lux (4m) Average illumination: >18lux (4m) Color temperature: 4000K (on request 2900K) 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: IP55 Resistance: IK10 Environment temperature: -25°C ... +45°C Operating voltage: AC 100V ... 240V, 50Hz-60Hz or DC 12V/24V LED working current: 1000mA Rated power: 35 W Power factor > 0.90 Housing: aluminium die-cast, grey surfaced (other colours on request) Dimensions: 590mm x 270mm x 100mm Notice: The most common, old streetlights with 2 * 40W T26 fluorescent lamp can be replaced by this LED fixture. Also replacement of 80W HQL mercury vapor lamps. You will save lots of electrical energy, maintenance costs and reach a better illumination. Weight: 5 kg</p>
 <p>LED Street Light Fixture Economy 60W</p>	<p>Bright LED street pole light 12V, 24V DC or 100V - 260V. About 60% energy economisation. LS-132</p>
 <p>LED Street Light Fixture PIX 32W</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: 0.198m² Dimensions: L 395 mm, w 283, h 97 mm Weight: 5,66 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: 0.198m²
Dimensions: L 395 mm, w 283, h 97 mm
Weight: 5,66 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: 0.198m²
Dimensions: L 395 mm, w 283, h 97 mm
Weight: 6 kg



**LED Street Light Fixture Curve
37W**



Energy economizing LED street light in super flat, bended design. Rigid - High protection degree IP66. As replacement to 70w sodium lamp or 125w mercury.
LS-171

This LED-lamp is recommended for the lighting of: yards, pedestrian precincts, roads, parking lots, walking path, 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 instalation height: 4m - 7m

Optical datas:

LED: SMD chips from LG, Seoul Semiconductor (South Korea)

Luminous efficacy: 140 Lm/W

Luminous flux: 4200 Lm

Pleasant color temperature: 4000K neutral white (on order 3000K or 6000K)

Radiation: 170° Bi-symmetrical adapted to the elongated road.

Electrial features:

Operating voltage: 110V - 265V

Frequency: 50 - 60Hz

Power consumption: 37W

Power Factor: > 0.9

Mechanische Eigenschaften:

Ambient temperature: -40°C ... + 50°C

Protection: IP65 splashproof

Impact resistance: IK08

Wind load: 0.11m²

Mount type: console, side entry, max. 50mm diameter

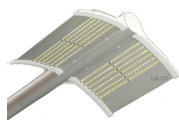
Dimensions: L 360 mm, w 160 x h 95 mm

Certification: CE

Weight: 2,4 kg



**LED Street Light Fixture Curve
60W**



Energy economizing LED street light in super flat, bended design. Rigid - High protection degree IP66. As replacement to 150w sodium lamps.
LS-172

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 instalation height: 6m - 9m

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.

Electrial features:

Operating voltage: 110V - 270V

Frequency: 50 - 60Hz

Power consumption: 60W

Power Factor: > 0.9

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

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>

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>
	<p>LED Street Light Soul 96W</p>	<p>Decorative, bright LED street light fixture. Made in Europe LS-205-7</p>
	<p>LED Street Light Soul 128W</p>	<p>Decorative, bright LED street light fixture. Made in Europe LS-205-8</p>

