



Futura



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The new LOOK of the Street





MAIN FEATURES

Fixture composition:

Die cast Aluminium single Body with wide cooling fins.
Securing frame and ABS disconnecter door.

Optical unit:

Asymmetrical street lens with high precision collimators for light beam concentration.

Life Span (L70):

>80.000 h.

Mounting:

On Arm or Head - Pole with fixed or adjustable accessory.

Focus:

Built in compliance with the regulations against light pollution.

Applications:

Streets - Highways - Extra-urban fast roads - Urban roads - Squares - Cycling lanes - Parkings



ADVANTAGES

Long Life Span:

The Die cast aluminium body, with wide cooling Fins guarantees long Life Span to Diodes.
10 Years Guarantee on all metal components.

Maximum Efficiency and Resistance:

Power Compartment, optical and mechanical components are thermally insulated in order to increase Lamp efficiency and estimated Life span.

Coating is resistant to corrosion, abrasion, flaking and Saline Fog. These features allow strength against all weather conditions.

100% cost savings thanks to the solar application (optional).

No maintenance:

The quality of each component used and the efficiency of the self-cleaning system bring maintenance costs down.

Fast and Comfortable Management:

Thanks to the remote control or the luminous flux Self-regulator is possible to check the status and monitor consumption.

For more information see remote control features.

FUTURA



STANDARD COLOUR

Anthracite Grey RAL 7024

DETAILS

- Aluminium die cast body
- Other colors available on request
- Securing glass frame in ABS
- Sectioning flips in ABS
- Tempered glass 4 mm
- Optical compartment IP66
- Control gear compartment IP43
- Road Asymmetric photometry
- CCT Standard: N (4000K ± 300K)
CCT optional: W (3000K ± 300K)
CCT optional: C (5000K ± 300K)
- Power factor: > 0.97
- CRI (Ra) Standard: 70...79
- Luminous source efficiency $\eta > 110 \text{ lm/W}$
- Lifetime: 80.000 hrs
- LED Driver integrated
- LED monochip Cree

APPLICATIONS

- Highways
- Urban Roads
- Suburban roads
- Private street
- Squares
- Cycling lanes
- Parking areas

DESIGN

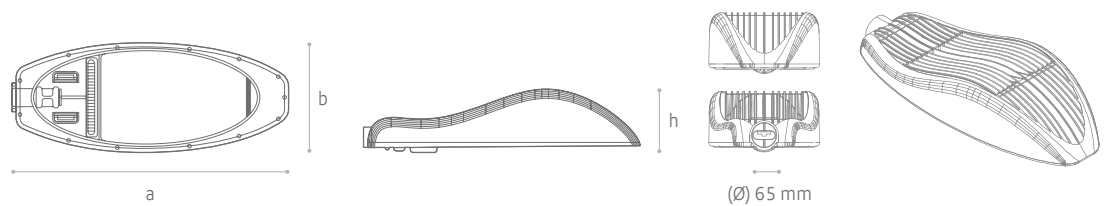


CHARACTERISTICS

- Standard
- Optional



SIZE



Code	(W)	(lm)	n° LED	(mA)	CRI (Ra)	a (mm)	b (mm)	h (mm)	W.Exp. (m ²)	(Kg)
F24L-[K]01-AN	26	3.135	24	350	70...79	730	288	157	0,074	10,5
F24M-[K]01-AN	41	4.420	24	530	70...79	730	288	157	0,074	10,5
F24H-[K]01-AN	56	5.570	24	700	70...79	730	288	157	0,074	10,5
F36M-[K]01-AN	61	6.700	36	530	70...79	730	288	157	0,074	10,5
F43M-[K]01-AN	73	7.920	43	530	70...79	730	288	157	0,074	10,5
F68L-[K]01-AN	74	8.890	68	350	70...79	730	288	157	0,074	10,5
F36H-[K]01-AN	83	8.350	36	700	70...79	730	288	157	0,074	10,5
F52M-[K]01-AN	88	9.580	52	530	70...79	730	288	157	0,074	10,5
F43H-[K]01-AN	100	9.980	43	700	70...79	730	288	157	0,074	10,5
F60M-[K]01-AN	101	11.000	60	530	70...79	730	288	157	0,074	10,5
F52H-[K]01-AN	120	12.080	52	700	70...79	730	288	157	0,074	10,5
F60H-[K]01-AN	140	13.910	60	700	70...79	730	288	157	0,074	10,5
F68H-[K]01-AN	157	15.800	68	700	70...79	730	288	157	0,074	10,5

[K]: N (4000K ± 300K) - W (3000K ± 300K) - C (5000K ± 300K)

[\[K\] Available for photovoltaic application \(power supply 12V d.c. or 24V d.c.\)](#)

Innovative Design



LED Technology



Quality Made in Italy

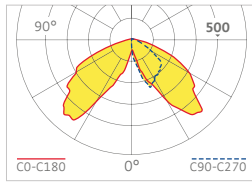


PHOTOMETRY

- Asymmetric photometry

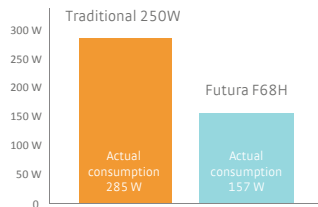


120° x 40° - ASYMMETRIC [01]

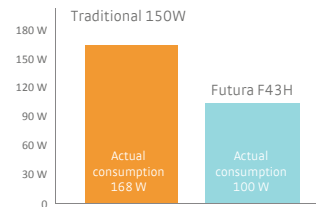


ENERGY SAVING

- Examples of comparison



Power Reduction
44,9%



Power Reduction
40,5%

APPLICATION EXAMPLE

- Assisted lighting design



OTHER APPLICATIONS

- Photovoltaic



KF-12V

Power supply 12V d.c.

KF-24V

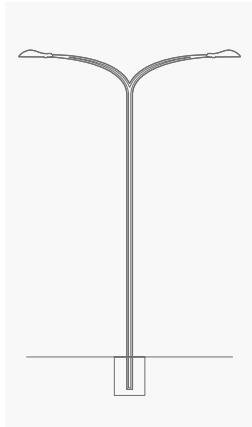
Power supply 24V d.c.



MOUNTING OPTIONS

- Standard mounting on arm-pole

On double arm-pole



On single arm-pole



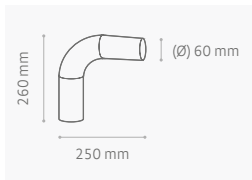
MOUNTING ACCESSORIES

- Optional mounting on head-pole



KM-F-TP

Fixed head-pole



KM-F-OR

Adjustable head-pole

