

LED Street Lights



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 wich 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 24V

Power LED Street Light Fixture SL 90W 24 Volt dc

Only 4 pieces on stock.

LS-112-24



**LED Street Light Fixture Lumflow
60W**



LED street pole light with side entry.
LS-139-3

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 100W MH / sodium = 175W mercury lamp.

LED power:	60W
LED Chip:	Power SMD
Initial luminous flux:	7800lm
Central illumination:	> 25 lux (6m)
Average illumination:	> 18 lux (6m)
Color temperature:	6000K daylight white
Pole height:	6 - 9m
Recommended distance from pole to pole:	24 - 30m
Post side entry mounted.	Pole: 60mm Ø
For pole top mount an additional adapter is available.	
Protection grade:	IP65
Environment temperature:	-20°C ... +40°C
Life time:	aprx. 50.000 h
Voltage:	85 - 265V
Rated power:	60 W
Power factor	> 0.98
Surge protection:	yes
Housing:	aluminium die-cast, grey
Dimensions:	425 x 150 x 65 mm
Weight:	2 kg



**LED Street Light Fixture Lumflow
120W**

LED street pole light with side entry.
LS-139-6



LED Flood Light Fixture PIX 35W 2200K, 3000K



Energy economizing LED street light. Rigid - High protection degree IP66. EU production
LS-150

Ideal for street lighting, bicycle path lighting, pedestrian zones, parking, etc. Save energy, maintenance costs and provide better illumination. Quality fixture - made in Europe

Body: Pressure die-cast aluminum,
Cover: 4mm toughened glass
Adjustable bracket 180 deg
Recommended installation height: 3m - 8m

Optical:

LEDs: Samsung LH181B
Luminous output: 4760 Lm
Colour temperature: 4000K pure white, pleasant
Color rendering: CRI > 80
Life expectancy: 80,000h L80 B10 @ ta25, 50,000h L80 B20 @tamax.

Available with different lens optics:

PMMA street lens optics.

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.
Cycle: Bike path optics adapted to the elongated and tall ways.

Technical:

Voltage: 220V-240V, 50Hz - 60Hz
Power consumption: 35W
Surge protection: 6/8Kv
Protection degree: IP66 splashwater proof
Impact resistance: IK10
Temperature: -25° - +45°C
Wind load: 0.11m²
Dimensions: L 395 mm, w 283, h 97 mm
Certification: CE, RoHs, ENEC

On request we deliver with a dimmable driver:
DALI or midnight reduction

Dialux Files: LS-150-AS.IES LS-150-SM.IES LS-150-STR.IES
LS-150-CYC.IES
Weight: 6,2 kg



LED Flood Light Fixture PIX 70W

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



LED Flood Light Fixture PIX 100W

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



LED Flood Light Fixture PIX 140W

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



LED Street Light Fixture Lento 24W 2200K-4000K



LED Street Light Fixture Lento 24W
LS-156-2

An inexpensive luminaire that does not come from the Far East. No lamp replacement for approx. 12 years, no maintenance costs, no reflectors to clean. The LEDs do not emit UV light, so hardly any insects are attracted. Pleasantly bright light, low glare, good visibility, long-lasting and safe in operation. Trial lighting on request. The brightness corresponds to 50W NAV = 80W HQL mercury vapour lamp.

LEDs:	Samsung Power SMD
LED luminous flux:	4150 Lm
Luminaire Luminous flux:	3470 Lm
Efficiency:	170 Lm/W
Light colour:	4000K neutral white (from 20 pieces also available in 2200K yellow, 3000K warm white, 5700K daylight)
Colour rendering:	Ra >80
Optics:	PMMA anti-UV UL94 road lens optic, cycle path or footpath optic
Life expectancy:	157,000h L80 B10 @ta25
Ambient temperature:	-35° to +50°C
LED operating current:	700mA
Power consumption:	24W
Voltage:	220-240V 50/60Hz
Power factor:	> 0.90
Overvoltage protection:	6/8-10Kv can be ordered optionally

Central illuminance:	> 30 Lux (4m height)
Average light intensity :	> 20 Lux (4m)
Recommended mast height:	4 - 7 m
Recommended distance, pole to pole:	15 - 25m

Housing, locking mechanism, cover and mounting block made of high-quality cast aluminium.

Surface: Polyester powder coating anthracite RAL7039 (other colours on request)

Mast mounting: base or mast top 60mm

Angle adjustable from -5 degrees to +15 degrees

Connecting plate: Easily removable nylon fibreglass support plate.

Protective glass: Tempered 4mm

Tilttable in 4 steps up to 15

Protection class: IP66, splash-proof, class II

Impact resistance: IK08

Wind load: 0.135m²

Dimensions: L 500 mm, W 270 x H 88 mm

Certifications: CE, RoHS

Also dimmable at extra charge:

Half light - With power reduction, switchable 50% - 100%,

1-10V - Stepless dimmable,

DALI - Infinitely digitally dimmable.

Excellent cooling effect, as well as temperature sensor for very long service life.

Spare parts guarantee on the E-block (driver) 20 years.

Tip: The widespread, old street lights with 40W double tubes can be replaced by this LED luminaire.

Likewise as a replacement for the mushroom luminaires with 80W HQL mercury vapour lamp or 50W sodium vapour lamp.

By replacing them, you save significantly on energy, maintenance costs and achieve better illumination.

Weight: 5,86 kg



LED Street Light Fixture Lento 48W 3000K-4000K

LED Street Light Fixture Lento 48W
LS-156-4



LED Street Light Fixture Lento 72W

LED Street Light Fixture Lento 72W
LS-156-6



LED Street Light Fixture 35W Skyline



LS-161

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 wich extends the service life.
Diesel generator suitable. The brightness remains constant even with fluctuating voltage.

Initial luminous flux: > 4400lm
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: 35 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: 9,5 kg



LED Street Light Fixture 70W Skyline

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



LED Street Light Fixture 100W Skyline

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








LED Street Light Fixture 140W Skyline

Very bright LED streetlight 20800 Lm made in Europe. About 60% energy economisation.
LS-164



Power LED Street Light Fixture 160W Skyline

Very bright LED street pole light made in Europe. About 60% energy economisation.
High protection against water and sand storms.
LS-165

	<p>LED Street Light Soul 36W</p>	<p>Decorative, round LED street lamp for bright, pleasant lighting. Made in the EU LS-205-3</p> <p>Modern and elegant LED street lighting developed for urban and residential lighting. Suitable also for streets lighting, parking lots, yards and gardens. Developed to be used with high energy efficiency LED modules.</p> <p>LEDs: Samsung LH181B Luminous flux: 4475 lm Light color: 4000K neutral white (from 20 pieces also available in 2200K yellow, 3000K warm white, 5700K daylight) Color rendering: CCT > 80 Optics: PMMA street lens optics with mean value at 30 ° (or bike path optics) Life expectancy: 109,000h L90 B10 @ ta25, 83,000h L80 B10 @tamax. Power consumption: 35W Voltage: 220-240V 50 / 60Hz Surge protection: 6 / 8-10Kv</p> <p>Housing, lock, cover and fixing block made of cast aluminum. Installation: 60mm mast attachment or attachment Adapters for other mast diameters available Surface: polyester powder coating in anthracite gray. Connection plate: Easily removable nylon fiberglass support plate. Protective glass: hardened 4mm Tilttable in 4 steps up to 15 ° Degree of protection: IP66 protected against water jets. Class II Impact resistance IK10 Wind load 0.213m²</p> <p>On request we deliver with a dimmable driver: 1-10V, DALI or midnight reduction</p> <p>Weight: 10,25 kg</p>
	<p>LED Street Light Soul 70W</p>	<p>Decorative, bright LED street light fixture. Made in Europe LS-205-5</p>
	<p>LED Street Light Soul 100W</p>	<p>Decorative, bright LED street light fixture. Made in Europe LS-205-7</p>
	<p>LED Street Light Soul 140W</p>	<p>Decorative, bright LED street light fixture. Made in Europe LS-205-8</p>
	<p>LED Street Light Soul 175W</p>	<p>Decorative, round LED street light fixture. Energy saving and very bright. Made in Europe LS-205-9</p>