SOX LPS Street Lights



Street Light Kelvin Alto 35W LPS 24V DC



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

Light with included electronic ballast for direct use on existing 24 volt solar systems.
 Further applications are shadowed places with trees or roof-covered streets, wich can be supplied by a central solar panel system.
 Pls. look in our accessory list. (For traffic tunnels, there are stainless steel lights required, wich also may be driven by solar power. Pls. contact us.)
 Adjustable lamp holder BY22d for low-pressure sodium lamp SOX 35W.
 The lamp has an extreme high efficiency and gives a yellow light, as bright as aprx. 300 watt halogen.
 The efficiency is much better than fluorescent, metal halide, HPS or LED technology.
 Power consumption 36.2 watt.
 Operating voltage: 20V - 30V DC (regular 24V).
 On request available in 12V DC.
 Current consumption: 1.48 A (at 24 V)
 For a wide ambient temperature range: - 30°C ... + 50°C
 For lamp SOX 35W BY22d (Average lifetime 18,000 h)
 The lamp is already included.
 The housing is made of aluminium die-cast for maximum heat exchange and long life time.
 The service door is made of uv-resistant polymer and can be opened completely and is fixed straight up.
 The lamp cover lens is out of borosilicate flat glass for maximum light transparency even after many years. (On request with prismatic bowl glass)
 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.
 Housing grey powder-surfaced.
 IP rating: IP54 (optical system), IP 23 (supply unit). CE approved.
 Dimensions: 735 mm x 355 mm x 190 mm
 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-PII

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 comparsion 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



Street Light Kelvin 24V / 50W HPS



Sodium Lighting fixture for 24V DC operation. With electronic ballast HPSV for low losses.

LS-Sinj-50

E27 lamp holder.

Including Osram/Radium tubular high pressure sodium lamp HPSV 4400 Lm.

The top cover can be opened without any tool for acces to all components for cleaning or lamp change.

The housing is made of aluminium for maximum heat exchange and long life.

Reflector made of pure aluminium.

The lamp cover is out of glass for maximum light transparency even after many years. (Optionally acrylic glass).

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.

IP rating: IP54 (optical system), IP 23 (supply unit). CE approved.

Dimensions: L 735mm, w 355mm, h 190mm.

Weight: 5,75 kg

SOX LPS Street Lights



Street Light SOX 35W LPS



www.dimmer.de

Low power requirement by low pressure sodium lamp. Yellow light for inner city lighting, factory plant or sluice.
LS-SOX35AC

Included electronic ballast for longer lamp life.
Adjustable lamp holder BY22d for low-pressure sodium lamp SOX 35W.
The lamp has an extreme high efficiency and gives a yellow light, as bright as aprx. 200 watts halogen.
The efficiency is much better than fluorescent, metal halide, HPS or LED technology.
Power consumption 38.0 watt.
Operating voltage: 200V - 240V AC
On request available in 12V or 24V DC
For a wide ambient temperature range: - 30°C ... + 50°C
For lamp SOX 35W BY22d. (Life-time 18.000 h),
The lamp has to be ordered extra.
596 Lux /m
The housing is made of aluminium die-cast for maximum heat exchange and long life.
The service door is made of uv-resistant polymer and can be opened completely and is fixed straight up.
The lamp diffusor lens is out of Borosilicate glass (for maximum light transparency even after many years).
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.
Housing grey powder-surfaced.
IP rating: IP54 (optical system), IP 23 (supply unit).
CE approved
Dimensions: 735 mm x 355 mm x 190 mm
Weight: 4,1 kg



Street Light Fixture LPS 55W AC DC



www.dimmer.de

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



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

Applications: crossings and main roads, pedestrian crossings, places and industries.

LED brand CREE

available as:

48 LED 350mA, 55W, 6550lm

48 LED 500mA, 79W, 8850lm

Housing: Aluminium die cast with bonded silicone gasket.



Cover: PMMA

Mounting: all sides to 15 ° adjustable stainless steel support frame for mounting steel cables with 6 to 12mm diameter.


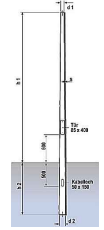
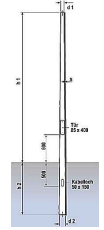
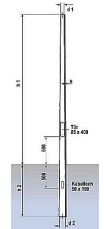
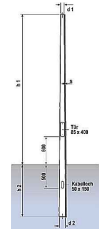
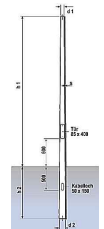
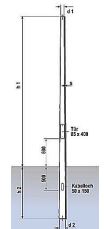

