

# MOVO



## **MOVO – HIGH-PERFORMANCE STREET LIGHTING**

MOVO is an advanced, energy-efficient street luminaire designed for urban roads, highways, and pedestrian areas. Combining cutting-edge optics, robust construction, and smart technology compatibility, MOVO delivers exceptional illumination, durability, and efficiency for modern infrastructure projects.

# MOVO



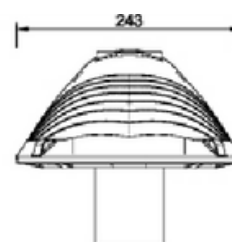
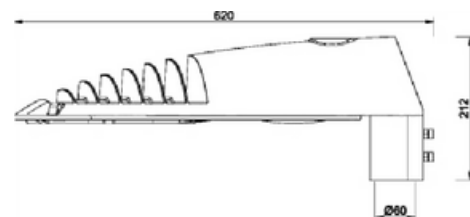
Discription	Value
Luminous flux	2950lm - 13600lm
Correlated color temperature	3000K, 4000K; 5000K, 6000K - optional
Light source	Integral LED module
Housing	ADC12 die-cast aluminium
Cover	Toughened 5mm glass (IK09)
Screws	304 stainless screws
Driver	Tridonic / TCI / Signify / Sosen / Inventronics
Electrical	Class I or Class II
Input voltage	90-305VAC / 50-60Hz ; 198 - 264VAC / 50-60Hz
Surge protection	Up to 10kV (L/N - PE)
Dimming	Dali-2 / D4i / chronoSTEP
External cable	8m, 10m, 12m, 15m
Installation bracket diameter	48/60mm
Compatibility of pole diameters	48mm / 60mm / 76mm (with adapter).
Lifetime	100,000 hours (at 25°C).
Operating temperature	-40° to 45°C.
Light fitting protection	IP66;IK09
Dimensions	703x243x140 (with Zhaga socket)
Standards	IEC/EN - 60598; 61547; 61000 / CISPR - 15
Country of origin	Made in EU
Certification	ENEC +
Warranty	5 years



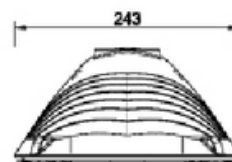
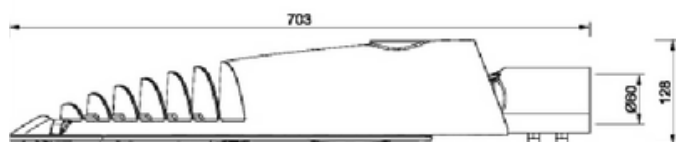
# MOVO



Name	Power (W)	Efficacy (lm/W)	Luminous flux netto (lm)	Standard CCT (K)
MOVO 10	10	145	1450	4000
MOVO 20	20	155	3100	4000
MOVO 30	30	155	4650	4000
MOVO 35	35	155	5425	4000
MOVO 40	40	155	6200	4000
MOVO 50	50	154	7700	4000
MOVO 60	60	150	9000	4000
MOVO 70	70	145	10150	4000
MOVO 80	80	145	11600	4000
MOVO 90	90	145	13050	4000
MOVO 100	100	145	14500	4000



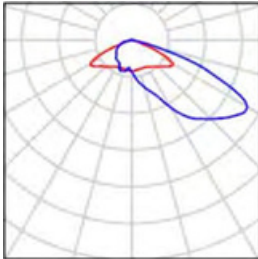
\*: +/- 7%: variation on CCT and Optics can affect luminous flux



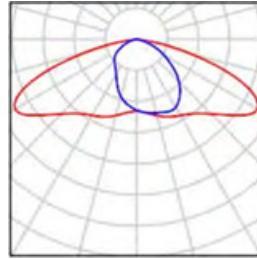


## Light distribution of standard optics

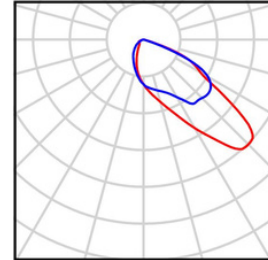
F414



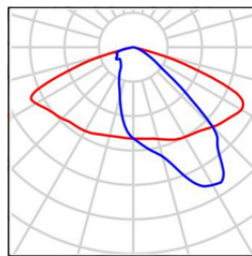
F411



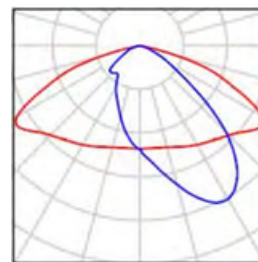
CROSSING L;R (E0445/E0446)



E0422ME



F402



### Key Features:

- **Superior Optics** - Advanced lens technology ensures precise light distribution, minimizing glare and optimizing road safety and visibility.
- **Energy-Efficient Performance** - Delivers 2950lm - 13600lm with minimal power consumption, utilizing an integral LED module for maximum efficiency.
- **Smart City Integration** - Supports Zhaga-D4i, DALI-2, and chronoSTEP dimming, enabling adaptive lighting control and seamless integration into intelligent urban networks.
- **Robust Build & Weather Resistance** - Constructed with ADC12 die-cast aluminum housing, toughened 5mm glass (IK09), 304 stainless steel screws, and IP66-rated protection to withstand harsh environmental conditions.
- **Versatile Installation** - Compatible with 48mm / 60mm / 76mm pole diameters (with adapter) and various mounting configurations to suit diverse project needs.
- **Extended Lifespan** - Engineered for 100,000 hours of operation (at 25°C) with robust thermal management, ensuring long-term reliability with minimal maintenance.