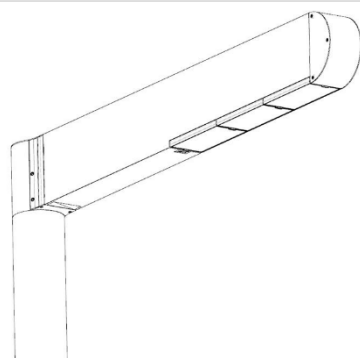




DRAGON

MAIN CHARACTERISTICS

Applications	Street and urban lighting.
Optic	SL05 - SL07: Asymmetrical optic for street, urban and green area lighting. SL05-C / SL07-C: Asymmetrical optics with high visual comfort for street, urban and green area lighting. SLE-M - SLE-S: Asymmetrical optic for suburban street lighting. SLE-M-C / SLE-S-C: Asymmetrical optic with high visual comfort for extra-urban street lighting. SLU-M - SLU-S: Asymmetrical optic for street, urban and cycle/pedestrian lighting. SLU-M-C / SLU-S-C: Asymmetrical optic with high visual comfort for street, urban and cycle/pedestrian lighting. Colour temperature: 4000K, 3000K, 2700K, 2200K (others in option) CRI≥70. LOR= 100%, DLOR= 100%, ULOR= 0% Photobiological safety class: EXEMPT GROUP LED source efficiency: 174 lm/W @ 400mA, Tj=85°C, 4000K
Insulation class	II, I
Protection degree	LED Modules: IP66 Gear tray compartment: IP66
Dimensions	See the drawing
Weight	Appliance: max. 15kg including Post-Top
Exposed surface	Appliance: Version 1500: Side: 0.25m ² – Top: 0.12m ² SCx: 0.45m ² Version 1800: Side: 0.31m ² – Top: 0.15m ² SCx: 0.54m ²
Mounting	Post-top Ø127 on AEC Dragon pole (see pole section)
Tilt Angle	0°
LED Modules	Removable / Replaceable.
Gear tray	Removable, integrated in the luminaire
Operating temp.	-40°C / +50°C
Storage temp	-40°C / +80°C
Main reference standards	EN 60598-1, EN 60598-2-3, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3



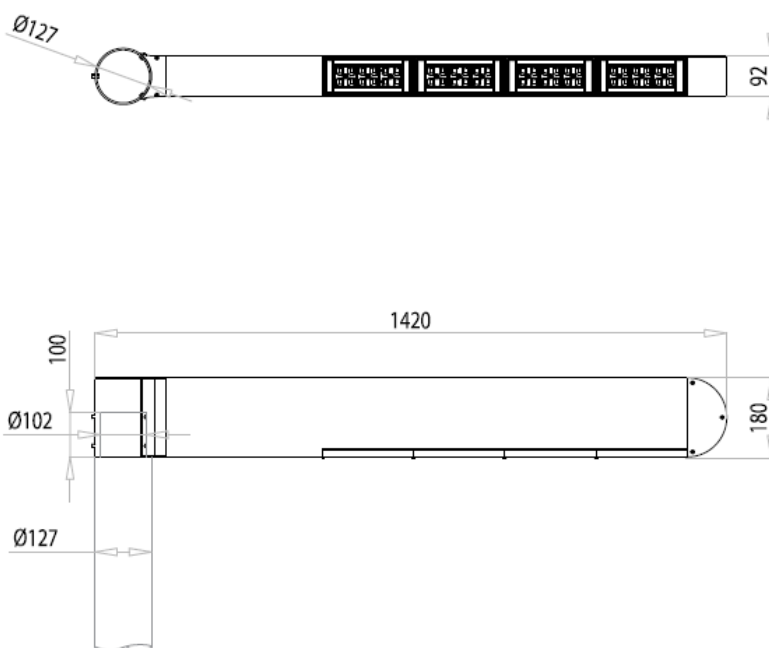
ELECTRICAL CHARACTERISTICS

Rated voltage	220+240V 50/60Hz
Power factor	>0,9 (at full load)
Mains connection	Terminal box on pole. Terminal section 4x16mm ² (see pole section)
Surge protection	Up to 12kV With SPD: CL.II: 10kV / 10kV CM/DM CL.I: 12kV / 10kV CM/DM Without SPD: CL.II: 10kV / 6kV CM/DM CL.I: 10kV / 6kV CM/DM
SPD (optional)	12kV-10kA, type 2+3, with LED signal and thermo fuse to disconnect load at the end of life.
Control system (options)	F: Fixed power not dimmable. DA: Automatic dimming (virtual midnight) with default profile. DAC: Custom DA profile. FLC: Constant light flux. DALI: Digital dimming interface DALI. ZHAGA: Socket 4 pin (ZHAGA Book 18).
Optical unit lifetime (Tq=25°C)	>100.000hr L90B10 >100.000hr L90, TM21

