

NTE LED Road Light Luminaires Efficiency Series

Complete produced in the EU
5 year manufacturer warranty



NTE LED FEF-M-LT Street light

High efficiency street light, elegant and compact design with the best features for street lighting. With asymmetric optics according to the needs of the location.

Possibility of applying anti-corrosion finishes, for environments with high salinity or atmospheres with corrosive gasses.

Protection IP66 and impact resistant IK08, standard color RAL 9007.

Integrated IP66 KLASSE II Driver. Input Voltage 95-270Vac, 48-63Hz Power factor $\geq 96\%$

LED 3535 L90B10 with a superior efficiency up to 189 lm/W.

Estimated useful life exceeding 100.000 hour. Manufacturers warranty 3 years.

Easy installation with non-rotatable arm, optional available a 90° adapter.

Pole aperture of $\varnothing 50$ mm. Weight 1,1 kilo.

Optional with motion sensor.

Light optic 135° x 60°

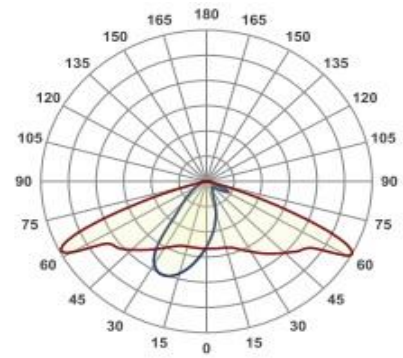
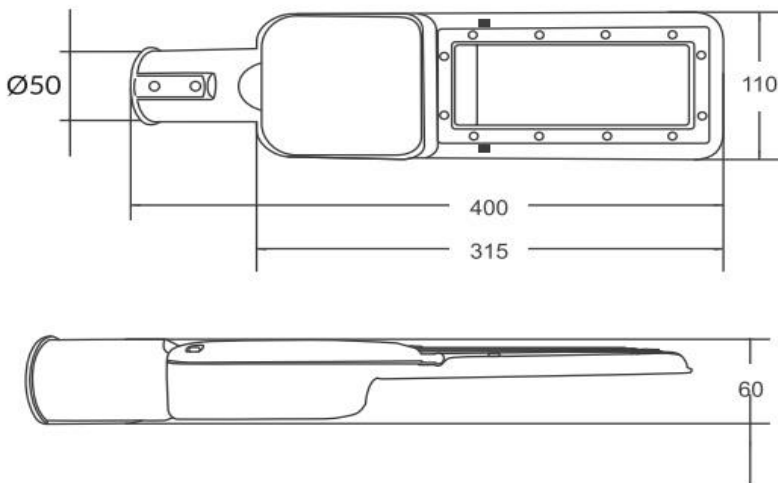
Overvoltage protection 10KV.

