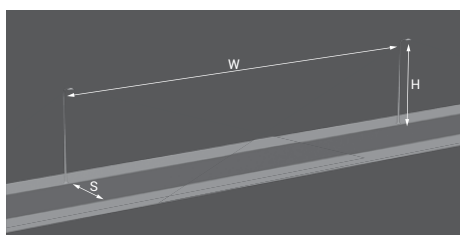


COSMO LED



Lighting example



Local road

COSMO LED 72W, T3 optics

Parameters:

H – luminaire mounting height: 9,5 m

W – pole spacing: 42 m

S – road width: 6 m

Lighting class M4

Application: urban roads, pedestrian walkways, parking lots

Installation: on extension arms with $\varnothing 60 \times 100$ mm ending

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

Material: anodised aluminium alloy

Colour: inox / black

Optical system: PMMA optics, interchangeable LED module

Number of LEDs: 24

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

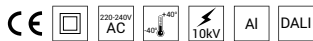
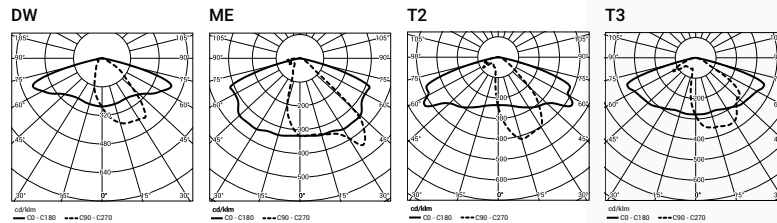
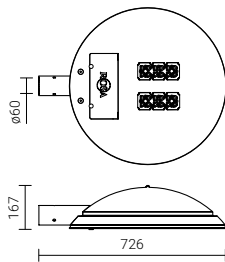
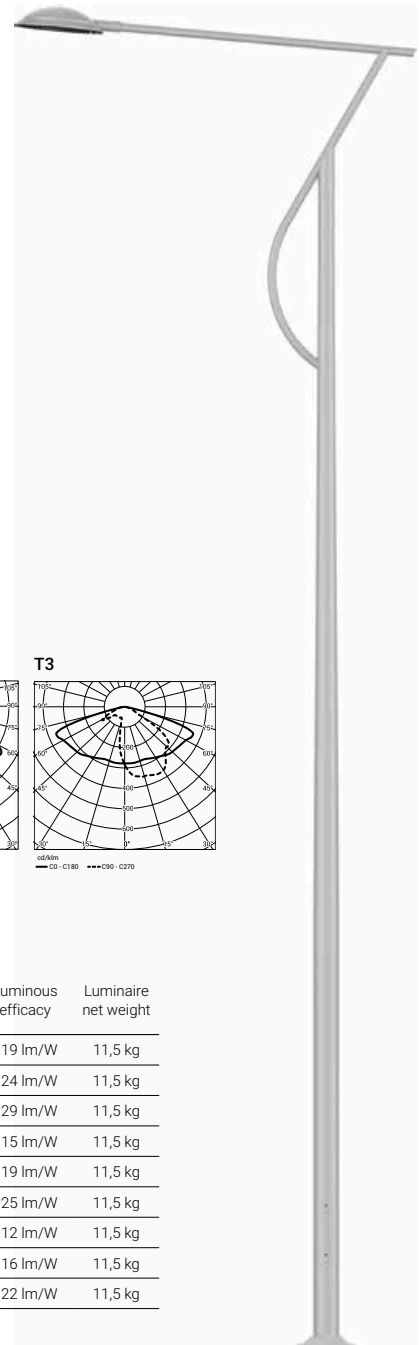
CRI: for 4000 K, 5000 K > 70, for 3500 K > 80

Unit volume: 0,073 m³

Input voltage frequency: 50/60 Hz

Power factor: ≥ 0.95

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



Code	Name	LED power	Luminaire power consumption	LED forward current	Colour temperature (CCT)	LEDs luminous flux	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
2210033/3/...	COSMO LED 48	48 W	55 W	700 mA	3500 K	7000 lm	6550 lm	119 lm/W	11,5 kg
2210033/4/...	COSMO LED 48	48 W	55 W	700 mA	4000 K	7300 lm	6800 lm	124 lm/W	11,5 kg
2210033/6/...	COSMO LED 48	48 W	55 W	700 mA	5000 K	8150 lm	7100 lm	129 lm/W	11,5 kg
2210034/3/...	COSMO LED 60	60 W	67 W	830 mA	3500 K	8050 lm	7700 lm	115 lm/W	11,5 kg
2210034/4/...	COSMO LED 60	60 W	67 W	830 mA	4000 K	8950 lm	8000 lm	119 lm/W	11,5 kg
2210034/6/...	COSMO LED 60	60 W	67 W	830 mA	5000 K	9350 lm	8400 lm	125 lm/W	11,5 kg
2210035/3/...	COSMO LED 72	72 W	80 W	1000 mA	3500 K	9400 lm	8950 lm	112 lm/W	11,5 kg
2210035/4/...	COSMO LED 72	72 W	80 W	1000 mA	4000 K	10450 lm	9300 lm	116 lm/W	11,5 kg
2210035/6/...	COSMO LED 72	72 W	80 W	1000 mA	5000 K	10950 lm	9750 lm	122 lm/W	11,5 kg

/... Symbol of selected optical system