Road Marking Lights



Signal Light with Pole, solar powered



Manually switchable information light. Solar-powered number light. Power supply via solar panel
LS-9000

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

LED Street Lights



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

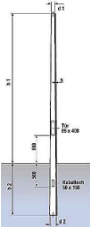
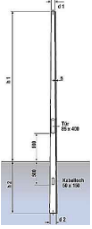


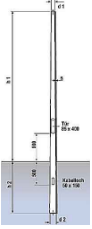
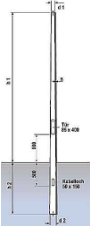
LED Street Light Suspension 80W-116W

Suspended LED street lighting 80W or 116W for wire suspension.
LS-V12






Straight Steel Poles








	<p>Tapered Street Light Pole 3m</p> <p>Hot dip galvanized steel pole, 3 meter conical, for street lighting.</p>	<p>Luminaire pole, resistant to vandalism and environmental influences. Hot-dip galvanized, weather and corrosion resistant according to DIN EN ISO 1461. Additionally painted in any RAL colour (powder-coated) at an extra charge. Steel pole according to DIN EN 40-4. With door 85 x 400 mm. For mounting a street light or lantern. With earthing connection.</p> <p>Dimensions:</p> <p>h1 visible length: 3000 mm h2 ground: 600 mm Foundation depth: Approx. 66cm Pole top end Ø : 60 mm d2 Foot Ø : Approx. 110 mm s Wall thickness: Approx. 2,6 mm</p> <p>* These masts are offered in different versions. The dimensions may vary. LS-ZM103K</p>
<p>Street Light Post 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>Luminaire pole, resistant to vandalism and environmental influences. Hot-dip galvanized, weather and corrosion resistant according to DIN EN ISO 1461. Additionally painted in any RAL colour (powder-coated) at an extra charge. Steel pole according to DIN EN 40-4. For mounting a floodlight or street light. With door 85 x 400 mm. With earthing connection.</p> <p>Dimensions:</p> <p>h1 visible length: 4000 mm h2 ground: 800 mm Foundation depth: Approx. 86cm Pole top end Ø : 60 mm or 76 mm d2 Foot Ø : Approx. 127 mm s Wall thickness: Approx. 2.6 mm</p> <p>* These masts are offered in different versions. The dimensions may vary. 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 Cam Pole 5m cylindrical</p>		<p>Hot dip galvanized steel post 5 meter for webcam and street lighting. LS-ZM105-CAM</p>
	<p>Tapered Street Light Pole 5m</p> <p>Hot dip galvanized steel mast, conical, 5 meter high.</p>	<p>Luminaire pole, resistant to vandalism and environmental influences. Hot-dip galvanized, weather and corrosion resistant according to DIN EN ISO 1461. Additionally painted in any RAL colour (powder-coated) at an extra charge. Steel pole S235 according to DIN EN 40-4. With door 85 x 400 mm. For mounting a floodlight or street light. With earthing connection.</p> <p>Dimensions:</p> <p>h1 visible length: 5000 mm h2 ground: 800 mm Foundation depth: Approx. 90cm Pole top end Ø : 60mm (optional 76mm) d2 Base Ø : Approx. 130 mm s Wall thickness: Approx. 3 mm</p> <p>* These masts are offered in different versions. Dimensions may vary. LS-ZM105K</p>

Street Light Pole 5m cylindrical	Hot dip galvanized steel post 5 meter for street lighting. LS-ZM105Z
	<p>Tapered Street Light Pole 6m tapered</p> <p>Hot dip galvanized steel pole, conical, 6 meter height.</p> <p>Luminaire pole, resistant to vandalism and environmental influences. Hot-dip galvanized, weather and corrosion resistant according to DIN EN ISO 1461. Additionally painted in any RAL colour (powder-coated) at an extra charge. Steel pole S235 according to DIN EN 40-4. With door 85 x 400 mm. For mounting a floodlight or street light. With earthing connection.</p> <p>Dimensions:</p> <p>h1 visible length: 6000 mm h2 ground: 1000 mm Foundation depth: Approx. 1100 mm Mast top end Ø : 60 mm or 76mm d2 Base Ø : Approx. 130 mm Wall thickness s: Approx. 3 mm</p> <p>* These masts are offered in different versions. The dimensions may vary.</p> <p>The masts are very bulky. Delivery can only be made by a special truck. The freight costs are therefore expensive. If you order several masts, delivery costs will only be charged once. If you order the luminaires from us, GEO-Technik will pay part of the transport costs for you. LS-ZM106K</p>
Street Light Pole 6m cylindrical	Hot dip galvanized steel pole, 6 meter height. LS-ZM106Z
Street Light Pole 6m cylindrical 2 parts	Hot dip galvanized steel pole, 6 meter height. LS-ZM106Z-2
	<p>Street Light Pole 7m tapered</p> <p>Hot dip galvanized steel pole, conical, 7 meter height.</p> <p>Luminaire pole, resistant to vandalism and environmental influences. Hot-dip galvanized, weather and corrosion resistant according to DIN EN ISO 1461. Additionally painted in any RAL colour (powder-coated) at an extra charge. Steel pole S235 according to DIN EN 40-4. With door 85 x 400 mm. For mounting a floodlight or street light. With earthing connection.</p> <p>Dimensions:</p> <p>h1 visible length: 7000 mm h2 ground: 1000 mm Foundation depth: Approx. 1100 mm Mast top end Ø : 76mm d2 base Ø : Approx. 158 mm Wall thickness s: Approx. 3 mm</p> <p>* These masts are offered in various designs. The dimensions may vary.</p> <p>The masts are very bulky. Delivery can only be made by a special truck. The freight costs are therefore expensive. If you order several masts, delivery costs will only be charged once. If you order the luminaires from us, GEO-Technik will pay part of the transport costs for you. LS-ZM107K</p>
Street Light Pole 7m cylindrical 2 parts	Hot dip galvanized steel column, 7 meter height. LS-ZM107Z-2
Street Light Pole 8m tapered steel	Steel mast, hot dip galvanized, 8 meter high. LS-ZM108K
Street Light Pole 10m Steel tapered	Tapered steel street-light mast, hot dip galvanized, 10 meter height. LS-ZM110K