Conv. = compared to a standard discharge lamp

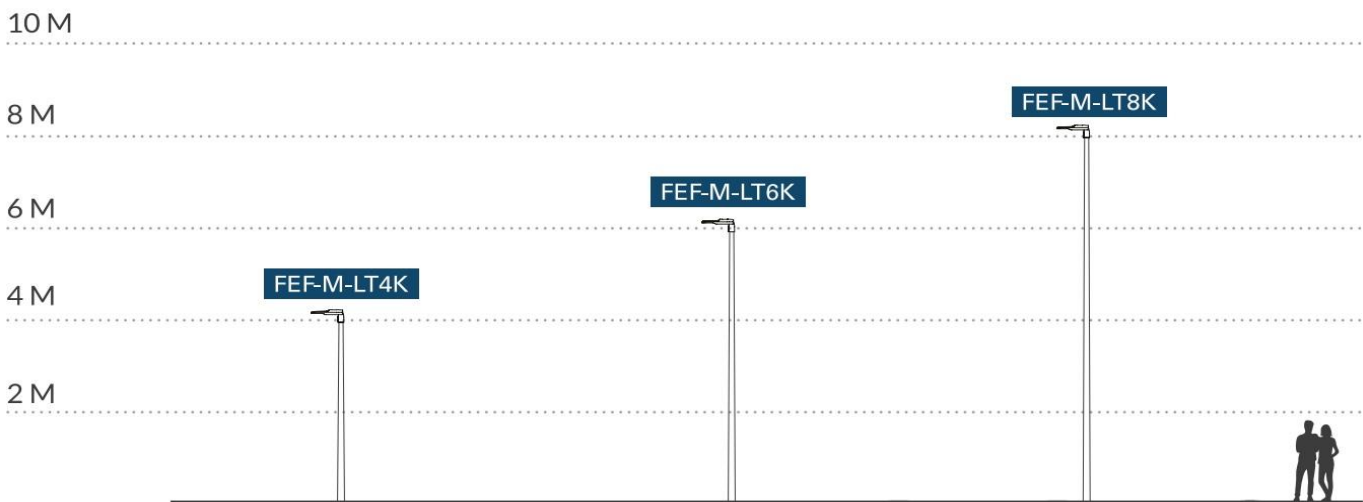
Number	Description	Watt	Lumen	CRI	Color	Conv.
83NTE0010	FEF-M-LT 4K	23/26W	4.342	74	2200K	100W
83NTE0011	FEF-M-LT 6K	34/39W	5.965	74	2200K	145W
83NTE0012	FEF-M-LT 8K	46/53W	8.685	74	2200K	200W
83NTE0013	FEF-M-LT 4K	23/26W	4.342	74	2700K	100W
83NTE0014	FEF-M-LT 6K	34/39W	5.965	74	2700K	145W
83NTE0015	FEF-M-LT 8K	46/53W	8.685	74	2700K	200W
83NTE0016	FEF-M-LT 4K	23/26W	4.342	73	4000K	100W
83NTE0017	FEF-M-LT 6K	34/39W	5.965	73	4000K	145W
83NTE0018	FEF-M-LT 8K	46/53W	8.685	73	4000K	200W
83NTE0023	Optional motion sensor					
83NTE0024	Optional Anti-corrosion Coating					



Number	Description
83NTE0025	90° adapter
83NTE0026	Special reducer to adapt the 50mm arm to a 28-30mm column



Pole installation heights



Light pollution

The design of the luminaire and the optics system makes it possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-light-pollution requirements.

NTE LED PÚLSAR Street light

High efficiency street light, elegant and compact design with the best features for street lighting.

With symmetric and asymmetric optics according to the needs of the location.

Possibility of applying anti-corrosion finishes, for environments with high salinity or atmospheres with corrosive gasses.

Protection IP66 and impact resistant IK09, standard color is RAL 7043 dark grey.

Integrated IP67 KLASSE I Driver. Input Voltage 95-270Vac, 48-63Hz Power factor ≥96%

LED 3535 L90B10 with a superior efficiency up to 194 lm/W.

Estimated useful life exceeding 100.000 hour. Manufacturers warrantee 5 years.

Easy installation with 0 - 90° interchangeable position arm.

Pole aperture of Ø62 mm. Weight 3,8 kilo.

Conv. = compared to a standard discharge lamp

Light angle standard optic symmetric 120°

Dimmable (except the 4K). Optional with a motion sensor.

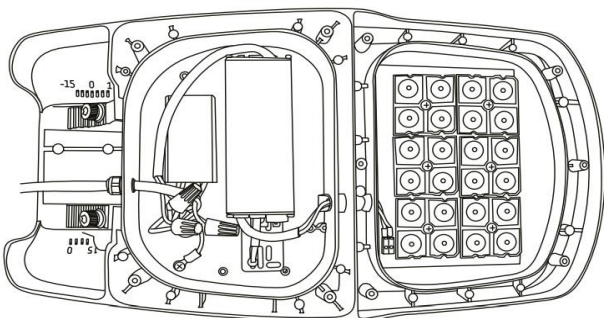
Overtoltage protected 20KV.

