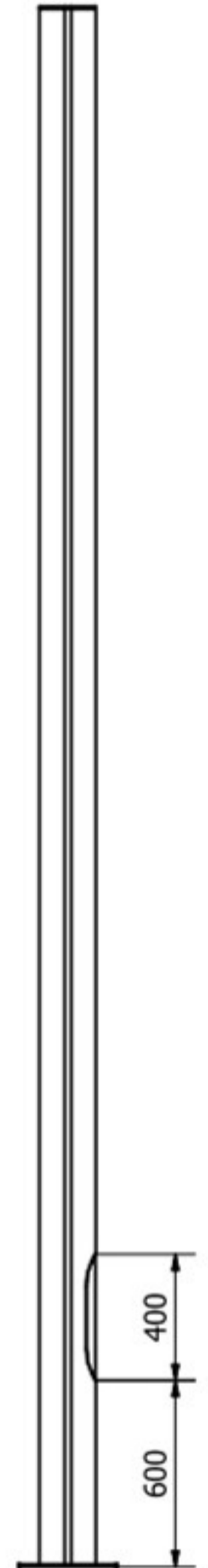
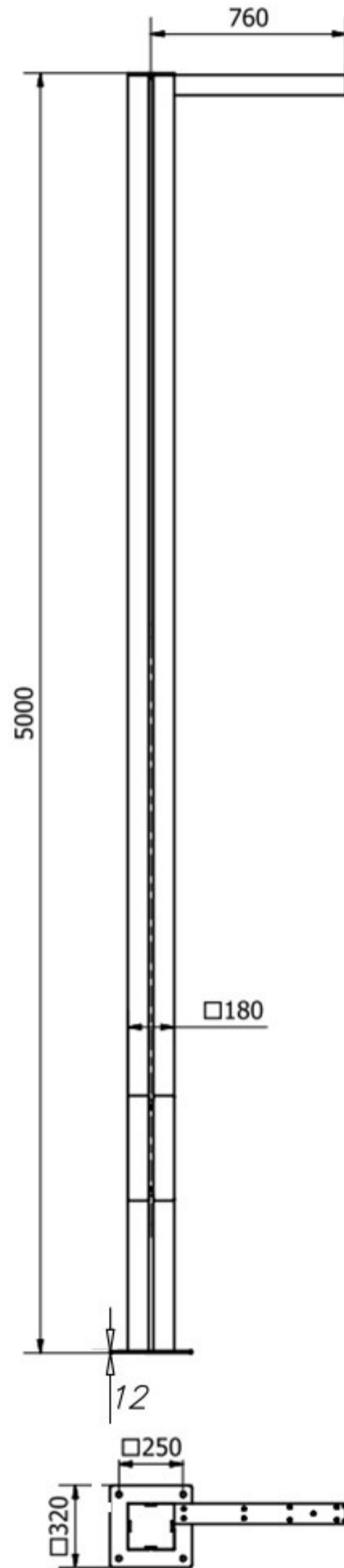
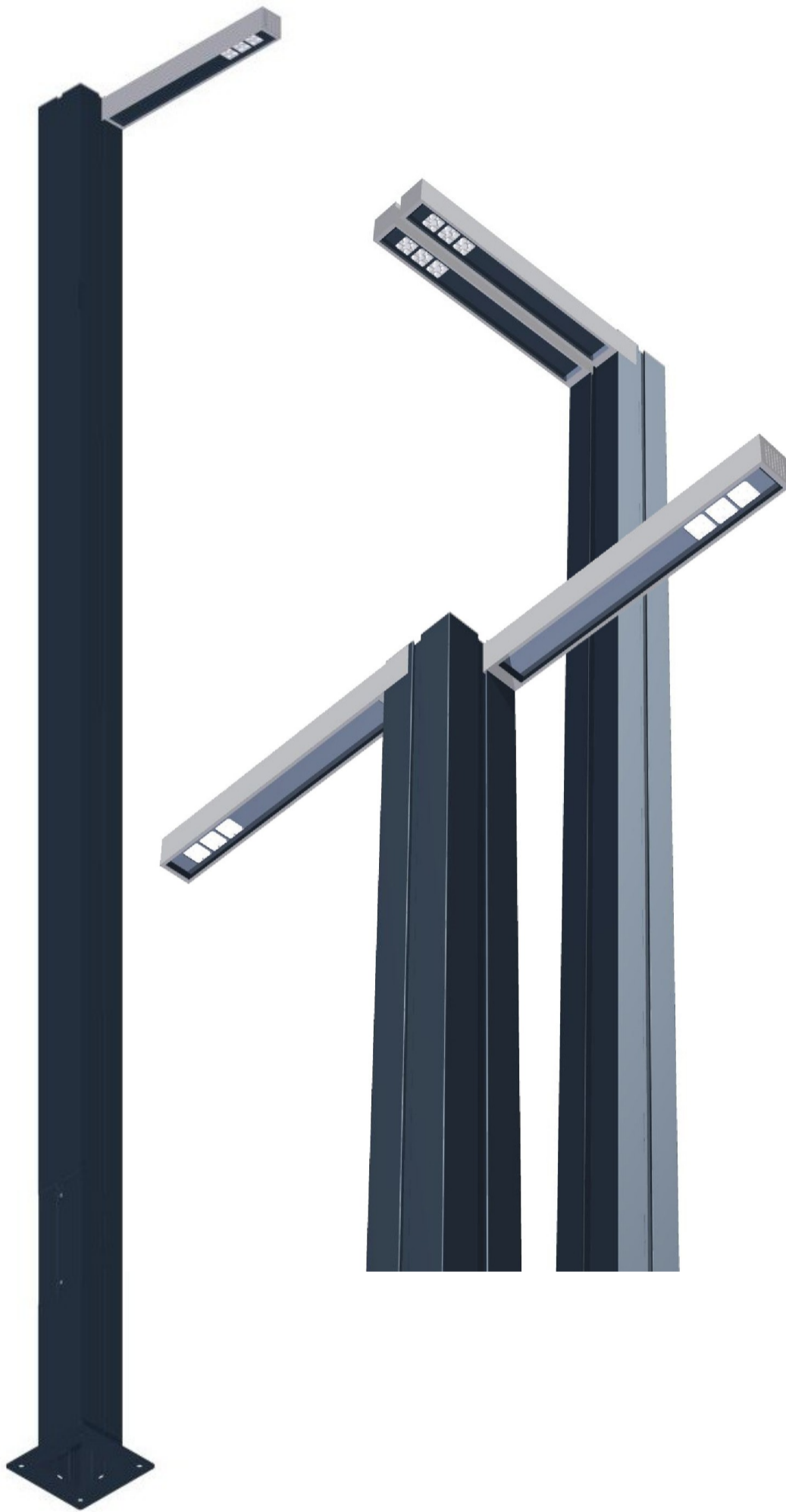