	<p>Street Light Pole 12m Steel tapered straight</p> <p>Luminaire top mast, steel mast Luminaire mast, LPH 12 metres high. Special prices from 3 pcs. Order quantity !</p>	<p>Luminaire pole, resistant to vandalism and environmental influences. Hot-dip galvanised, weather and corrosion resistant according to DIN EN ISO 1461. Additionally painted in any RAL colour (powder-coated) at an extra charge. Steel pole according to DIN EN 40-4. With door 85 x 400 mm. For mounting a floodlight or street light.</p> <p>Dimensions: h1 Length: 12000 mm h2 Ground: 1500 mm Foundation depth: Approx. 1600 mm Mast top end Ø : 76 mm d2 Base Ø : Approx. 225 mm Wall thickness s: Approx. 4 mm</p> <p>* These masts are offered in various designs - dimensions may vary. The masts are very bulky and can only be delivered by a special truck. The freight costs are therefore expensive. If you order several masts, delivery costs will only be charged once. If you order the luminaires from us, GEO-Technik will pay part of the transport costs for you. LS-ZM112</p>
	<p>Tapered Floodlight High Mast 15m Steel</p> <p>Light pole as steel pole for 2 or 4 floodlights, height 15.6m LPH.</p>	<p>Luminaire pole for plaza or apron lighting. Hot-dip galvanised, weather and corrosion resistant according to DIN EN ISO 1461. Hot-dip galvanised. Available in all RAL colours at an extra charge (powder-coated). Resistant to vandalism and environmental influences. With door 85 x 400 mm. For mounting two floodlights.</p> <p>Dimensions: h1 Length: 15600 mm h2 Ground level: 1500 mm Foundation depth: Approx. 1600 mm Upper mast end Ø: 108mm d2 Base Ø : 264 mm s Wall thickness: Approx. 4 mm</p> <p>The mast consists of two parts, which can be plugged together:</p> <p>* These masts are offered in different versions. The dimensions may vary.</p> <p>The masts are very bulky. Delivery can only be made by a special truck. The freight costs are therefore expensive. If you order several masts, delivery costs will only be charged once. If you order the luminaires from us, GEO-Technik will pay part of the transport costs for you. LS-ZM115</p>

Brackets and adaptors for Steel Poles




	<p>Y-Connector for Street Lights on Pole</p>	<p>Connector for luminaire pole 76mm spigot on 2 luminaires with 60mm connection LS-ZM190</p>
	<p>Y-Connector for Street Lights 50mm on Pole</p>	<p>Connector for luminaire pole 76mm spigot on 2 luminaires with 50mm connection. LS-ZM190-2</p>
	<p>Triple holder for 3 Street Lights on a Pole</p>	<p>Crossing at the top of the pole for mounting 3 luminaires with 60mm connection to a steel pole 76mm. LS-ZM191</p>
	<p>T-Bar to Mount 2 Floodlights on a Street Pole</p>	<p>For attaching two spotlights up to 6kg to a steel top mast with 60mm or 76mm spigot size. LS-ZM192A</p>
	<p>T-Bar to Mount 2 Floodlights on a Street Pole</p>	<p>For attaching 2 spotlights to steel top masts. LS-ZM192B</p>

	T-Bar to Mount 3 Floodlights on a Street Pole	Mounting of 3 luminaires on top of a steelpole. LS-ZM193
	T-Bar to Mount 4 Floodlights on a Steel Pole	Width 120cm, for mounting 2-4 spotlights on steel top masts. LS-ZM194
	T-Bar for 4 Heavy Floodlights on a Steel Pole	240cm wide, for mounting 4 spotlights on steel top masts. LS-ZM194B
	T-Bar to Mount 2 Floodlights adjustable on a Steel Pole	Width 120cm, for rotatable mounting of 2 spotlights on steel top masts. LS-ZM194R
	Y-Bracket to Mount 3 Floodlights on a Street Pole	Mounting of 3 luminaires on top of a steel pole. LS-ZM195
	Y-Bracket to Mount 3 Floodlights + 1 center mounted on a Street Pole	Mounting of 3 luminaires and one unit in the center on top of a steel pole. LS-ZM195T
	Cross Bar to Mount 4 Floodlights on a Street Pole	Mounting of 4 luminaires on top of a lighting pole. LS-ZM196


Straight Steel Poles

	Thick Street Light Pole 5m cylindrical	Hot dip galvanized steel post 5 meter for street lighting. LS-ZM205Z
	Steel Structure Mast 9m Stormproof	Steel light pole as top-mounted pole with foundation plate, LPH 8.6 metres high. Resistant to storms, hurricanes, tornadoes. Special construction, minimum order quantity 10 pcs. LS-ZM269



Brackets and adaptors for Steel Poles















	Wall Mount Bracket for Street Lights 50mm	Sturdy wall bracket for mounting street lamps on a building wall. LS-ZM601-50
	Wall Mount Bracket for Street Lights 60mm	Sturdy wall bracket for mounting street lamps on a building wall. LS-ZM601-60
	Wall Mount Bracket 100cm long, for Street Light	Boom for wall mounting on a flat building wall. Assembly of a street light with mast mounting 60mm LS-ZM603

Accessories for outdoor fixtures

	Mounting Adaptor Top for Street Light LEG Altair 003	Mounting adapter for LEG luminaire Altair on vertical pole ends (pole-top mounting) LS-ZM605
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Brackets and adaptors for Steel Poles

	Pole bracket 60-76mm for light fixtures	Massive mast mounting clamp for outdoor floodlights. LS-ZM610
	Pole bracket 89mm for light fixtures	Mast mounting clamp for outdoor floodlights. LS-ZM610-89

	Pole mount bracket 60mm for light fixtures	For attaching a small floodlight to light poles with 60mm Ø LS-ZM611
	Mast attachment for large floodlight	For attaching a stadium or floodlight spotlight to the top of the mast. LS-ZM615-2
	Pole Mounting Arm 60mm round, for Street Light	Mast mounting with boom 20cm long, suitable for masts with 60mm thickness. To push over. LS-ZM616
	Pole Mounting Arm 76mm round, for Street Light	Mast mounting with boom 20cm long, suitable for masts with 76mm thickness. To push over. LS-ZM618-4
	Pole Mounting Arm 89mm round, for Street Light	Mast mounting with boom 20cm long, suitable for masts with 89mm thickness. To push over. LS-ZM618-5
	Pole Mounting Arm 108mm round, for Street Light	Mast attachment with extension arm 20cm long, suitable for masts with 108mm diameter. For sliding over. LS-ZM618-6
	Pole Mounting Arm 60mm round, for Street Light	Pole attachment with bracket 20cm long, suitable for poles with 60mm diameter. For subsequent attachment from the side. LS-ZM619-3
	Pole Mounting Arm with bracket 76mm, for Street Light	Mast attachment with bracket 20cm long, suitable for masts with 76mm diameter. For subsequent attachment from the side. LS-ZM619-4
	Pole Mounting Arm 89mm, for Street Light	Mast attachment with bracket 20cm long, suitable for masts with 89mm diameter. For subsequent attachment from the side. LS-ZM619-5
	Pole Mounting Arm 108mm round, for Street Light	Mast attachment with bracket 20cm long, suitable for masts with 108mm diameter. For subsequent attachment from the side. LS-ZM619-6
	Pole Mounting Arm 76mm, for double Street Light	with 2 outriggers 50cm long, suitable for masts with 76mm thickness. LS-ZM626
	Adjustable Pole Mounting bracket 60mm round, for Street Light	with outrigger 20cm long, suitable for masts with 60mm thickness. For sliding over. Minimum order quantity: 2 pcs. LS-ZM630 This fixture is slipped over the pole from above and fixed at any height with the enclosed Allen screws. Luminaire mount 60mm Bracket length: 200mm Material: hot-dip galvanised steel Screws stainless steel A2 Powder coatings, special sizes and other bracket lengths available on request. There are 2 holes as cable outlets at the lower end of the bracket. Infinitely adjustable inclination +/- 90°. Weight: kg
	Wall Mount clamp for steel pole 115mm	For attaching a pole to a wall or masonry. LS-ZM660
	Cross Bar to Mount 4 Streetlights on a Steel Pole	Cross for mounting 4 street lights on steel top poles 60mm or 76mm. LS-ZM695

