SLOT VELA

SLOT VELA is a versatile post top luminaire for direct and indirect illumination.
The luminaire is an UP-DOWN SLOT fitting with separate lamps and two stand-alone gears for independent operation.
SLOT VELA can be used both with direct and indirect light emission (first simulation) or only with direct downward light emission (second simulation) according to the light pollution regulations.
The use of a specifically shaped optic for the projection on the sail, allows a wide distribution on the ground with a very diffuse effect.
The direct downward optic is engineered to achieve excellent asymmetric light distribution independently from the indirect light emission.

HIT-DE 150W and 70W Rx7s

INDIRECT LIGHT HIT-DE 150W and DIRECT LIGHT HIT-DE 70W

HIT-DE 70W Rx7s

DIRECT LIGHT HIT-DE 70W

SLOT VELA

Thanks to its solid structure and the shape and position of the sail, SLOT VELA has excellent mechanical characteristics even in case of strong winds.
The best aesthetic result is obtained by giving design continuity between the pole top and the main pole.
For this reason Simes can provide steel poles already fitted with the proper connections.

A ring accessory is also available to eliminate light pollution.

All screws are made of stainless steel.

LIGHT SOURCE:
Die-cast EN AB-47100 and extruded EN AW-6060 aluminium housing (copper free) with high corrosion resistance.
Bidirectional reflector with street optic for direct downward illumination.
Asymmetric reflector for indirect upward illumination.
Clear toughened glass 8 mm thick.
Stainless steel screws.
Two independent control gears.
Electrical wiring with fast connector.
Silicone gaskets.
Double powdered paint with high resistance against UV rays and corrosion.

POLE CONNECTION:
Pole head in painted steel with Ø120 mm connection.

DIFFUSER:
Diffuser with involute distribution for indirect light in white fibre glass.
Lamp not included.
IP65
CLASS II ⧈
IK09
F

COLOUR:
Aluminium grey (code 14)

S.2835

ACCESSORY **POLE CONNECTOR** FOR Ø 120 mm POLE (Required when you don't use SIMES poles).

SLOT VELA must be used only with pole Ø 120 mm
The Ø 108 mm ÷ Ø 120 mm **POLE CONNECTOR** is available on request to get a perfect symmetry between pole and head pole (Ø 120 mm both).
Ø 120 mm SIMES poles (Articles **S.2836** and **S.2837**) are supplied with Ø 108 mm welded spigot, so they do not need the pole connector accessory.

S.2831.09

ACESSORY AGAINST LIGHT POLLUTION

With this accessory the light emission above 90° is 0%

S.2836

Ø 120 mm CYLINDRICAL POLE TO BE BURIED
with Ø 108 mm SPIGOT
Painted steel pole.
Pole total height 5.85 m
To be buried for 0.8 m
Provided with inspection door and terminal board.

SLOT VELA INSTALLED ON S.2836 POLE:
Finished product total height 6.60 m

S.2837

Ø 194 mm - Ø 120 mm CYLINDRICAL SHAPED POLE TO BE BURIED with Ø 108 mm SPIGOT
Painted steel pole.
Pole total height 8.25 m
To be buried for 1.0 m
Provided with inspection door and terminal board.

SLOT VELA INSTALLED ON S.2837 POLE:
Finished product total height 8.80 m

S.3978

INDIRECT EMISSION (UPWARD)

For lamp HIT-DE **150W** Rx7s
13250 lm
Lamp position fixed

DIRECT EMISSION (DOWNWARD)

For lamp HIT-DE **70W** Rx7s
6500 lm
Lamp position fixed

S.3979

INDIRECT EMISSION (UPWARD)

For lamp HIT-DE **250W** Fc2
20000 lm
Lamp position fixed

DIRECT EMISSION (DOWNWARD)

For lamp HIT-DE **70W** Rx7s
6500 lm
Lamp position fixed

Reflected light | Direct light

S.3974

INDIRECT EMISSION (UPWARD)

For 2 lamps HIT-DE **150W** Rx7s
13250 lm
Lamps position fixed

DIRECT EMISSION (DOWNWARD)

For 2 lamps HIT-DE **70W** Rx7s
6500 lm
Lamps position fixed

S.3975

INDIRECT EMISSION (UPWARD)

For 2 lamps HIT-DE **250W** Fc2
20000 lm
Lamp position fixed

DIRECT EMISSION (DOWNWARD)

For 2 lamps HIT-DE **70W** Rx7s
6500 lm
Lamp position fixed

Reflected light | Direct light

SODIUM

SLOT VELA fittings for metal halide HIT-DE lamps can also use sodium HST-DE lamps, working with the same gear.