STICK LED

CE





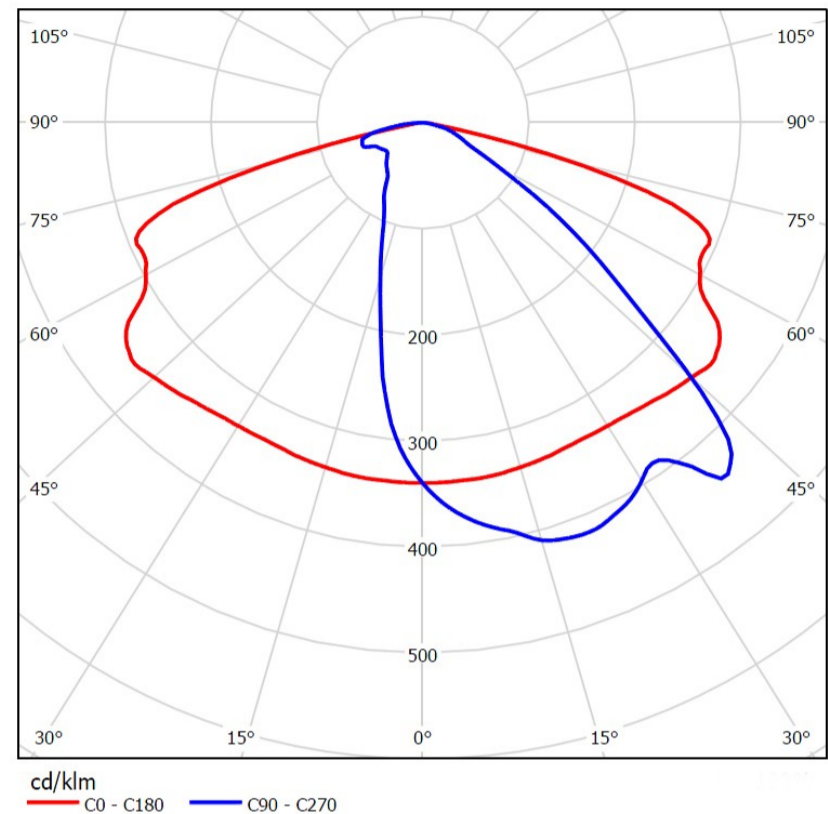
STICK LED



Characteristic

Ingress protection	IP 66
Electrical class	II
Nominal input voltage	120 - 277 V AC
Frequency	50/60 Hz
Operating temperatures	-40°C to +55°C
Material	anodized aluminium profile
Colour	inox/grey
LEDs type	CREE XT-E
LEDs lifetime L90	>50 000 h
Warranty	5 years

