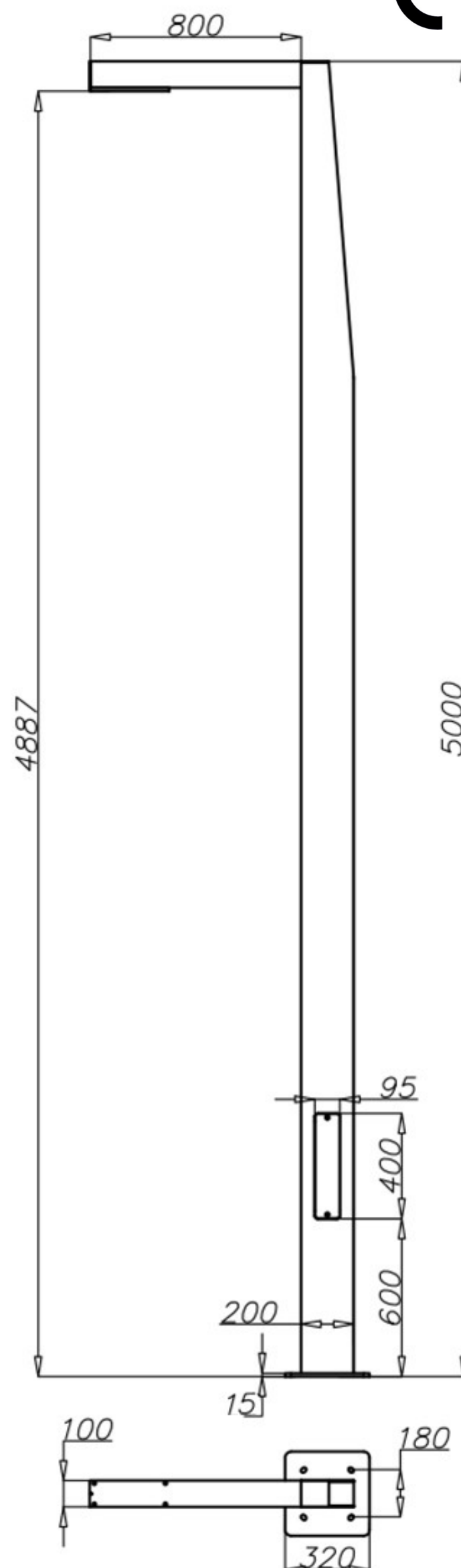
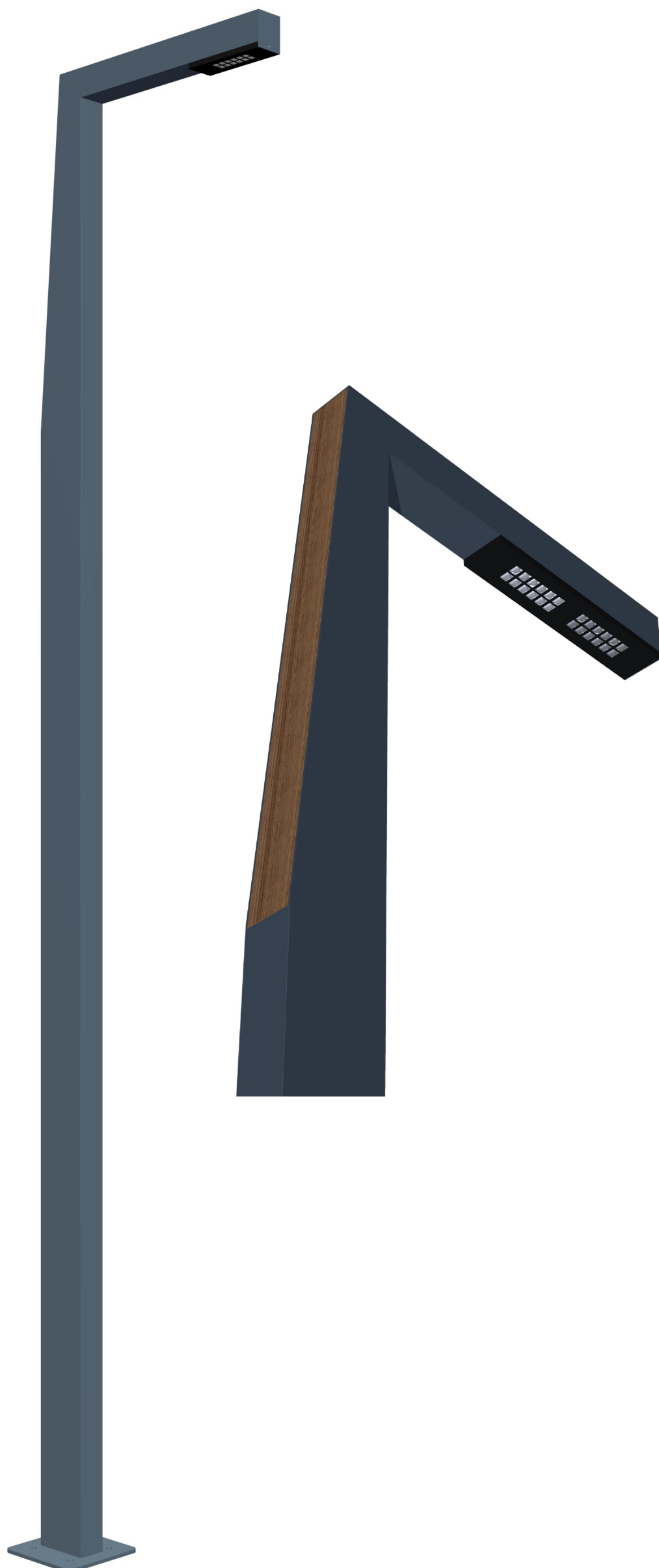


