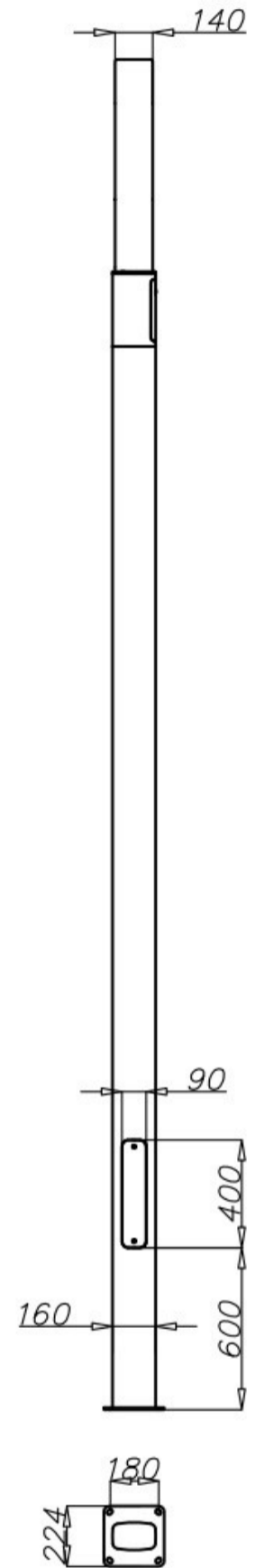
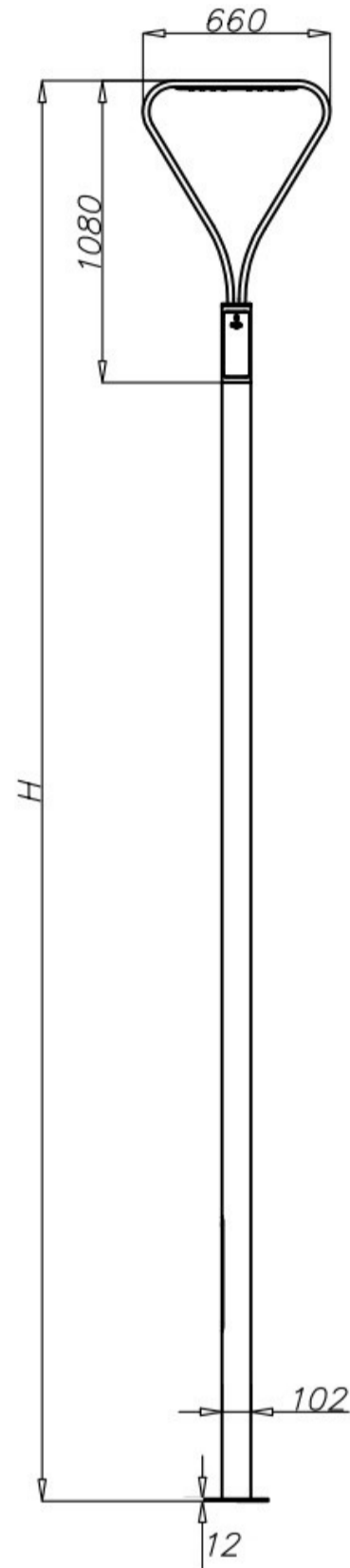




FLEXI LED



Characteristic

| | |
|---|--------------------------|
| Ingress protection of optical system and driver | 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 alloy |
| Colour | inox / graphite |
| Optical system | ROSA PMMA lens |
| LEDs type | CREE XM-L2 |
| LEDs lifetime L90 | >50 000 h |
| Warranty | 5 years |





Technical parameters

| Type | FLEXI 24 | | | | FLEXI 48 | | | | |
|--|------------------|------------|------------|------------|------------------|------------|------------|------------|------------|
| | Code | 215530/6/S | 215530/6/A | 215530/3/S | 215530/3/A | 215533/6/S | 215533/6/A | 215533/3/S | 215533/3/A |
| Optics configuration | Symmetric | Asymmetric | Symmetric | Asymmetric | Symmetric | Asymmetric | Symmetric | Asymmetric | |
| Correlated colour temperature [K] | 5 000 | | 3 500 | | 5 000 | | 3 500 | | |
| Color rendering index CRI | 75 ²⁾ | | >80 | | 75 ²⁾ | | >80 | | |
| LEDs quantity | 8 | | | | 16 | | | | |
| Supply current [mA] | 1 000 | | | | | | | | |
| LEDs power [W] | 24 | | | | 48 | | | | |
| LEDs luminous flux ¹⁾ [lm] | 3 400 | | 2 600 | | 6 200 | | 4 850 | | |
| Power consumption [W] | 28 | | | | 55 | | | | |
| Luminaire luminous flux ¹⁾ [lm] | 2 375 | 2 200 | 1 850 | 1 725 | 4 750 | 4 400 | 3 700 | 3 450 | |
| Luminaire efficacy [lm/W] | 86 | 80 | 67 | 63 | 86 | 80 | 67 | 63 | |
| Weight [kg] | 29 | | | | 32,5 | | | | |
| Lighting set height [m] | 4 | | | | 5 | | | | |
| Volume [m ³] | 0,6 | | | | 0,75 | | | | |
| Windage [m ²] | 0,38 | | | | 0,49 | | | | |
| Foundation / reinforcing cage | B-50 / Z-50 | | | | | | | | |
| Foundation code/ reinforcing cage code | 311150 / 311205 | | | | | | | | |
| Bolts set regular/ shear | 4006 / 4007 | | | | | | | | |