Distribution of STICK LED



Technical parameters

Type	STICK LED	STICK LED	STICK II LED	STICK II LED	STICK III LED	STICK III LED	STICK IV LED	STICK IV LED
Correlated colour temperature [K]	5 000							
Color rendering index CRI	75 ²⁾							
LEDs quantity	12	24	2 x 12	2 x 24	3 x 12	3 x 24	4 x 12	4 x 24
LEDs power [W]	24	48	2 x 24	2 x 48	3 x 24	3 x 48	4 x 24	4 x 48
LEDs luminous flux ¹⁾ [lm]	2 850	5 700	2 x 2 850	2 x 5 700	3 x 2 850	3 x 5 700	4 x 2 850	4 x 5 700
Power consumption [W]	31	55	2 x 31	2 x 55	3 x 31	3 x 55	4 x 31	4 x 55
Luminaire luminous flux ¹⁾ [lm]	2 300	4 550	2 x 2 300	2 x 4 550	3 x 2 300	3 x 4 550	4 x 2 300	4 x 4 550
Luminaire efficacy [lm/W]	74	83	74	83	74	83	74	83
Weight [kg]	59		62		65		68	
Volume [m ³]	0,95		1,51		2,58		7,30	
Foundation / reinforcing cage	B-60 / Z-60							
Foundation code/ reinforcing cage code	311160 / 311206							
Bolts set	4008 / 4009							

1) including LEDs tolerance parameter accuracy +/- 3%

2) parameter accuracy +/-2

- Low voltage directive LVD 2006/95/WE, norm PN-EN 60598-1,
- Directive EMC 2004/108/WE, norms: PN-EN 55015, PN-EN 61547, PN-EN 61000-3-2, PN-EN 61000-3-3
- Shown parameters based on measurements according to IESNA LM 79-08
- Product can be anodized in 10 colours, with gloss option

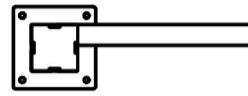


STICK LED

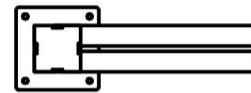
Arms configuration of STICK LED

Type	Code
STICK LED 24	217030/6
STICK LED 48	217033/6
STICK II LED 24	217130/6
STICK II LED 48	217133/6
STICK II LED 90 24	217230/6
STICK II LED 90 48	217233/6
STICK II LED 180 24	217330/6
STICK II LED 180 48	217333/6
STICK III LED 90-90 24	217430/6
STICK III LED 90-90 48	217433/6
STICK IV LED 24	217630/6
STICK IV LED 48	217633/6
STICK IV LED 90 24	217730/6
STICK IV LED 90 48	217733/6