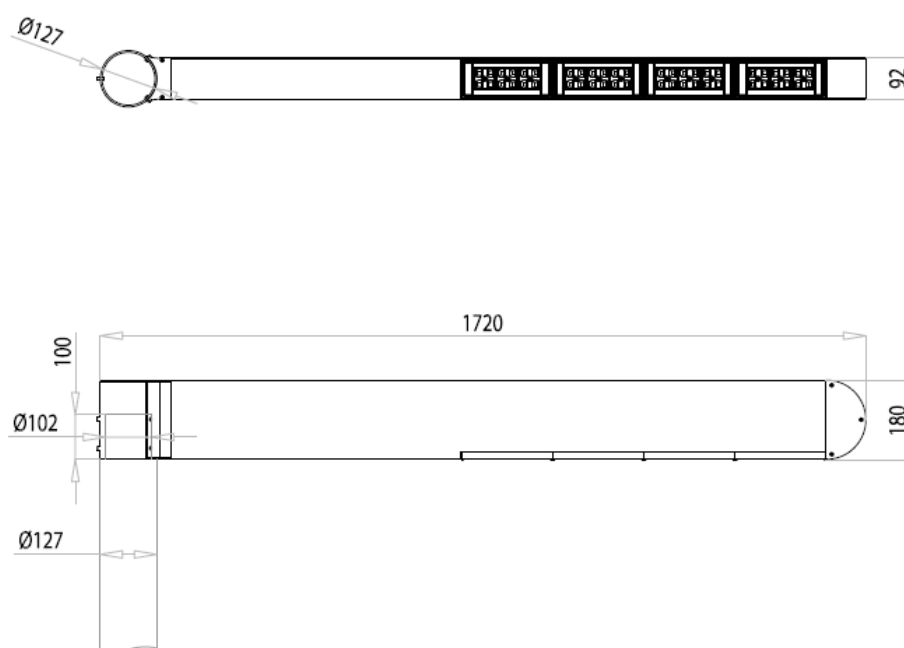
MATERIALS	
Fixing	S235JR steel. Powder-coated.
Body	Extruded aluminium. Powder-coated.
Heatsink	Internal. Extruded aluminium.
Optic	Optics Sxxx: PMMA optical module and metallised PC secondary reflector with high efficiency Optics Sxxx-C: PMMA optical module and black anti-glare PC secondary reflector
Screen	Flat tempered glass, 5mm thickness high transparency.
Colour	Grafite - Cod. 01