Steel Poles with Street Light



Street Light Pole 3m with LED Lamp Eco 18W



Energy-saving LED street lamp in a chic, flat design. Complete with 3 metre galvanised steel pole. Only 18W consumption, comparable to 200W halogen light.

LS-ZM700E

Modern and elegant street light for cycle path, car park, driveway, footpaths, residential areas.

Includes galvanised steel pole with 3m LPH.

Recommended distance, pole to pole: 12 - 15m.

Pole dimensions:

h1 visible length: 3000 mm

h2 ground : 600 mm

Post top end Ø 60mm

d2 Base Ø Approx. 114 mm

Wall thickness s Approx. 2,6 mm

With door 85 x 400 mm

The pole has a lockable service door.

Including LED lamp head:

Approx. 10 years no lamp replacement, no maintenance costs, no reflectors to clean.

The LEDs do not emit UV light, so hardly any insects are attracted.

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

Due to the use of many small LEDs, the heat distribution is better and thus the service life is extended.

LED chip: Osram SMD

Life expectancy: 100,000 h

The brightness corresponds approximately to a 50W NAV sodium vapour lamp.

Colour temperature: 4000K neutral white (from 10 pcs. also available in 3000K)

Luminous flux: > 2500 Lm

Central illuminance: > 28 Lux (3m height)

Average luminous intensity: > 14 Lux (3m)

Protection class: IP66

Impact resistance: IK08

Ambient temperature: -40°C ... +55°C

LED operating current: 700mA

Power consumption: 18W

Voltage: 100 - 277V 50-60Hz

Overvoltage protection: 6 kV

Power factor: > 0.90

Adjustable inclination: -5 ~ +15°.

Approval marks:

CE & RoHS

Spare parts guarantee on the E-block (driver) 20 years

Housing: Aluminium die-cast solid and very high quality, grey RAL7005

Dimensions: 470mm x 230mm x 60mm

Scope of delivery:

Luminaire pole hot-dip galvanised, (also available with powder coating for an additional charge).

LED luminaire head, ready for operation with connection cable

Tip:

The widespread, old street lights with 40W tubes can be replaced by this LED luminaire.

Likewise as a replacement for the mushroom luminaires with 50W HQL mercury vapour lamp.

By replacing them, you will significantly save energy, maintenance costs and achieve better illumination.

Weight: 39 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 luminaire for general lighting and living areas. Despite the low power consumption, this luminaire gives as much light as a 400 Watt halogen lamp.

Including galvanised steel pole with 4 metre LPH and, for an extra charge, with lateral bracket.

Recommended distance, mast to mast: 15 - 20m

Steel pole:

Lamp post, resistant to vandalism and environmental influences, hot-dip galvanised, resistant to weathering and corrosion
Additionally painted in any RAL colour (powder-coated) at an extra charge. The pole has a lockable service door.

With earthing connection

h1 visible length: 4000 mm

h2 ground: 800 mm

Foundation depth 90cm

Pole top end Ø 60mm (optional 76mm)

d2 Foot Ø Approx. 114 mm

Wall thickness s Approx. 3 mm

With door 85 x 400 mm

Including luminaire head:

LEDs: Samsung LH181B

Luminous flux: 4475 Lm

Light colour: 4000K neutral white (from 10 pieces also available in 2200K

yellow, 3000K warm white, 5700K daylight)

Colour rendering: Ra >80

Optics: PMMA street lens optic with centre beam at 30° (or cycle path optic)

Life expectancy: 109,000h L90 B10 @ta25, 83,000h L80 B10 @tamax.

Ambient temperature: -35° to +45°C

Power consumption: 36W

Voltage: 220-240V 50/60Hz

Overvoltage protection: 6/8-10Kv

Housing, latch, cover and mounting block in cast aluminium.

Surface: Polyester powder coating in anthracite grey.

Connection plate: Easily removable nylon fibreglass support plate.

Protective glass: Tempered 4mm

Tiltable in 4 steps up to 15

Protection class: IP66 jet water protected

Class II

Impact resistance IK10

Wind load 0,213m²

On request we deliver with dimmable driver:

1-10V, DALI or midnight dimming

Scope of delivery:

Lamp post

pole adapter for mounting the lamp head on the pole

Lamp head, ready for operation with connection cable

Weight: 41 kg



Street Light Pole 4m with LED Pixel 35W Lamp 2200K



Insect-friendly street lamp in 2200K, 3000K or 4000K, Decorative, with LED 35 W and 4 metre galvanised steel pole. LS-ZM702C

Modern and elegant street luminaire for general lighting and residential areas.

Includes galvanised steel pole with 4 metre LPH. Recommended distance, pole to pole: 15 - 20m.

Pole dimensions:

h1 visible length: 4000 mm

h2 ground: 800 mm

Post top end Ø 60mm (optional 76mm)

d2 Base Ø Approx. 114 mm

Wall thickness s Approx. 3 mm

With door 85 x 400 mm

The pole has a lockable service door.

Luminaire head included:

LEDs: LUXEON M by Philips

Luminous flux: 4160 Lm

Light colour: 4000K neutral white

Power consumption: 36W

Voltage: 230V 50Hz

Housing, latch, cover and mounting block: Cast aluminium.

Surface finish: Polyester powder coating.

Mounting: 60mm mast top or base.

Mounting plate: Easily removable nylon fibreglass support plate.

Protective glass: Tempered 4mm

Folding reflector anodised and polished 99.85 pure aluminium.

Tilttable in 4 steps up to 15

Protection class: IP66 waterproof.

Class II

Impact resistance IK10

Wind load 0.213m²

Scope of delivery:

Hot-dip galvanised luminaire pole, (with powder coating depending on order).

Post adapter for mounting the lamp head on the post LED lamp head, ready for operation with connection cable.

Weight: 41 kg



Street Light Pole 4m with LED Lamp Slim 40W



Decorative, flat street light fixture with LED 40 W and 4 meter steel pole.
Made in Europe
LS-ZM702D

Modern and elegant street lamp for bike path, parking, driveway, hiking trails, living areas.

Including galvanized steel mast with 4 meter LPH.

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

Dimensions: h1 length = 4000 mm / h2 soil = 600 mm

Including LED lamp head:

no maintenance costs, no reflectors clean.