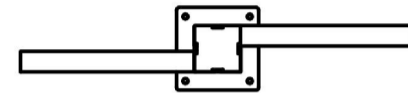
STICK



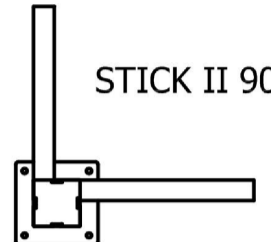
STICK II



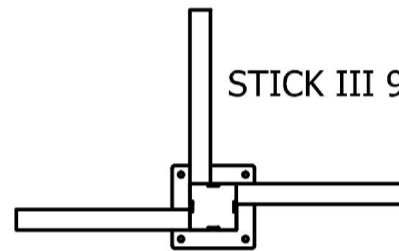
STICK II 180°



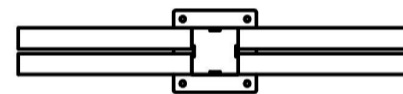
STICK II 90°



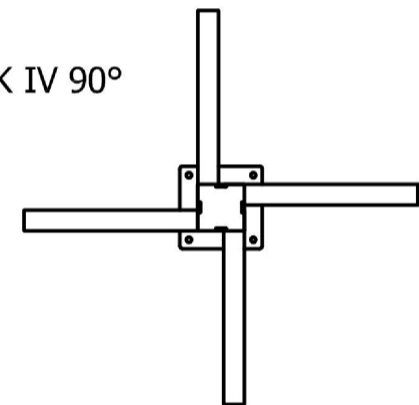
STICK III 90°-90°



STICK IV



STICK IV 90°



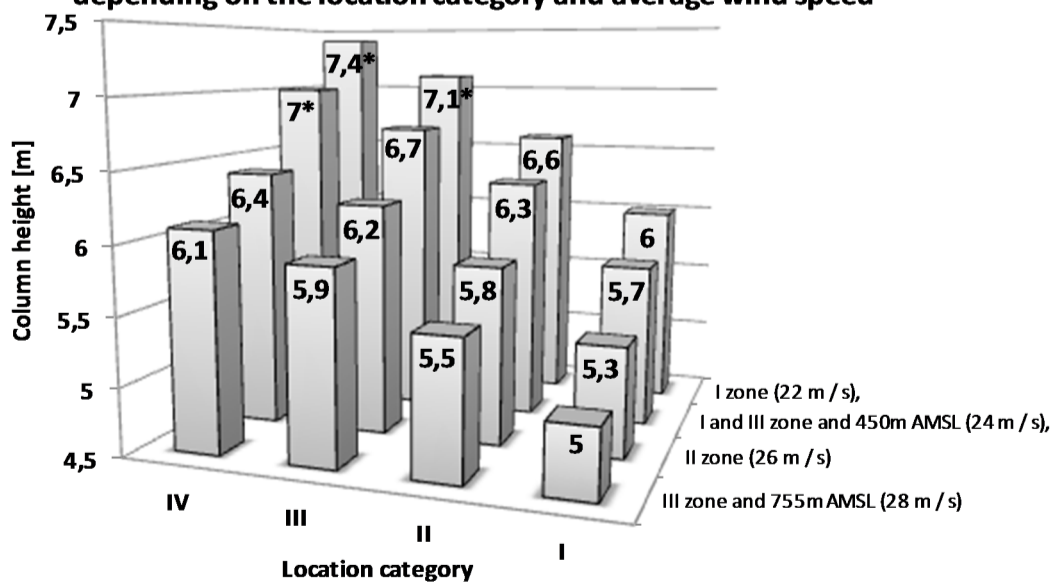
STICK I LED can be used in 4 location categories (I, II, III and IV location category) with 4 zones wind speed:

- I zone (22 m / s),
- I and III zone and 450m AMSL (24 m / s),
- II zone (26 m / s),
- III zone and 755m AMSL (28 m / s),

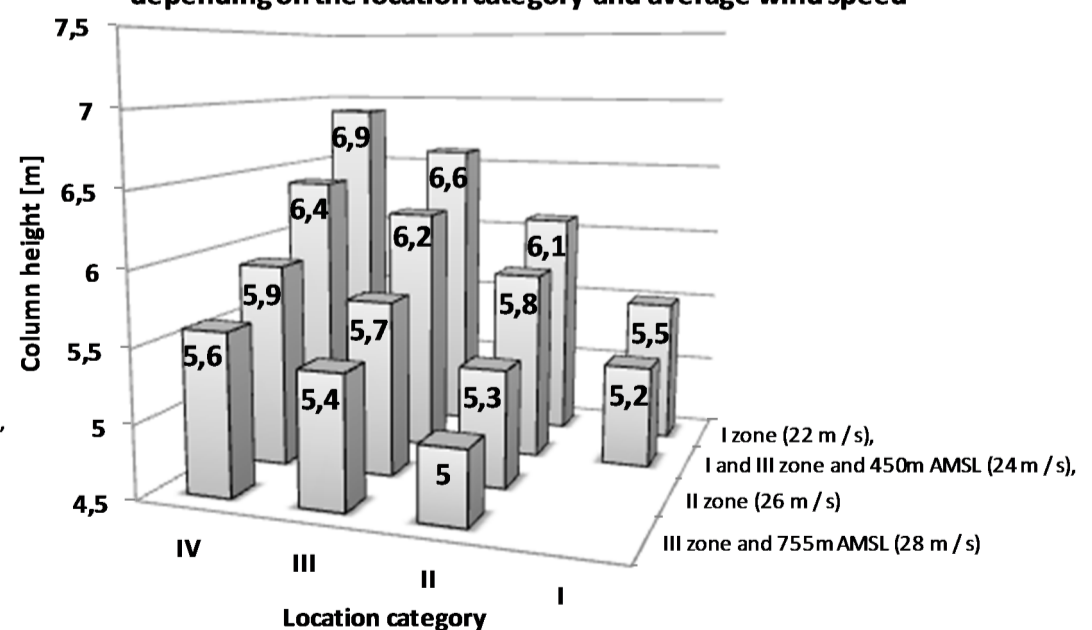
STICK II, III, IV LED can be used in 3 location categories (I, II, III and IV location category) with 4 zones of wind speed:

- I zone (22 m / s),
 - I and III zone and 450m AMSL (24 m / s),
 - II zone (26 m / s),
 - III zone and 755m AMSL (28 m / s),
- and in 1 category at 2 wind speed zones:
- I zone (22 m / s),
 - I and III zone and 450m AMSL (24 m / s),

The maximum height of individual columns STICK I LED [m] depending on the location category and average wind speed



The maximum height of individual columns STICK II, III, IV LED [m] depending on the location category and average wind speed



* - Columns over 7 meters high have a base 300mm x 300mm