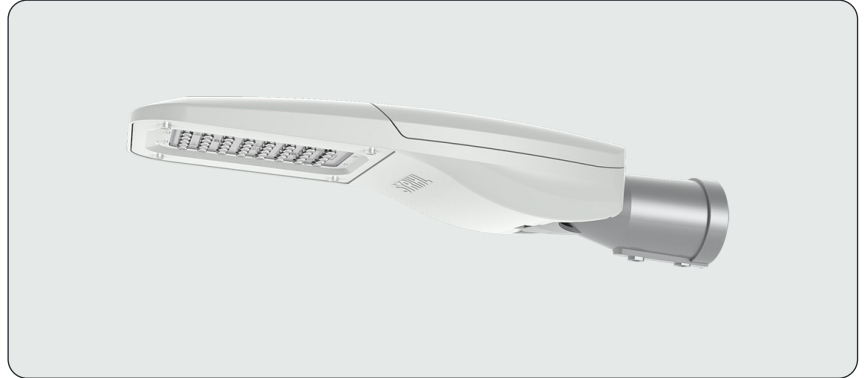
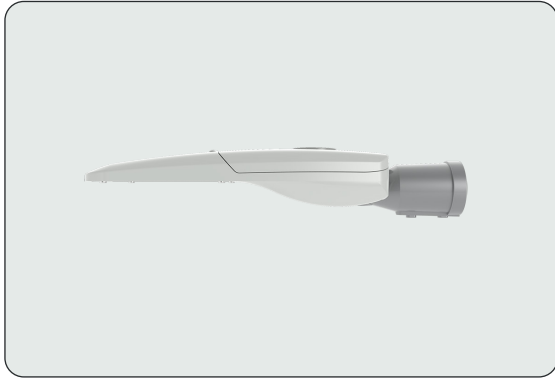


HERCULES S

10-80 W LED, 3000 K / 4000 K, CRI 70

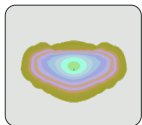
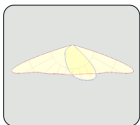
STRIHL
LIGHTING



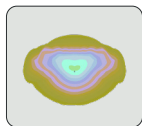
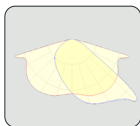
APPLICATIONS

THROUGH ROADS AND ACCESS ROADS
FOOTWAYS
PEDESTRIAN, CYCLE AND MOPED PATHS
MAIN STREETS
LOCAL STREETS
COLLECTOR STREETS
ROADS OUTSIDE URBAN AREAS
ROAD JUNCTIONS
ROUNDBABOUTS
PARKING AREAS
PEDESTRIAN CROSSINGS

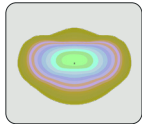
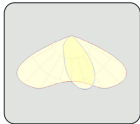
LIGHT DISTRIBUTION



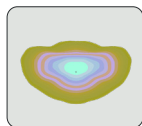
L2
Asymmetric



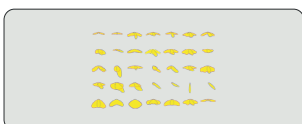
L5
Asymmetric



L2:50
Asymmetric



L5:50
Asymmetric



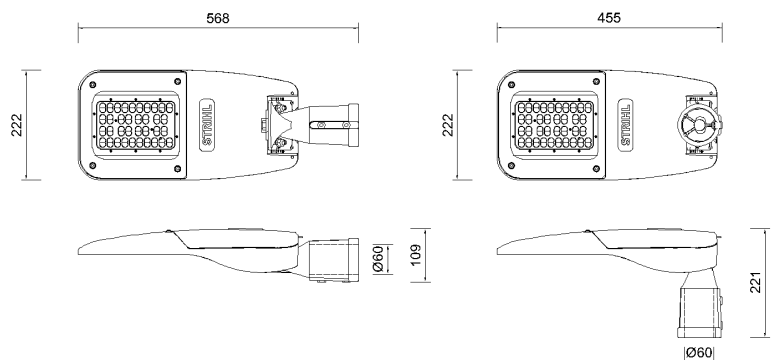
LEDiL
catalogue

The luminaire housing has a modern design and is made of powder-coated die-cast aluminium. The slightly curved top is designed to effectively prevent snow accumulation. The service hatch is positioned at the upper rear edge and opens easily without tools, allowing simple access to all components. The light source is discreetly recessed to reduce spill light and improve visual comfort. For optimal heat dissipation and extended service life, the cooling fins are integrated inside the luminaire housing. All gaskets are made of age-resistant material, and the screws are made of stainless acid-resistant steel.

DIMENSIONS, WEIGHT AND INSTALLATION

Length x width x height	455 x 222 x 109 mm
Weight	4,4-4,9 kg
Wind area	0,0495 m ²
Mounting method	Post-top - Ø 38-76 mm Pole arm - Ø 38-76 mm Wall bracket - Ø 38-76 mm Corner bracket - Ø 38-76 mm Tubular bracket for mast - Ø 38-76 mm

» Size and weight may vary depending on configuration.