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

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

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

LED power: 36W
LED chip: Osram SMD
Life expectancy: 100,000 h

Due to the use of many small LEDs, the heat distribution is better and thus the life expectancy is extended.

The brightness corresponds approximately to a 100W NAV sodium vapour lamp.

Colour temperature: 4000K neutral white (from 40 pcs. also available in 3000K or 5600K)

Luminous flux: > 5000 Lm

Central illuminance: > 20 Lux (6m height)

Average luminous intensity: > 10 Lux (6m)

Optics: NB - narrow beam - universal for roads with 2 lanes.

(on request: WB-wide beam, for short poles,

like pedestrian and bicycle paths)

Recommended mast height: 5 - 7 m

Recommended distance, post to post: 18 - 26m

Mast mounting: 48mm - 60mm top mount or side entry

Adjustable inclination: -5 ~ +15 deg

Protection class: IP66

Impact resistance: IK08

Ambient temperature: -40°C ... +55°C

LED operating current: 700mA

Power consumption: 36W

Voltage: 100 - 277V 50-60Hz

Surge protection: 6 kV

Power factor: > 0.90

Approval marks: CE & RoHS

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 50W-80W HQL mercury vapor lamp.

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

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 use with connection cable

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

Weight: 39 kg



Street Light Pole 4m with LED Lamp Eco 18W



Decorative, flat street light fixture with LED 18 W and 4 meter steel pole.
Made in Europe
LS-ZM702E

Modern and elegant street lamp for bike path, parking, driveway, hiking trails, living areas.

Including galvanized steel mast with 4 meter LPH.

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

Dimensions: h1 length = 4000 mm / h2 soil = 600 mm

Including LED lamp head:

no maintenance costs, no reflectors clean.

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

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

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

The brightness is equivalent to an 80W HQL mercury vapor lamp.

SMD LED chips

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

Luminous flux: > 2500 Lm

Central illuminance: > 20 lux (4m height)

Average light intensity: > 10 lux (4m)

Voltage: 100 - 277V 50-60Hz

Protection class: IP66

Impact resistance: IK08

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

LED operating current: 700mA

Power consumption 18W

Power factor > 0.90

Test mark: CE & RoHS

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

Housing aluminum high quality, gray RAL7005

Dimensions 470mm x 230mm x 60mm

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 50W-80W HQL mercury vapor lamp.

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

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 use with connection cable

Weight: 39 kg



LED Park Street Light Sytl with Pole 4m



Decorative and blind-free post top LED lantern fixture 32W - 42W with steel pole and energy economizing LED. Height 4.40 meters
LS-ZM702Y

Economical and decorative LED street light u. Column light.
Luminaire made of cast aluminum black-gray RAL 7021.
UV-stabilized acrylic glass (on request prismatic polycarbonate).
Light emission according to the relevant standards against the light pollution of the night sky.

To the mast attachment on 60mm masts.

Including power SMD LED bulbs 30W

LED mushroom lights emit no UV light and attract little insects. The lamp stays clean for longer and without cobwebs.

The LED mushroom lamps are almost maintenance free, have a very long life, require only a quarter of the power, like conventional mercury vapor lamps.

The light is pleasantly warm, evenly lit and does not fade into the surrounding windows.

Including LED supply unit.

Luminous flux: 3005 Lm

Light color: 4000K neutral white (from 10 pcs. Also 3000K warm white)

Light distribution: 360 degrees all around

Particularly economical - high efficiency of the lamp -

The brightness is comparable to 80W HQL mercury vapor lamp or a 70W sodium vapor lamp.

Lifetime: > 50000 hrs.

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

Power consumption: 30/50 watts

Built-in power stabilization, which ensures constant luminous intensity even with fluctuating mains voltage.

Protection class: IP65

Protection class II

Permissible ambient temperature: -40 ° C ... + 50 ° C

Dimensions: diameter 600mm, height 418mm

Including galvanized steel mast, powder coated in RAL against surcharge, fuse box in mast and cable.

Height: 4m

Soil: 80cm

Total height of the luminaire: 4800 mm

Delivery:

Light Pole Hot-dip galvanized, (with surcharge with powder coating)

Mast adapter for mounting the lamp head on the mast

LED lamp head, ready for use with connection cable

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

The brightness is comparable to 80W HQL mercury vapor lamp or a 50W sodium vapor lamp.

Lifetime: > 50000 hrs.

LED mushroom lights do not emit UV light and attract no insects. The lamp stays clean for longer and without cobwebs.

The LED mushroom lamps are almost maintenance free, have a very long life, require only a quarter of the power, like conventional mercury vapor lamps.

The light is pleasantly warm, evenly lit and does not fade into the surrounding windows.

Including LED supply unit.

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

Power consumption: 30 watts

Built-in power stabilization, which ensures constant luminous intensity even with fluctuating mains voltage.

Protection class: IP65

Protection class II

Permissible ambient temperature: -40 ° C ... + 40 ° C

Dimensions: diameter 600mm, height 418mm.

Including galvanized steel mast, powder coated in RAL against surcharge, fuse box in mast and cable.

Height: 4m

Soil: 60cm

Total height of the lamp: 4600 mm

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 use with connection cable
 Cable junction box 16² with fuses and screws for mounting in the mast door
 Weight: 51 kg



Street Light Pole 5m with LED Lamp Eco 54W



Decorative, flat street light fixture with LED 54 W and 5 meter steel pole.
 Made in Europe
 LS-ZM705E

Modern and elegant street lamp for bike path, parking, driveway, hiking trails, living areas.

Including galvanized steel mast with 5 meter LPH.

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

Dimensions: h1 length = 5000 mm / h2 soil = 800 mm

Including LED lamp head:

no maintenance costs, no reflectors clean.

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

Pleasant bright light, low glare, good visibility, durable and safe in operation.
 By using many small LEDs, the heat distribution is better and thus extends the life.

The brightness is equivalent to an 80W HQL mercury vapor lamp.

SMD LED chips

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

Luminous flux: > 7870 Lm

Central illuminance: > 25 lux (5m height)

Average light intensity: > 18 lux (5m)

Voltage: 100 - 277V 50-60Hz

Protection class: IP66

Impact resistance: IK08

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

LED operating current: 700mA

Power consumption 54W

Power factor > 0.90

Test mark: CE & RoHS

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

Housing aluminum high quality, gray RAL7005

Dimensions 470mm x 230mm x 60mm

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 50W-80W HQL mercury vapor lamp.

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

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 use with connection cable

Weight: 39 kg



Street Light Pole 5m with LED Light Slim 70W



Energy economizing LED street lamp 70 watt with 5 meter steel pole, made in Europe
LS-ZM7051

Despite the low power consumption, this luminaire provides as much light as a 700 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 top end 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: 20 - 30m

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: 70W

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: > 7000 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 70W

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 600mm x 300mm x 100mm

Tip: The widely used, old street lamps with 125W HQL mercury vapor lamp can be replaced by this LED luminaire.

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

Weight: 68 kg



Street Light Pole 5m with LED Lamp Eco 40W



Decorative, flat street light fixture with LED 40 W and 5 meter steel pole.
Made in Europe
LS-ZM705K

Modern and elegant street lamp for bike path, parking, driveway, hiking trails, living areas.

