

### 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			
	215530/6/S	215530/6/A	215530/3/S	215530/3/A	215533/6/S	215533/6/A	215533/3/S	215533/3/A
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 <sup>2)</sup>		>80		75 <sup>2)</sup>		>80	
LEDs quantity	8				16			
Supply current [mA]	1 000							
LEDs power [W]	24				48			
LEDs luminous flux <sup>1)</sup> [lm]	3 400		2 600		6 200		4 850	
Power consumption [W]	28				55			
Luminaire luminous flux <sup>1)</sup> [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 <sup>3</sup> ]	0,6				0,75			
Windage [m <sup>2</sup> ]	0,38				0,49			
Foundation / reinforcing cage	B-50 / Z-50							
Foundation code/ reinforcing cage code	311150 / 311205							
Bolts set regular/ shear	4006 / 4007							

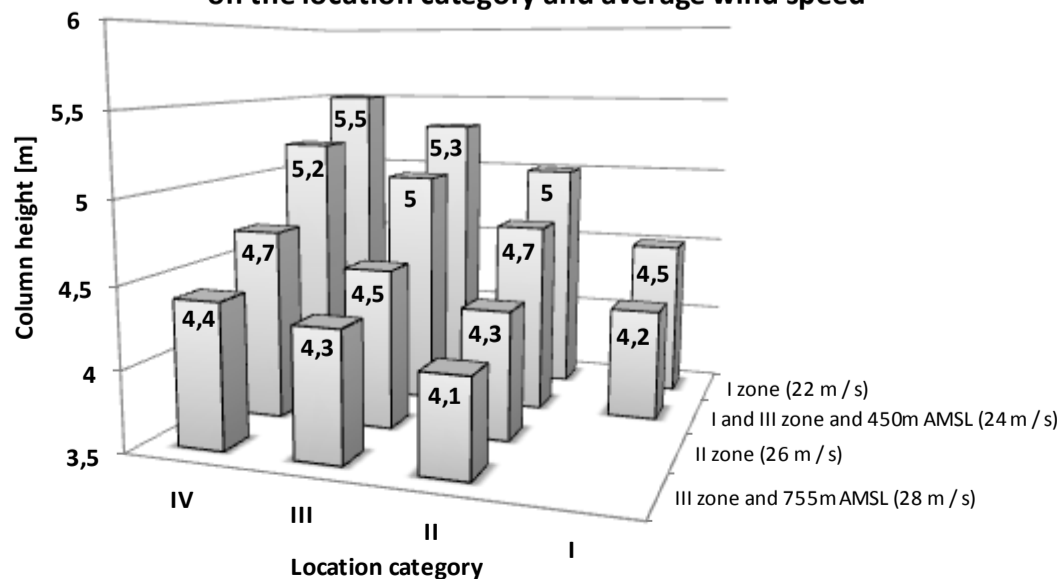
- 1) including LEDs tolerance parameter accuracy +/- 3%  
 2) parameter accuracy +/-2

- 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)

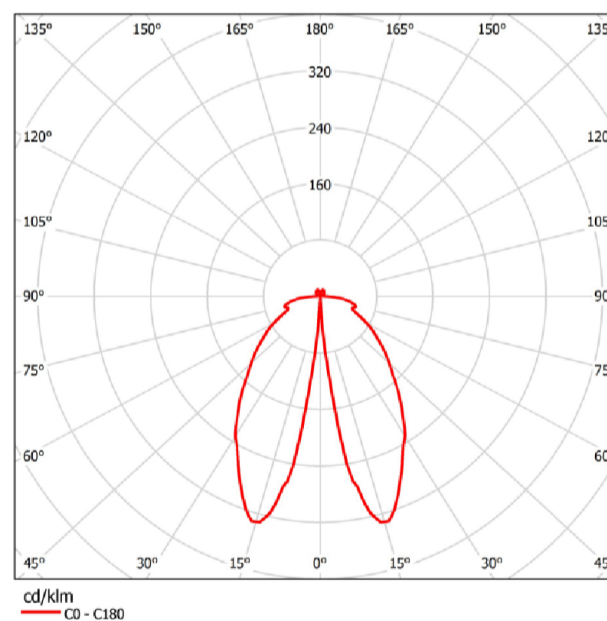
**FLEXI LED** can be used in 3 location categories (I, II, III and IV location category) with 4 zones of wind speed:

- 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