Protection class IP65

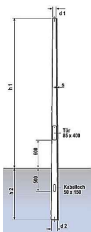
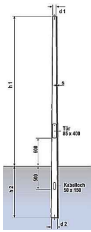
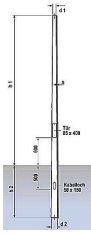
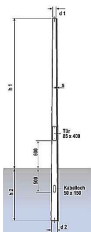
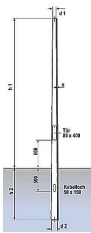
Length 680mm, Width 310mm

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>Applications: crossings and main roads, pedestrian crossings, places and industries. LED brand CREE available as: 72 LED 350mA, 80W, 9500lm 72 LED 500mA, 116W, 12800lm Housing: Aluminium die cast with bonded silicone gasket. Cover: PMMA Mounting: all sides to 15 ° adjustable stainless steel support frame for mounting steel cables with 6 to 12mm diameter. Protection class IP65 Length 680mm, Width 310mm 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>Street Light Pole 3m made in Turkey</p>	<p>New galvanised steel lighting pole with small faults. Total length 315cm LS-ZM103-ORT</p>
	<p>Street Light Pole 3m conical</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. 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>Street Light Pole 4m conical</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>Street Light Pole 5m conical</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>Street Light Pole 6m conical</p> <p>Hot dip galvanized steel pole, 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-ZM106A</p>
	<p>Street Light Pole 6m conical</p> <p>Hot dip galvanized steel pole, 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 conical</p> <p>Hot dip galvanized steel pole, 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</p>		<p>Hot dip galvanized steel pole, 7 meter height. LS-ZM107Z</p>
<p>Street Light Pole 8m</p>		<p>Steel pole, hot dip galvanized, 8 meter high. LS-ZM108</p>
<p>Street Light Pole 10m conical straight</p>		<p>Steel street-light pole, hot dip galvanised, 10 meter height. 3mm steel LS-ZM110-3</p>
	<p>Street Light Pole 12m conical straight</p> <p>Hot dip galvanized steel pole 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>Hot dip galvanized steel pole 12 meter for street lighting. In 2 sections for easier transporting. LS-ZM113</p>
	<p>Floodlight Pole 15m conical</p> <p>Galvanized steel High-Mast Light Pole 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 Ø = 108mm foot diameter d2 = 264 mm / s material thickness = 4 mm Foundation depth 160cm Delivered in 2 sections LS-ZM115</p>

Steel Poles with Davit		
	<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 Ø = 60 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 Ø = 76 mm foot diameter d2 = 199 mm / s = 3 mm wall thickness Foundation depth 130cm LS-ZM128</p>
	<p>Street Lighting Pole 10m conical with davit</p> <p>Hot dip galvanized steel pole 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 Ø = 76mm d2 foot Ø = 211 mm / s material strength= 4 mm. LS-ZM130</p>
	<p>Street Lighting Pole 12m conical with davit</p> <p>Hot dip galvanized steel pole 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 Ø = 76mm d2 foot Ø = 211 mm / s material strength= 4 mm. LS-ZM132</p>

Brackets for Steel Poles		
	<p>Y-Connector for Street Lights on Pole</p>	<p>To mount 2 fixtures onto one column (for light fixtures with 60mm junction) LS-ZM190</p>
	<p>T-Bar to Mount 2 Floodlights on a Street Pole</p>	<p>Mounting of 2 luminaires on top of a steelpole. LS-ZM192</p>
	<p>Cross Bar to Mount 4 Floodlights on a Street Pole</p>	<p>Mounting of 4 luminaires on top of a lighting pole. LS-ZM194</p>
	<p>Cross Bar to Mount 4 Streetlights on a Steel Pole</p>	<p>Mounting of 4 luminaires on top of a lighting pole. LS-ZM195</p>



Triple holder for 3 Street Lights on a Pole

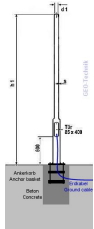
To mount 3 street lighting fixtures with 60mm junction on top of one lighting pole 76mm.
LS-ZM197

Straight Steel Poles



Street Light Pole 9m Stormproof

Hot dip galvanized steel post, anchor bolted mount onto concrete. Resistant against storm, hurricane, cyclone
LS-ZM269



Steel Lighting Pole 4m with Ground Plate

Hot dip galvanized steel post, anchor bolted mount onto concrete or stone.