DIMENSIONAL DRAWING

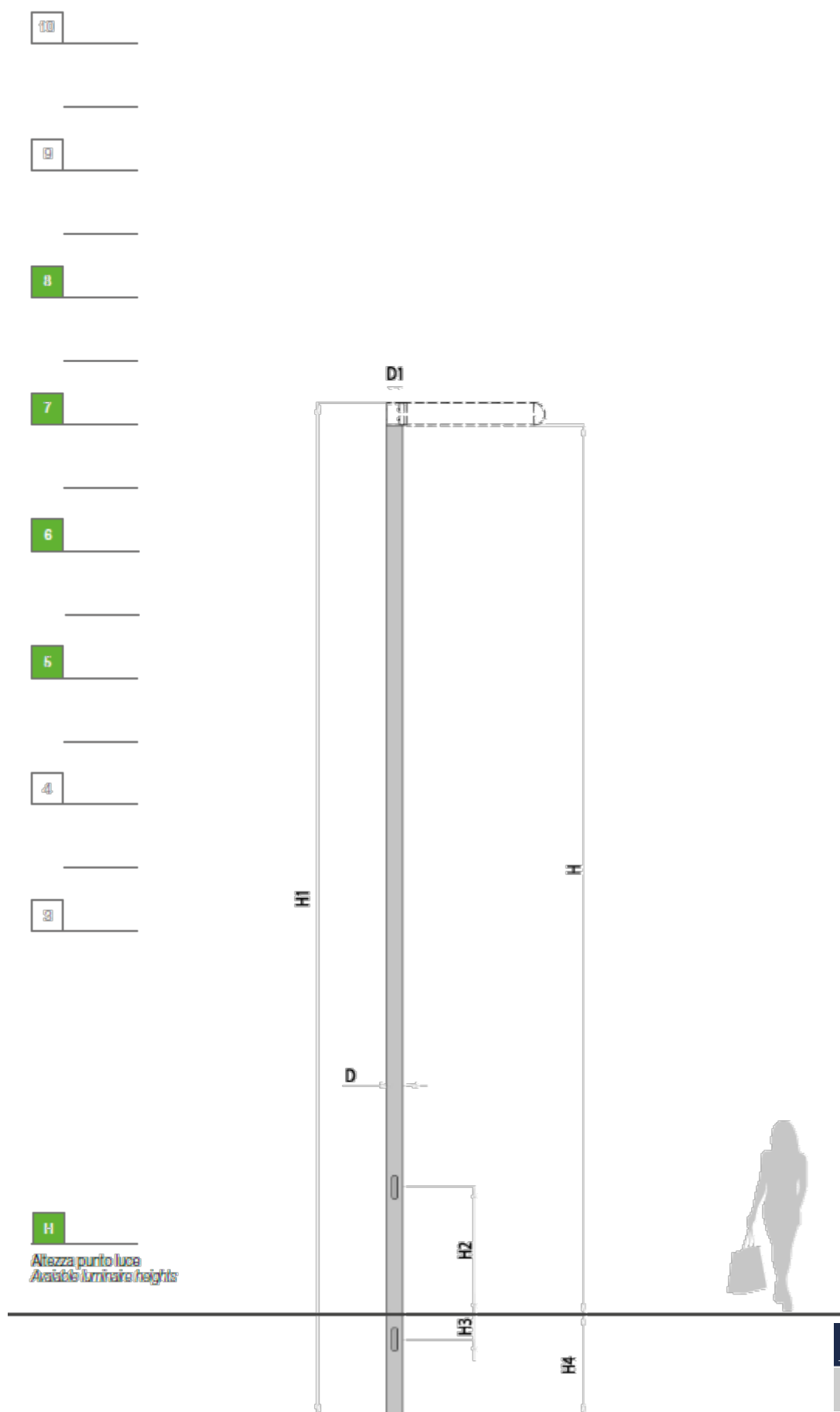
Version 1500



Version 1800



POLE DIMENSIONAL DRAWING

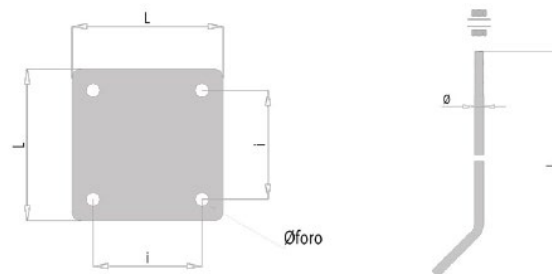


POLE CHARACTERISTICS

MODEL	H	H1	H2	H3	H4	D	D1
DR.C.127.3.C102.5000	5000	5500	1000	200	500	127	102
DR.C.127.3.C102.6000	6000	6800	1000	200	800	127	102
DR.C.127.3.C102.7000	7000	7800	1000	200	800	127	102
DR.C.127.3.C102.8000	8000	8800	1000	200	800	127	102

THICKNESS	MATERIAL	WEIGHT	BLOCK HOLE HATCH	BLOCK HOLE CABLE ENTRY	TECHNICAL CAPACITY m2/kg *
3-3	S235JR	58 Kg	H186xL45	H186xL45	DRAGON (1000)
3-3	S235JR	66 Kg	H186xL45	H186xL45	DRAGON (1000)
3-3	S235JR	75 Kg	H186xL45	H186xL45	DRAGON (1000)
3-3	S235JR	84 Kg	H186xL45	H186xL45	DRAGON (1000)

PLATE (OPTIONAL)	ANCHOR BOLT (OPTIONAL)
L250xL250xS15 - l 180	Ø18 – L500
L250xL250xS15 - l 180	Ø18 – L500
L300xL300xS15 - l 200	Ø18 – L500
L300xL300xS15 - l 200	Ø18 – L500



EXTERNAL COVER PLATE	COVER PLATE
T39 G	RESET 16
T39 G	RESET 16
T39 G	RESET 16
T39 G	RESET 16



ADDITIONAL FEATURES	
Fixing	Basement or above ground with fixing plate complete with anchor bolts
Protection.	Hot-dip galvanising in accordance with EN ISO 1461.
Finishing	Powder-coated. Graphite - Code 01
Certifications	EN-40