Including galvanized steel mast with 5 meter LPH.

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

Dimensions: h1 length = 5000 mm / h2 soil = 800 mm

Including LED lamp head:

no maintenance costs, no reflectors clean.

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

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

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

The brightness is equivalent to an 80W HQL mercury vapor lamp.

SMD LED chips

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

Luminous flux: > 2500 Lm

Central illuminance: > 20 lux (4m height)

Average light intensity: > 10 lux (4m)

Voltage: 100 - 277V 50-60Hz

Protection class: IP66

Impact resistance: IK08

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

LED operating current: 700mA

Power consumption 54W

Power factor > 0.90

Test mark: CE & RoHS

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

Housing aluminum high quality, gray RAL7005

Dimensions 470mm x 230mm x 60mm

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 50W-80W HQL mercury vapor lamp.

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

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 use with connection cable

Weight: 39 kg



LED Park Street Light Syll with Pole 5m



Decorative and blind-free post top LED lantern fixture 32W - 42W with steel pole and energy economizing LED. Height 5.40 meters LS-ZM705Y

Economical and decorative LED street light a. column light. Luminaire made of cast aluminum black-gray RAL 7021. UV-stabilized acrylic glass (on request prismatic polycarbonate). Light emission according to the relevant standards against the light pollution of the night sky.
To the mast attachment on 60mm masts.
Including power SMD LED lamp
LED mushroom lights emit no UV light and attract little insects. The lamp stays clean for longer and without cobwebs.
The LED mushroom lamps are almost maintenance free, have a very long life, require only a quarter of the power, like conventional mercury vapor lamps.
The light is pleasantly warm, evenly lit and does not fade into the surrounding windows.
Including LED supply unit.

Luminous flux: 3005 Lm
Light color: 4000K neutral white (from 10 pcs. Also 3000K warm white)
Light distribution: 360 degrees all around
Particularly economical - high efficiency of the lamp -
The brightness is comparable to 80W HQL mercury vapor lamp or a 70W sodium vapor lamp.
Lifetime: > 50000 hrs.
Operating voltage 230V (85 ... 265V AC) 50 / 60Hz
Power consumption: 32/50 watts
Built-in power stabilization, which ensures constant luminous intensity even with fluctuating mains voltage.
Protection class: IP65
Protection class II
Permissible ambient temperature: -40 ° C ... + 50 ° C
Dimensions: diameter 600mm, height 418mm

Including galvanized steel mast, powder coated in RAL against surcharge, fuse box in mast and cable.
Height: 5m
Soil: 80cm
Total height of the luminaire: 5800 mm

Delivery:
Light Pole Hot-dip galvanized, (with surcharge with powder coating)
Mast adapter for mounting the lamp head on the mast
LED lamp head, ready for use with connection cable
Cable junction box 16² with fuses and screws for mounting in the mast door

The brightness is comparable to 80W HQL mercury vapor lamp or a 50W sodium vapor lamp.
Lifetime: > 50000 hrs.
LED mushroom lights do not emit UV light and attract no insects. The lamp stays clean for longer and without cobwebs.
The LED mushroom lamps are almost maintenance free, have a very long life, require only a quarter of the power, like conventional mercury vapor lamps.
The light is pleasantly warm, evenly lit and does not fade into the surrounding windows.
Including LED supply unit.
Operating voltage 230V (85 ... 265V AC) 50 / 60Hz
Power consumption: 30 watts
Built-in power stabilization, which ensures constant luminous intensity even with fluctuating mains voltage.
Protection class: IP65
Protection class II
Permissible ambient temperature: -40 ° C ... + 40 ° C
Dimensions: diameter 600mm, height 418mm.
Including galvanized steel mast, powder coated in RAL against surcharge, fuse box in mast and cable.
Height: 4m
Soil: 60cm
Total height of the lamp: 4600 mm

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 use with connection cable
 Cable junction box 16² with fuses and screws for mounting in the mast door
 Weight: 51 kg



Street Light Pole 6m with LED Lamp Pixel 70W



GEO-Technik
LS-150

Street Light Pole 6m with LED Pixel 70W Lamp
 LS-ZM706C

Modern and elegant street luminaire for general lighting and residential areas.
 Includes galvanised steel pole with 6m LPH.
 Recommended distance, pole to pole: 18 - 28m.

Steel pole:
 hot-dip galvanised according to DIN EN 40-4
 h1 visible length: 6000 mm
 h2 ground : 1000 mm
 Mast top end Ø : 60mm
 d2 Base Ø : Approx. 114 mm
 Wall thickness s : Approx. 3 mm
 The mast has a lockable service door.
 Door : 85 x 400 mm
 Examples of mast distances: Distance 21,5m (13 Lux)
 Recommended foundation depth 110cm

Luminaire head included:

Optical features:
 Incl. Luxeon Power LEDs
 Lumen luminous flux: 9515 Lm
 Pleasant colour temperature: 4000K neutral white
 Light distribution: Street: Bi-asymmetrical adapted to the elongated course of the street,
 (from 8 units also symmetrical, asymmetrical or with cycle path optic)

Operating voltage: 230V 50 - 60Hz
 Power consumption 70W

Housing, latch, cover and mounting block: cast aluminium.
 Surface: Polyester powder coating.
 Mounting: 60mm mast top or attachment
 Mounting plate: Easily removable nylon fibreglass support plate.
 Protective glass: Tempered 4mm
 Tilttable in 4 steps up to 15
 Protection class: IP66 water jet protected. Class II
 Impact resistance IK10
 Wind load 0,213m²
 Dimensions: L 395 mm, W 283 x H 97 mm
 Certifications: CE, ENEC

Scope of delivery:
 Lamp post
 Pole adapter for mounting the lamp head on the pole
 LED lamp head, ready for use with connection cable

Dialux file: LS-151-STR.IES
 Weight: 39 kg



Street Light Pole 6m with LED Lamp Skyline 70W

Street Light Pole 6m with LED 70W Lamp
LS-ZM706S



LS-161

Modern and elegant street luminaire for general lighting and residential areas.

Includes galvanised steel pole with 6m LPH.
Recommended distance, pole to pole: 18 - 28m.

Steel pole:

hot-dip galvanised according to DIN EN 40-4

h1 visible length: 6000 mm

h2 ground : 1000 mm

Mast top end Ø : 60mm

d2 Base Ø : Approx. 114 mm

Wall thickness s : Approx. 3 mm

The mast has a lockable service door.

Door : 85 x 400 mm

Examples of mast distances: Distance 21,5m (13 Lux)

Recommended foundation depth 110cm

Luminaire head included:

Optical features:

Incl. Luxeon Power LEDs

Lumen luminous flux: 9515 Lm

Pleasant colour temperature: 4000K neutral white

Light distribution: Street: Bi-asymmetrical adapted to the elongated course of the street,

(from 8 units also symmetrical, asymmetrical or with cycle path optic)

Operating voltage: 230V 50 - 60Hz

Power consumption 70W

Housing, latch, cover and mounting block: cast aluminium.

Surface: Polyester powder coating.

Mounting: 60mm mast top or attachment

Mounting plate: Easily removable nylon fibreglass support plate.