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



Street Light Pole 5m conical w. 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



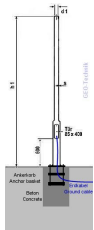
Street Light Pole 6m cylindrical w. mounting plate

Hot dip galvanized steel post, anchor bolted mount onto concrete or stone.
LS-ZM306-Z



Street Light Pole 8m with mounting plate

Hot dip galvanized steel post, anchor bolted mount onto concrete or stone.
LS-ZM308-Z

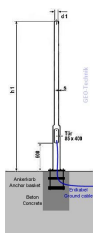


Floodlight Pole 25m galvanized

Hot dip galvanized steel High-Mast Light Pole 25 meter for apron lighting or stadium floodlights.

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.
Dimensions: length = 25000 mm h1
For installation of floodlights.
With steps for climbing up.
Upper end of mast $\varnothing = 108\text{mm}$
foot diameter $d2 = 264\text{ mm}$ / s material thickness = 4 mm
Delivered in 2 sections
LS-ZM325

Steel Poles with Davit



Lighting Pole 8m mid hinged w. side arm and mounting plate

Hot dip galvanized steel post, anchor bolted mount onto concrete or stone.

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 $\varnothing = 60\text{ mm}$
Material strength= 4 mm
Conform to DIN EN 40-4
LS-ZM353-KA

Straight Steel Poles		
	<p>Lighting Pole 12m mid hinged w. mounting 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. 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>
	<p>Lighting Pole 25m mid hinged w. mounting 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. 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 = 25000 mm Ground plate 800 x 800 mm For installation is a foundation with 4 bolts or an anchor basket required. Pole top Ø = 108 mm Material strength= 4 mm Conform to DIN EN 40-4 LS-ZM360-K</p>
	<p>High Mast 20m for Lighting with Motor Lift</p> <p>Galvanized steel floodlight pole with motorized elevation unit.</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 Pole 9m</p>	<p>Corrosion proof streetlight pole for coast regions. Resistant against storms. LS-ZM469 Weight: 1760 kg</p>

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

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

	Pole bracket 76mm for light fixtures	Mast mounting clamp for outdoor floodlights. LS-ZM610
	Pole mount clamp 60mm for light fixtures -A-	Mast-fixture for outdoor floodlights. LS-ZM611
	Pole mount clamp 60mm for light fixtures -B-	Mast-fixture for outdoor light Globe. LS-ZM612
	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 LS-ZM626

Steel Poles with Street Light



**Street Light Pole 4m with Soul
70W Lamp**



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 5m with 70W
HPS Sodium Light**



Energy economizing HPSV street lamp 70 watt with 5 meter steel pole, made in Europe
LS-ZM709

Despite the low power consumption, this streetlight gives as much light as a 300 watt halogen lamp. Including HPS lamp NAV-TE 70W E27 (yellowish light color) With ballast, ignitor and capacitor. Operating voltage: 220V - 240V 50Hz - 60Hz. Operating current: 0.42 A Start current: 5 - 8A Wind load: 0,150 m² Including galvanized steel pole with 5 meters height, on request with 1 meter side arm. Base-plate 270 x 270mm. for bolting with 4x ground-anchor 16mm. The post has a locked service door and a wiring box with fuse. Examples of the mast spacing: 5m mast, 18 m distance (20 lux) Hint: The common, old street lights with 40W double fluorescent tube can be replaced by this lamp. In conjunction with a high pressure sodium lamp as NAT 70W you save energy, maintenance costs and provide much better illumination. Reflector: Pure anodised aluminum, with wide light distribution. Cut-off optic, to access the lamp. Housing: Die-cast aluminum for optimal heat dissipation and long lamp life. Light gray coated. The cover is secured with a stainless steel clip, for easy access to the terminals. Mounting on boom poles or straight poles 60 - 61 mm. IP66 (splash-proof, sand storm proof). CE approved. Dimensions: l 600 mm x w 275 mm x height 260 mm. Weight: 88 kg



