



**Application:** residential roads (internal), surrounding office buildings, parks, pedestrians, bicycle routes

**Assembly:** pole top mounted with  $\varnothing 60 \times 80$  mm ending

**Ingress protection:** IP 66 for the optical part and the driver

**Material:** anodised aluminium alloy

**Colour:** inox / graphite

**Optical system:** PMMA optics

**Number of LEDs:** 12

**Operating temperature range:** from  $-40^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$

**Expected useful lifetime:** L90F10 – 50 000 h, L80F20 – 100 000 h

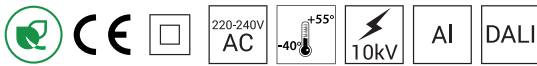
**CRI:**  $>70$  for 5000K, 4000K;  $>80$  for 3500K, 2700K

**Input voltage frequency:** 50/60Hz

**Power factor:**  $\geq 0.95$

**Inrush current:** : 21A / 225 $\mu\text{s}$

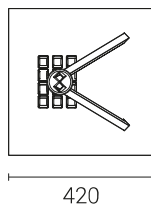
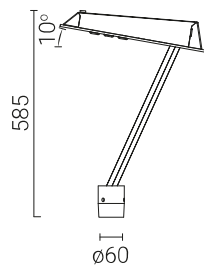
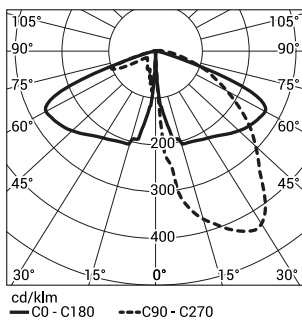
Luminaire MIRA LED has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1- 10V).



Code	Symbol	LED power	Luminaire Power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux <sup>1)</sup>	Luminaire luminous flux <sup>1)</sup>	Luminous efficacy	Unit volume	Luminaire net weight
<b>214530/1</b>	MIRA LED 24	24W	28W	700mA	2700K	3 600lm	3150lm	113lm/W	0,155m <sup>3</sup>	6,1kg
<b>214530/3</b>	MIRA LED 24	24W	28W	700mA	3500K	3 700lm	3350lm	120lm/W	0,155m <sup>3</sup>	6,1kg
<b>214530/4</b>	MIRA LED 24	24W	28W	700mA	4000K	4 350lm	3850lm	138lm/W	0,155m <sup>3</sup>	6,1kg
<b>214530/6</b>	MIRA LED 24	24W	28W	700mA	5000K	4 350lm	3850lm	138lm/W	0,155m <sup>3</sup>	6,1kg
<b>214532/1</b>	MIRA LED 36	36W	40W	1000mA	2700K	4 900lm	4350lm	109lm/W	0,155m <sup>3</sup>	6,1kg
<b>214532/3</b>	MIRA LED 36	36W	40W	1000mA	3500K	5 100lm	4600lm	115lm/W	0,155m <sup>3</sup>	6,1kg
<b>214532/4</b>	MIRA LED 36	36W	40W	1000mA	4000K	6 000lm	5300lm	133lm/W	0,155m <sup>3</sup>	6,1kg
<b>214532/6</b>	MIRA LED 36	36W	40W	1000mA	5000K	6 000lm	5300lm	133lm/W	0,155m <sup>3</sup>	6,1kg

1) tolerance +/- 5% due to LEDs accuracy

**Directive:** 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE, 2009/125/EC



**Luminaire MIRA LED in standard has following functions of intelligent power supply:**

- Connection to outside control system by DALI interface (operation of analog signal 1-10V as an option),
- Possibility of programming multistage dimming of luminaire, up to 5 intervals in the range of from 10 to 100% of nominal power,
- Temperature protection of LED module (from overheating) in case of unintentional luminaire operation during the,
- Regulation of power / luminous flux – the option of setting another value than the catalogue in the range of 30-100% of nominal one,

**Acceptable quantity of luminaires MIRA LED on one circuit, protected by:**
**Overcurrent switches MCB type B or C**

Luminaire	Typ	2A	4A	6A	10A	16A	20A	25A
MIRA LED 24, 36W	B	3	6	10	16	26	32	40
	C	3	10	16	27	44	54	67

**Fuse – type gG and GL**

Luminaire	2A	4A	6A	10A	16A	20A	25A
MIRA LED 24, 36W	1	10	19	25	50	68	97