HERCULES S

10-80 W LED, 3000 K / 4000 K, CRI 70

STRIHL
LIGHTING

GENERAL DATA

Certificates	ENEC, ZHAGA D4i
Environmental Product Declaration	EPD
According to applicable standard	EN 60598-1:2015+A1, EN 60598-2-3:2003+A1, EN 62493:2015
EMC	Driver/luminaire according to EN55015, EN61000-2-3, EN61547
Minimum mounting height	3-20 m based on wattage
Lägsta monteringshöjd	3 m to ensure photobiological safety
Pre-mounted cable	10-15 m FQQ/MPC
Options	Zhaga socket, NEMA socket, light/motion sensor, external surge protection 10 kV, CLO

CONSTRUCTION

Material	High-pressure die-cast aluminium, pressed sheet steel and details in stainless steel
Surface treatment	Powder coating
Corrosivity class	C5
Impact resistance class	IP66
Vandalklass	IK09
Standard colour	Light grey RAL 7035 *

* Other RAL colours on request.

ELECTRICAL DATA

Power	10-80 W
Number of chips	10-36 st
Control	Fixed, 0-10 V, DALI, DALI2
Surge protection, transient protection (class I)	10 kV (extended external 10 kV protection available as an option)
Surge protection, transient protection (class II)	6 kV (extended external 10 kV protection available as an option)
Night dimming	SP1, SP2 or according to request
LED lifetime	L90B10 100,000 h / L80B10 140,000 h / L70B10 175,000 h (IESNA LM80) *
Operating temperature range	-40° to +55 °C
Mains voltage	220-240 V AC/50-60 Hz
Electrical safety class	I EU or II EU

* Depending on wattage and ambient temperature.

LIGHTING DATA

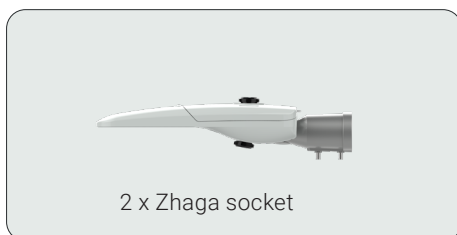
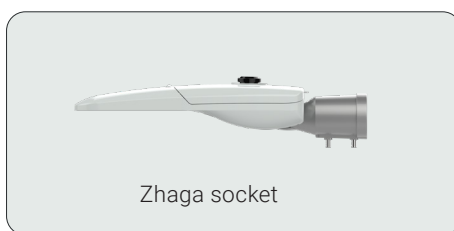
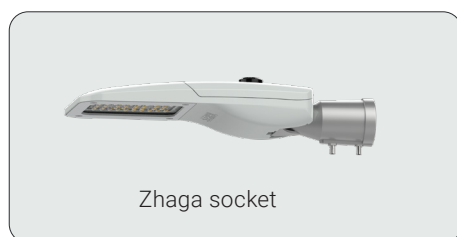
Light source	LED
Optics	Lenses
Colour temperature (K)	4000 K as standard, 3000 K on request
Colour rendering (CRI)	CRI 70
Luminous efficacy (lm/W)	Up to 172 (4000 K), up to 160 (3000 K)
Light distribution	L2, L5, L2:50, L5:50, LEDiL
SDCM	<5

HERCULES S








10-80 W LED, 3000 K / 4000 K, CRI 70

STRIHL
LIGHTING

VARIANTS



ACCESSORIES

Article	Type		Design
3790100	STRAIGHT POLE ADAPTER, 1 ARM		Adapter with single arm for post-top Ø 60 mm. Made of hot-dip galvanized steel.
37901014	STRAIGHT POLE ADAPTER, 2 ARMS (90°)		Two-arm adapter for post-top Ø 60 mm. Made of hot-dip galvanized steel.
3790101	STRAIGHT POLE ADAPTER, 2 ARMS (180°)		Two-arm adapter for post-top Ø 60 mm. Made of hot-dip galvanized steel.
3603	STRAIGHT POLE ADAPTER, 4 ARMS (70°)		Four-arm adapter for post-top Ø 60 mm. Made of hot-dip galvanized steel.
1011011	WALL BRACKET, Ø 48 MM		Triangular bracket allowing mounting on a wall or façade. Single arm angle Ø 48 mm. Made of hot-dip galvanized steel.
10110113	CORNER BRACKET, Ø 60 MM		Allows mounting on a wall or façade with a 90° corner. Single arm angle Ø 60 mm, angle 10°.
376	INTEGRATED ADAPTER, FLEX Ø 76 MM		Integrated adapter for post-top or arm Ø 76 mm. Spacer recommended for smaller diameters.