Street Light Pole 6m with 70W HPS Sodium Euro Light



Energy economizing HPSV street lamp 70 watt with 6 meter steel pole and davit, made in Europe
LS-ZM710

Despite the low power consumption, this streetlight gives as much light as a 300 watt halogen lamp.
Including HPS lamp NAV-TE 70W E27 (yellowish light color)
With ballast, ignitor and capacitor.
Operating voltage: 220V - 240V 50Hz - 60Hz.
Operating current: 0.42 A
Start current: 5 - 8A
Wind load: 0,150 m²
Including galvanized steel pole with 6 meters height and side arm.
The post has a locked service door and a wiring box with fuse.
Examples of the mast spacing:
6m mast, 18.5 m distance (17 lux)
Hint: The common, old street lights with 40W double fluorescent tube can be replaced by this lamp. In conjunction with a high pressure sodium lamp as NAT 70W you save energy, maintenance costs and provide much better illumination.
Reflector: Pure anodised aluminum, with wide light distribution. Cut-off optic, to access the lamp.
Housing: Die-cast aluminum for optimal heat dissipation and long lamp life. Light gray coated.
The cover is secured with a stainless steel clip, for easy access to the terminals.
Mounting on boom poles or straight poles 60 - 61 mm.
IP66 (splash-proof, sand storm proof).
CE approved.
Dimensions: l 600 mm x w 275 mm x height 260 mm.
Weight: 88 kg



Street Light Pole 8m with 150W HPS Sodium Light Euro

Energy economizing HPSV street lamp 150 watt with 8 meter steel pole and davit, made in Europe

Despite the low power consumption, this streetlight gives as much light as a 650 watt halogen lamp.
Including HPS lamp NAV-TE 150W E27 (yellowish light color)
With ballast, ignitor and capacitor.
Operating voltage: 220V - 240V 50Hz - 60Hz.
Operating current: 0.9 A
Start current: aprx. 10A
Wind load: 0,150 m²
Including galvanized steel pole with 8 meters height and side arm.
The post has a locked service door and a wiring box with fuse.
Examples of the mast spacing:
8m pole, distance 26m (10 lux)
Hint: The common, old street lights 250W with mercury lamp can be replaced by this lamp. In conjunction with a high pressure sodium lamp as NAT 150W you save energy, maintenance costs and provide much better illumination.
Reflector: Pure anodised aluminum, with wide light distribution. Cut-off optic, to access the lamp.
Housing: Die-cast aluminum for optimal heat dissipation and long lamp life. Light gray coated.
The cover is secured with a stainless steel clip, for easy access to the terminals.
Post top or side entry mounted. Poles: 60 - 61 mm.
IP66 (splash-proof, sand storm proof).
CE approved.
Dimensions: l 600 mm x w 275 mm x height 260 mm.
LS-ZM712



Street Light Pole 10m with 250W HPS Sodium Light

Energy economizing HPSV street lamp 250 watt with 10 meter steel pole and davit, made in Europe