CORE LED lighting set



CORE LED lighting set



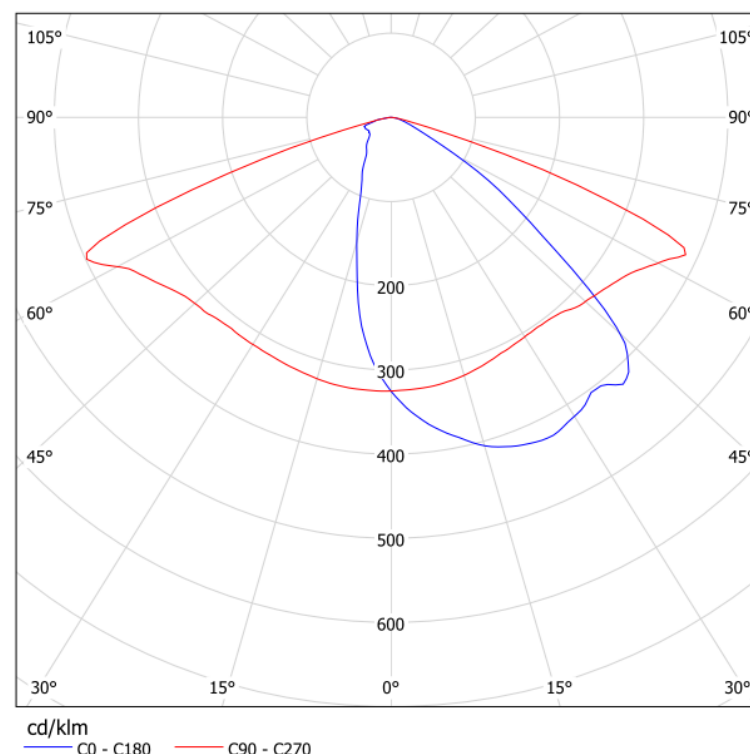
Characteristic

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	graphite / black
LEDs type	CREE XT-E
LEDs lifetime L90	>50 000 h
Warranty	5 years
Decorative elements	egzotic wood plate

Technical parameters

Type	CORE LED 24	CORE LED 48
Code	216530/6	216533/6
Correlated colour temperature [K]	5 000	
Color rendering index CRI	75 ²⁾	
LEDs quantity	12	24
Supply current [mA]	1000	
LEDs power [W]	24	48
LEDs luminous flux ¹⁾ [lm]	2 850	5 700
Power consumption [W]	31	55
Luminaire luminous flux ¹⁾ [lm]	2 300	4 550
Luminaire efficacy [lm/W]	74	83
Weight [kg]	42	
Volume [m ³]	1,75	
Foundation / reinforcing cage	B-50 / Z-50	
Foundation code/ reinforcing cage	311150 / 311205	
Bolts set regular/ shear	4006 / 4007	

Distribution of CORE LED



- 1) including LEDs tolerance parameter accuracy +/- 3%
- 2) parameter accuracy +/-2

- Low voltage directive LVD 2006/95/WE, norm PN-EN 60598-1, PN-EN 60598-2-3
- 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

CORE LED can be used in 2 location categories (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 II category at 3 wind speed zones:
- I zone (22 m / s),
 - I and III zone and 450m AMSL (24 m / s),
 - II zone (26 m / s),
- and in I category at 1 wind speed zone:
- I zone (22 m / s),

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