Protective glass: Tempered 4mm

Tiltable in 4 steps up to 15

Protection class: IP66 water jet protected. Class II

Impact resistance IK10

Wind load 0,213m²

Dimensions: L 395 mm, W 283 x H 97 mm

Certifications: CE, ENEC

Scope of delivery:

Lamp post

Pole adapter for mounting the lamp head on the pole

LED lamp head, ready for use with connection cable

Dialux file: LS-151-STR.IES

Weight: 39 kg



Street Light Pole 7 Meter with LED 60W



Bright, energy-saving LED street lamp with 7 metre galvanised steel pole. LS-ZM707-7

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 top end 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

Weight: 84 kg



Light pole 6m with LED path light Eco 36W



Energy-saving LED street lamp in a chic, flat design. Complete with 6 metre galvanised steel pole.
Only 36W consumption, comparable to 400W halogen light.
LS-ZM709E

Despite the low power consumption, this luminaire gives as much light as a 400 Watt halogen lamp.
Modern and elegant street light for cycle paths, car parks, driveways, footpaths, residential areas.
Includes galvanised steel mast with 6 metre LPH and, for an extra charge, with lateral bracket.
Recommended distance, pole to pole: 20 - 30m.

Steel pole:

Luminaire mast, resistant to vandalism and environmental influences, hot-dip galvanised, resistant to weathering and corrosion
Additionally painted in any RAL colour (powder-coated) at an extra charge.
The pole has a lockable service door and a terminal box with fuse.
With earth connection
h1 visible length : 6000 mm
h2 ground : 800 mm
Mast top end Ø 60mm (optional 76mm)
d2 base Ø 114 mm
Wall thickness s 3 mm
With door 85 x 400 mm, lockable

Including LED luminaire head:

No maintenance costs, no reflectors to clean.
The LEDs do not emit UV light, so hardly any insects are attracted.
Pleasantly bright light, low glare, good visibility, long-lasting and safe in operation.

SMD LED chips

Due to the use of many small LEDs, the heat distribution is better and thus the service life is extended.
The brightness corresponds approximately to an 80W HQL mercury vapour lamp.

Light colour: 4000K neutral white (from 50 pieces also with 2700K, 3000K or 5600K)
Luminous flux: > 5000 Lm
Central illuminance: > 25 Lux (5m height)
Average luminous intensity: > 18 Lux (5m)
Voltage: 100 - 277V 50-60Hz
Protection class: IP65
Impact resistance: IK10
Ambient temperature: -25°C ... +45°C
LED operating current: 700mA
Power consumption 36W
Power factor > 0.90
Mark of conformity: CE & RoHS
Spare parts guarantee on the E-block (driver) 20 years
Housing high quality aluminium, grey RAL7005
Dimensions 470mm x 230mm x 60mm

Tip:

The widespread, old street lights with 40W double tubes can be replaced by this LED luminaire.
Likewise as a replacement for the mushroom luminaires with 80W HQL mercury vapour lamp.
You will significantly save energy, maintenance costs and achieve better illumination by replacing them.

Scope of delivery:

Lamp post,
pole adapter for mounting the lamp head on the pole
LED lamp head, ready for operation with connection cable
Cable transition box 16² with fuses and screws for mounting in the mast door.
Weight: 68 kg



Street Light Pole 7 Meter with LED 60W



LS-143-1

Bright, energy-saving LED street lamp with 7 metre galvanised steel pole. LS-ZM711A

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 top end $\varnothing = 76\text{mm}$

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

Weight: 84 kg



Street Light Pole 8 Meter with LED 140W

Very bright, energy-saving LED street lamp with 8 metre galvanised steel pole.

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.

Dimensions: h1 length = 8000 mm / h2 soil = 1200 mm

Foundation depth 130cm

Mast top end Ø = 76mm

Incl. Lighting head:

no maintenance costs, no reflectors clean.

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

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

LED power: 140W

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: 17900 Lm

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: 140W

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

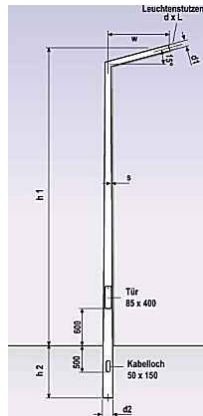
LED lamp head, ready for operation with connection cable

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

LS-ZM712LS



Street Light Pole 5 Meter with LED Streetlight Eco 35W



Energy economizing LED street lamp 35 watt with 5 meter steel pole and davit made in Europe.
LS-ZM730

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 top end $\varnothing = 60\text{mm}$ (optional 76mm)

d2 foot $\varnothing = 114\text{mm}$

Wall thickness $s = 3\text{mm}$

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: 36W

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: > 5000 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 36W

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

Weight: 68 kg



Street Light Pole 5 Meter with LED Streetlight Skyline 35W



LS-161

Street Light Pole 5 Meter with LED 35W
LS-ZM730S

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 top end 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: 35W

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: > 4475 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 35W

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

Weight: 68 kg



Lighting Mast 5m with 4 LED floodlights



GEO-Technik
Germany

Steel light pole LPH 5 meters high with 4 LED spotlights 70W each. For lighting car parks, construction sites or yards.
LS-ZM747

Luminaire pole, resistant to vandalism and environmental influences.
4 bright LED spotlights in robust, adjustable die-cast aluminium housing.

Mast hot-dip galvanised, weather and corrosion resistant, additionally painted in any RAL colour (powder-coated) at extra charge. Steel pole S235 according to DIN EN 40-4.

With door 85 x 400 mm.

The pole has an earth piece of 80cm length which is concreted into the ground.

Dimensions:

h1 visible length: 5000 mm

h2 earth piece: 800 mm

foundation depth: 90cm

mast top end Ø: 76mm

d2 base Ø: 90 mm

Wall thickness s: 3 mm

* These masts are offered in different versions. Dimensions may vary.

Light output : 28,400 lumen

The brightness corresponds to about 4 halogen spotlights of 600 Watt each.

Light colour: 4000 K (pure white) - other colours on request.

Illuminated area: approx. Ø 20-35 metres

Light distribution: 90

Voltage: 230 / 400V 50 - 60Hz

Very long, maintenance-free service life, thanks to the use of efficient LED lamps.

20-year spare parts availability guarantee.

Protection class luminaire head: IP66

Approval marks: CE, RoHS, WEEE

* The illustrations show similar spotlights with different sizes.

Weight: 120 kg



Lighting Mast 6m with 4 LED floodlights



Steel light pole LPH 6 metres high with 4 LED spotlights 70W each. For lighting car parks, construction sites or yards.
LS-ZM748

Luminaire pole, resistant to vandalism and environmental influences.
4 bright LED spotlights in robust, adjustable die-cast aluminium housing.

Mast hot-dip galvanised, weather and corrosion resistant, additionally painted in any RAL colour (powder-coated) at extra charge.
Steel pole S235 according to DIN EN 40-4.
With door 85 x 400 mm.
The pole has an earth piece of 100cm length which is concreted into the ground.

Dimensions:

h1 visible length: 6000 mm
h2 earth piece: 1000 mm
foundation depth: 110cm
mast top end Ø: 60 mm or 76mm
d2 base Ø: 130 mm
Wall thickness s: 3 mm

* These masts are offered in different versions. Dimensions may vary.

