

MAIN ADVANTAGES



No electrical
conductivity



Eco friendly



Easy to
assemble



High mechanical
resistance



Low weight



UV protection

SKPF-SCO Lighting pole with interactive pedestrian crossing on foundation

Column symbol	H (m)	BD (mm)	SD (mm)	TD (mm)	CP (mm)	WD (mm)	BPHD (mm)	BPL (mm)	W (kg)	max. possible bracket	Lighting fixture Cx=1 / C-v=26m/s / II (m² / kg)	Classification EN 12767:2019 (EN 12767:2008)
SKPF-SCO 6,0/175/60	6,0	175	175	60	130	85	200	275	71,5	WJ1/60/5/1500 or without bracket	0,1 0,25	Class 0

SKPW-SCO Lighting pole with interactive pedestrian crossing for direct burial

Column symbol	H (m)	GH (m)	BD (mm)	SD (mm)	TD (mm)	CP (mm)	WD (mm)	W (kg)	max. possible bracket	Lighting fixture Cx=1 / C-v=26m/s (m² / kg)	Classification EN 12767:2019 (EN 12767:2008)
SKPW-SCO 6,0/175/60	6,0	1,0	175	175	60	130	85	66	WJ1/60/5/1500 or without bracket	0,1 0,25	Class 0

Technical Data – Composite Pole

Vehicle impact classification	Class 0 (Not tested)
Finish	Smooth surface with a seam; cylindrical in cross-section. Made of composite material reinforced with fiberglass. Painted surface.
Resistance	Corrosion resistant (including fungal), UV, salt, non-conductive, easy-to-clean surface.
Height (H)	Standard 6m above ground level.
Diameter (BD & SD)	Standard ø 175mm over entire length.
Top Diameter (TD) (CP)	Aluminum sleeve ø 60x130, adapted for direct mounting of arm or lighting fixture.
Mounting for SKPF-SCO (BPHD) (BPL)	Mounted on foundation with hot-dip galvanized steel base. Foundation type and size must be determined based on site conditions, and responsibility for proper selection lies with the building designer (per Building Law).
Mounting for SKPW-SCO (GH)	Pole buried directly in ground. Burial depth chosen for average soil category. Soil verification required for each location. Responsibility for assessment lies with the building designer (per Building Law).
Standards	Wind load: PN-EN 1991-1-4 for terrain category II, class B Design & verification: PN-EN 40-3-1, PN-EN 40-3-3 Dimensions & tolerances: PN-EN 40-2 Hot-dip galvanization: PN-EN ISO 1461:2011 Certification: EN 40-7:2002, CE Marking
Additional Notes	Standard system includes two composite poles with accessories listed in “System Technical Data”. Weight refers to a single pole with standard full equipment (excluding fixture).
Operating Principle	Pedestrian movement is detected, activating: Flashing warning lights (9 internal yellow lamps per pole) Illuminated D-6 sign Voice alert to caution pedestrians D-6 sign stays illuminated after dusk.

System Technical Data

Lighting Fixture	Asymmetric, Cordoba LED II or III (CE & ENEC+) Double-sided, active, backlit (100–1000cd) Translucent reflective 600×600×13 Material: Stainless steel/plastic Foil type II or III (CE/B)
D-6 Sign	
Control Unit	Hardware: electrical equipment + controller Radio module for inter-pole communication (CE)
Motion Sensor	External curtain-type NV37M, active IR Detection: 2x dual PIR (CE)
Battery	Battery (Li-ion; 60 Wh) for backup of key system functions in the event of power loss. Supports the control unit, internal warning lights in the pole, and voice messages. A single 8-hour charging cycle provides ~300 activations in case of mains power failure. Charging temperature range: -20°C to +45°C Discharging temperature range: -20°C to +60°C
Foundation	F100/30 (for average soil category) (CE)
Warning Lights	9x internal per pole Brightness: 60–100cd per unit
Power Supply	230V to 12V converter Powers control unit and accessories (excluding fixture)
Speaker	Polish (or EN / DE) voice alerts Adjustable volume 0–10 Other languages possible
Other Notes	Suitable for single-lane (two-lane) roads, one-way or two-way Optical/audio signals adjustable: 5–80 seconds

Optional Accessories

Reflective Road Markers	Active or passive, for horizontal road marking
Bracket	WJ1/60/5/500 up to WJ1/60/5/1500
Smart luminaries	With DALI sensor or lighting intensity control
T-27 or D-6b Sign	Reflective, optionally illuminated
Additional Motion Sensor:	In locations where the pole is positioned too far from the roadway, an additional NV37M sensor may be required. Option to integrate a sensor for detecting cyclists.
Astronomical Timer:	Optional for the control unit