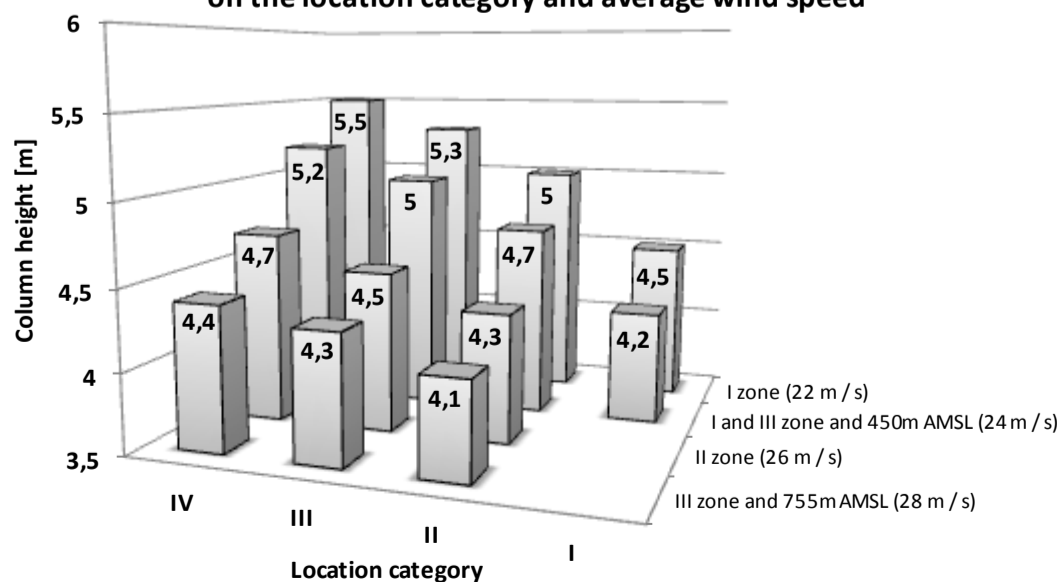
- 1) including LEDs tolerance parameter accuracy +/- 3%
 2) parameter accuracy +/-2

- 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
- product can be powder paint coated according to RAL pallet (different colours)

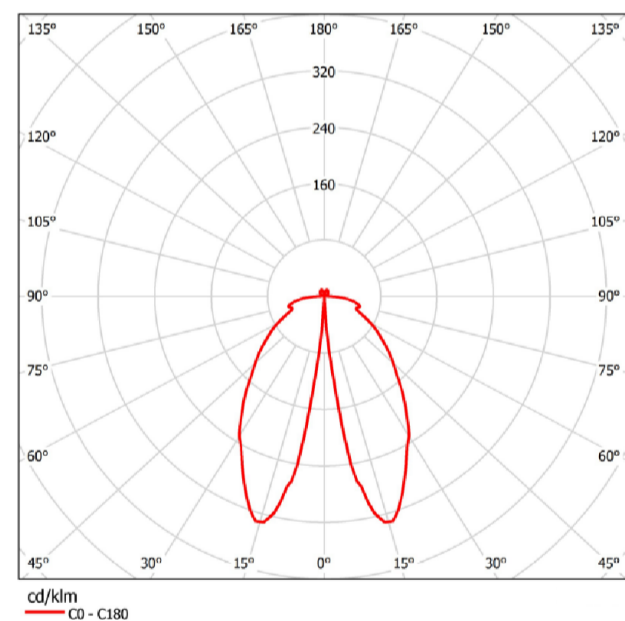
FLEXI LED can be used in 3 location categories (I, II, III and IV location category) with 4 zones of wind speed:

- 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 FLEXI LED [m] depending on the location category and average wind speed



Distribution of FLEXI LED with symmetric configuration



Distribution of FLEXI LED with asymmetric configuration