Despite the low power consumption, this streetlight gives as much light as a 1000 watt halogen lamp.
 Including HPS lamp NAV-TE 250W E27 (yellowish light color)
 With ballast, ignitor and capacitor.
 Operating voltage: 220V - 240V 50Hz - 60Hz.
 Operating current: 0.9 A
 Start current: aprx. 10A
 Wind load: 0,250 m²
 Including galvanized steel pole with 10 meters height and side arm.
 The post has a locked service door and a wiring box with fuse.
 Examples of the mast spacing:
 10m pole, distance 33m (10 lux)
 Hint: The common, old street lights 400W with mercury lamp can be replaced by this lamp. In conjunction with a high pressure sodium lamp as NAT 250W you save energy, maintenance costs and provide much better illumination.
 Reflector: Pure anodised aluminum, with wide light distribution. Cut-off optic, to access the lamp.
 Housing: Die-cast aluminum for optimal heat dissipation and long lamp life. Light gray coated.
 The cover is secured with a stainless steel clip, for easy access to the terminals.
 Post top or side entry mounted. Poles: 60 - 61 mm.
 IP65 (splash-proof, sand storm proof).
 CE approved.
 Dimensions: l 750 mm x w 275 mm x height 260 mm.
 LS-ZM714



LED Park Street Light Lantern with Pole 20W



Avenue LED LT-2013

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 streetlight gives as much light as a 300 watt halogen lamp.
 Including LED lamp (white light color)
 Operating voltage: 220V - 240V 50Hz - 60Hz.
 Operating current: 0.42 A
 Wind load: 0,150 m²
 Including galvanized steel pole with 5 meters height and side arm.
 The post has a locked service door and a wiring box with fuse.
 Examples of the mast spacing:
 5m mast, 18.5 m distance (17 lux)
 Hint: The common, old street lights with 40W double fluorescent tube can be replaced by this lamp. In conjunction with a high pressure sodium lamp as NAT 70W you save energy, maintenance costs and provide much better illumination.
 Reflector: Pure anodised aluminum, with wide light distribution. Cut-off optic, to access the lamp.
 Housing: Die-cast aluminum for optimal heat dissipation and long lamp life. Light gray coated.
 The cover is secured with a stainless steel clip, for easy access to the terminals.
 Mounting on boom poles or straight poles 60 - 61 mm.
 IP66 (splash-proof, sand storm proof).
 CE approved.
 Lamp fixture dimensions: l 600 mm, w 275 mm, height 260 mm.
 LS-ZM730



Lighting Mast 10m with 4 LED floodlights



Galvanized lighting pole tower, 10 meters high. With 4 LED lights. For parking lot, building site or public places.
 LS-ZM750

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
 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.

Lighted area Ø aprx. 60 meter
 Protection degree lamp head: IP66
 Approvals: CE, RoHS, WEEE

4 robust aluminium die-cast LED floodlight projectors, adjustable mounted.
 (Complete unit - all inclusive)

* The pictures show samples with different sizes.
 Weight: 200 kg

Brackets for Steel Poles












Knee Corner Adaptor for Lighting Pole 60mm

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 / 200mm boom
 LS-ZM920



Knee Corner Adaptor for Lighting Pole 76mm

To mount a side entry fixture with 60mm on a straight pole with 70 - 76mm top diameter.
 LS-ZM921

	Side Arm 1m for Street Light Pole	Bracket extension 1 meter or 1.5m for street pole column 76mm (for light fixtures with 60mm junction) LS-ZM923
	Double Side Arm 1 - 1.5m for Street Light Pole	Two bracket extensions 100cm - 150cm each side, for street pole column 76mm (for light fixtures with 60mm junction) LS-ZM925
	Double Side Arm 2.5m for Street Light Pole	Two bracket extensions 250cm each side, for street pole column 76mm (for light fixtures with 60mm junction) LS-ZM926
	Knee Corner Adaptor for Lighting Pole 60mm	Extension of a street light pole for 1 or 2 meters. LS-ZM930
	Extension for Lighting Pole 76mm	Extension of a street light pole for 1 or 2 meters. LS-ZM931
	Adaptor 42mm Pole / 60mm Fixture	LS-ZM943
	Adaptor 76mm Pole to 60mm Fixture	To reduce 76mm pole diameter to 60mm fixture mounting size. Steel galvanized LS-ZM947
	Top Cap for Lighting Pole 60mm	LS-ZM950
	Top Cap for Lighting Pole 76mm	LS-ZM951