Light output : 28,400 lumen

The brightness corresponds to about 4 halogen spotlights of 600 Watt each.

Light colour: 4000 K (pure white) - other colours on request.

Illuminated area: approx. Ø 25-40 metres

Light distribution: 90

Voltage: 230 / 400V 50 - 60Hz

Very long, maintenance-free service life, thanks to the use of efficient LED lamps.

20-year spare parts availability guarantee.

Protection class luminaire head: IP66

Approval marks: CE, RoHS, WEEE

* The illustrations show similar spotlights with different sizes.

Weight: 120 kg



Lighting Mast 6m with 4 LED floodlights 136W



Galvanized lighting pole tower, 6 meters high. With 4 LED lights. For parking lot, building site or yard.
LS-ZM748-2

Luminaire pole, resistant to vandalism and environmental influences.
4 bright LED spotlights in robust, adjustable die-cast aluminium housing.

Mast hot-dip galvanised, weather and corrosion resistant, additionally painted in any RAL colour (powder-coated) at extra charge.
Steel pole S235 according to DIN EN 40-4.
With door 85 x 400 mm.
The pole has an earth piece of 100cm length which is concreted into the ground.

Dimensions:

h1 visible length: 6000 mm
h2 earth piece: 1000 mm
foundation depth: 110cm
mast top end Ø: 60 mm or 76mm
d2 base Ø: 130 mm
Wall thickness s: 3 mm

* These masts are offered in different versions. Dimensions may vary.

Light output : 75.200 Lumen

The brightness corresponds to about 4 halogen spotlights of 1500 Watt each.

Light colour: 4000 K (pure white) - other colours on request.

Illuminated area: approx. Ø 25-40 metres

Light distribution: 90

Voltage: 230 / 400V 50 - 60Hz

Very long, maintenance-free service life, thanks to the use of efficient LED lamps.

20-year spare parts availability guarantee.

Protection class luminaire head: IP66

Approval marks: CE, RoHS, WEEE

* The illustrations show similar spotlights with different sizes.

Weight: 120 kg



Lighting Mast 10m with 4 LED floodlights 100W



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.

Steel pole resistant to vandalism and environmental influences.

Dip galvanized.

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.

Lighted area Ø aprx. 60 meter

Voltage: 230V / 380V 50 - 60Hz

Very long maintenance-free system lifespan, by use of efficient LED lamps.

20 Years sparepart availability guarantee.

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



Lighting Mast 10m with 4 LED floodlights 220W



Galvanized lighting pole tower, 10 meters high. With 4 LED lights 220w each. For parking lot, building site or public places.
LS-ZM751

Recommended for building sites, mining, camps and parking lots.
4 bright LED floodlights 220W, in adjustable, stable aluminium casing.

Steel pole resistant to vandalism and environmental influences.

Dip galvanized.

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: 105600 lumen

The brightness is like 4 halogen floodlights each 2000 watt.

Light colour: 4000 K (pure white). on request other colours.

Lighted area Ø aprx. 70 meter

Voltage: 230V / 380V 50 - 60Hz

Very long maintenance-free system lifespan, by use of efficient LED lamps.

20 Years sparepart availability guarantee.

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



Street Light Pole 5 Meter with LED Streetlight Eco 35W



Energy economizing LED street lamp 35 watt with 5 meter steel pole and davit made in Europe.
LS-ZM795

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 top end 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: 36W

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: > 5000 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 36W

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



Weight: 68 kg

Brackets and adaptors for Steel Poles






	Knee Corner Adaptor for Lighting Pole 60mm / 50mm	To mount a side entry fixture with 50mm on a straight pole with 60mm top diameter. Angle piece welded from steel. Angled by 15°. With 4 stainless steel screws for fixing. Hot-dip galvanised inside and outside. Powder-coated at extra charge. Total height approx. 300mm Outrigger 200mm LS-ZM920-50
	Knee Corner Adaptor for Lighting Pole 60mm	To mount a side entry fixture with 60mm on a straight pole with 60mm top diameter. LS-ZM920-60
	Knee Corner Adaptor for Lighting Pole 60mm	To mount a side entry fixture with 60mm on a straight pole with 60mm top diameter. LS-ZM920-60i
	Knee Corner Adaptor for Lighting Pole 76mm /50mm	For attaching a post-top luminaire with 50mm socket to 76mm post. LS-ZM921-50
	Knee Corner Adaptor for Lighting Pole 76mm /60mm Light	For attaching a post-top luminaire with 60mm mount to 76mm post. LS-ZM921-60
	Knee Corner Adaptor for Lighting Pole 76mm /60mm Light	For attaching a post-top luminaire with 60mm mount to 76mm post. LS-ZM921-60i
	Knee Corner Adaptor for Lighting Pole 89mm /60mm	To mount a side entry fixture with 60mm on a straight pole with 86-89 mm top diameter. LS-ZM922-60
	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
	Extension 1m for Lighting Pole 60mm	Extension of a street light pole for 1 meter. LS-ZM930
	Extension for Lighting Pole 76mm > 60mm	Extension of a 76mm street light pole for 1 meter. LS-ZM930-1
	Extension 2m for Lighting Pole 60mm	Extension of a street light pole for 2 meters. LS-ZM930-2
	Extension 1m for Lighting Pole 76mm > 76mm	Extension of a street light pole for 1 meter. LS-ZM931-1
	Extension 2m for Lighting Pole 76mm > 76mm	Extension of a street light pole for 2 meters. LS-ZM931-2
	Extension for Lighting Pole 76mm > 60mm	Extension of a 76mm street light pole for 2 meters. LS-ZM932-2
	Pole Adaptor for Concrete Mast 130mm	Reduction and extension for existing octagonal concrete mast with an outer diameter on pipe socket 76mm. Also as repair attachment for rusted mast top. LS-ZM937-8076

	Adaptor 42mm Pole / 60mm Fixture	Pole adapter 40-44mm Pole diameter (outer diameter) 60mm for e.g. luminaire connection. LS-ZM943
	Adaptor 50mm Pole / 60mm Fixture	Pole adapter 50mm pole diameter (outer diameter) to 60mm for e.g. luminaire connection. LS-ZM944
	Adaptor 60mm Pole / 76mm Fixture	Adaptor 60mm Pole / 76mm Fixture LS-ZM944-1

Accessories for pole, tripod or truss

	Adaptor 60mm Pole to 50mm Fixture	Adapter from 60mm pole diameter to 50mm luminaire connection. LS-ZM945
	Pole Adaptor 60mm to 1 1/4 Inch	60mm pole diameter to 1 1/4 inch (42mm) fixture size. LS-ZM946

Brackets and adaptors 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 50mm Fixture	To reduce 76mm pole diameter to 50mm fixture mounting size. LS-ZM947-5
	Adaptor 89mm Pole to 60mm Fixture	Adapter for reducing 89mm mast (outer diameter) to 60mm luminaire holder. LS-ZM948-6
	Top Cap for Lighting Pole 60mm	Cover cap for luminaire mast Mast top For poles with 60mm outer diameter LS-ZM950
	Top Cap for Lighting Pole 76mm	Cover cap for luminaire mast Mast top For masts with 76mm outer diameter LS-ZM951
	Edge protection for cable hole on luminaire pole	LS-ZMK15