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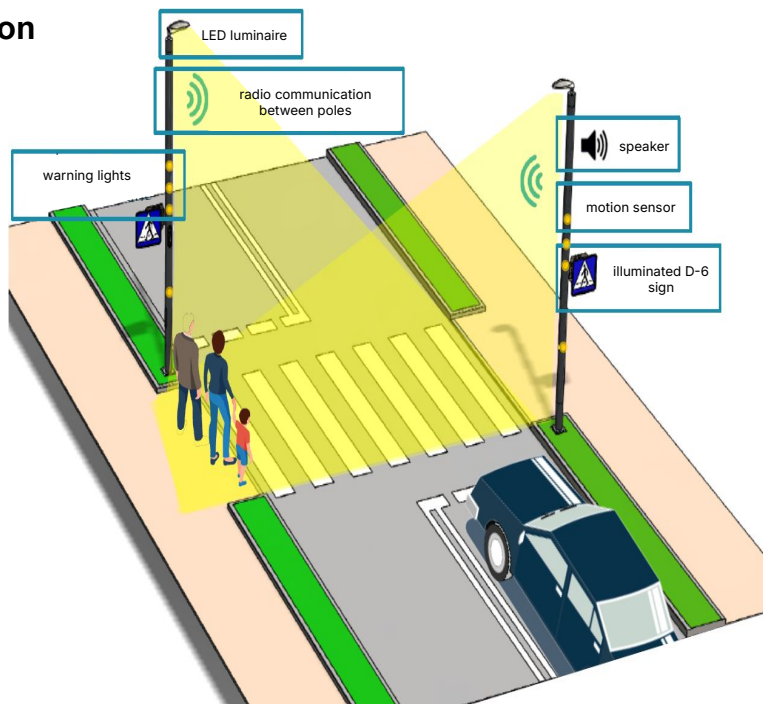
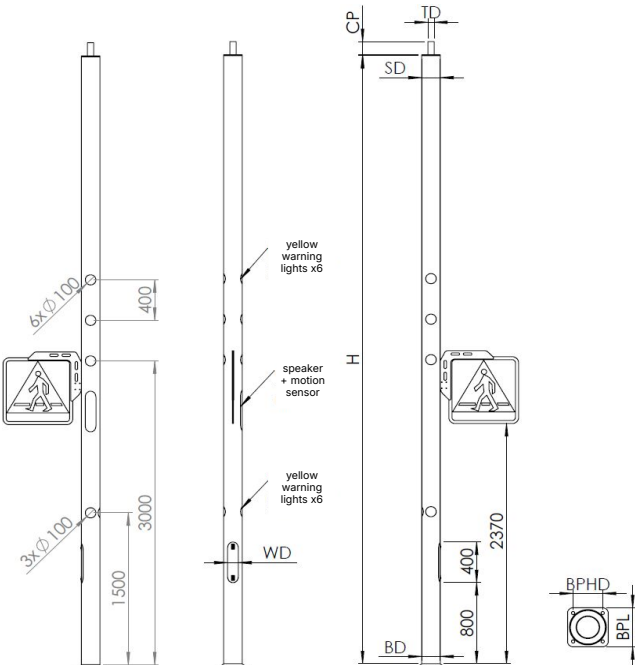


Low weight

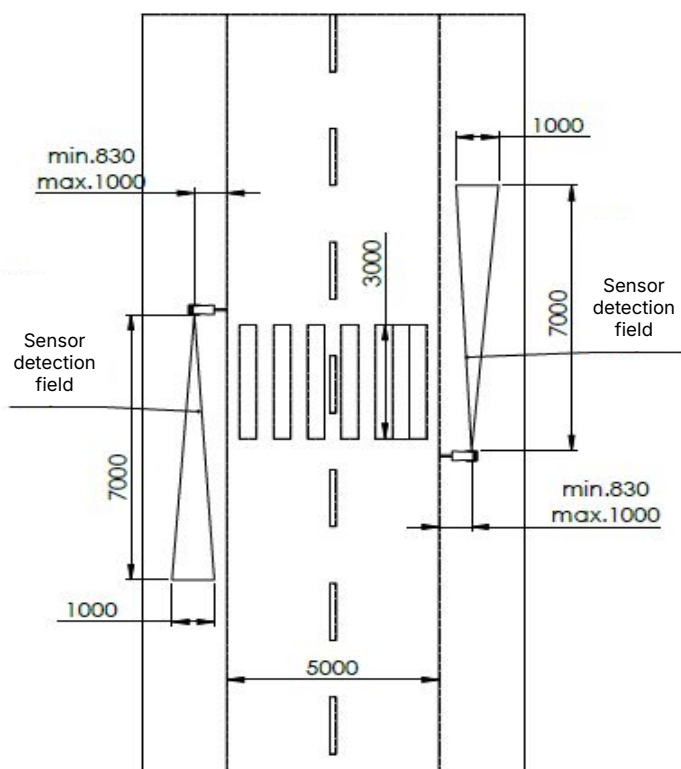
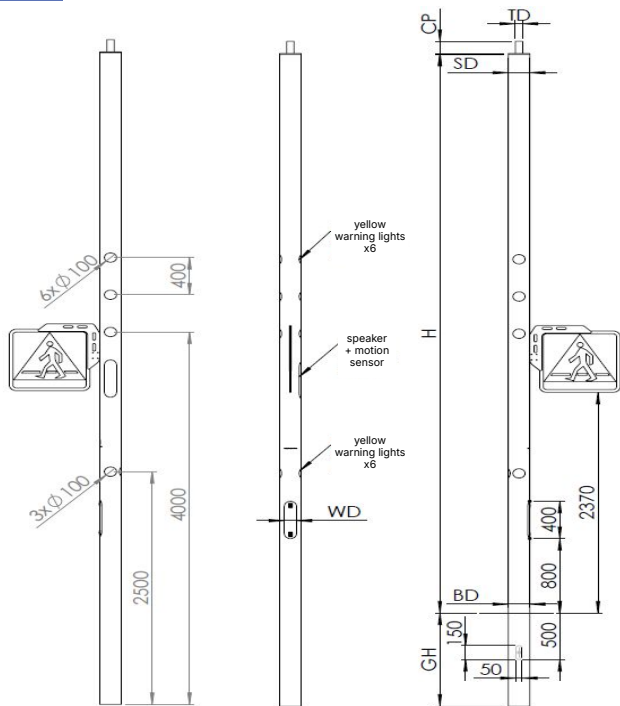


UV protection

SKPF-SCO Foundation-mounted version



SKPW-SCO Direct-burial version



Color

RAL 7016



Possibility to produce poles in any RAL colour