Also available with asymmetrical optics **T2S** 135x60°, **T2M** 125x60°, **LD** 135x55°

Number	Description	Watt	Lumen	CRI	Color	Conv.
83NTE0030	Púlsar 4K	24/27W	4.084	74	2200K	100W
83NTE0031	Púlsar 6K	36/40W	6.467	74	2200K	150W
83NTE0032	Púlsar 8K	48/53W	8.169	74	2200K	200W
83NTE0033	Púlsar 11K	62/69W	11.672	74	2200K	300W
83NTE0034	Púlsar 4K	24/27W	4.084	74	2700K	100W
83NTE0035	Púlsar 6K	36/40W	6.467	74	2700K	150W
83NTE0036	Púlsar 8K	48/53W	8.169	74	2700K	200W
83NTE0037	Púlsar 11K	62/69W	11.672	74	2700K	300W
83NTE0038	Púlsar 4K	24/27W	4.084	73	4000K	100W
83NTE0039	Púlsar 6K	36/40W	6.467	73	4000K	150W
83NTE0040	Púlsar 8K	48/53W	8.169	73	4000K	200W
83NTE0041	Púlsar 11K	62/69W	11.672	73	4000K	300W
83NTE0046	Optional motion sensor					
83NTE0047	Optional Anti-corrosion Coating					



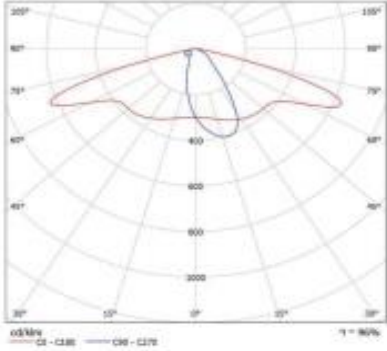
Easy access to the components



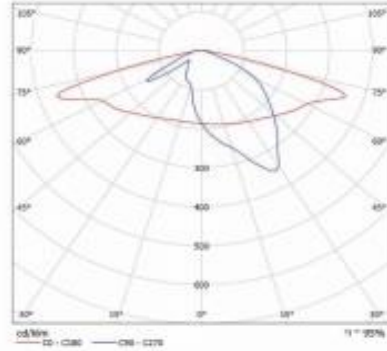
NTE LED Púlsar available optics.

Asymmetric

T2

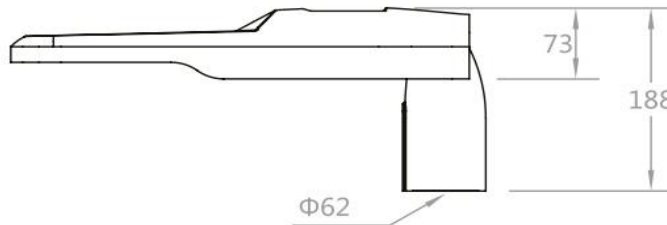
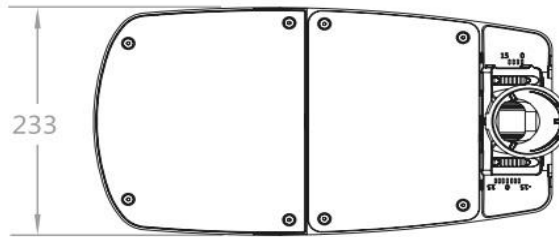
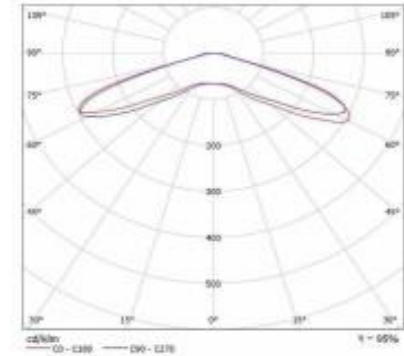


T3

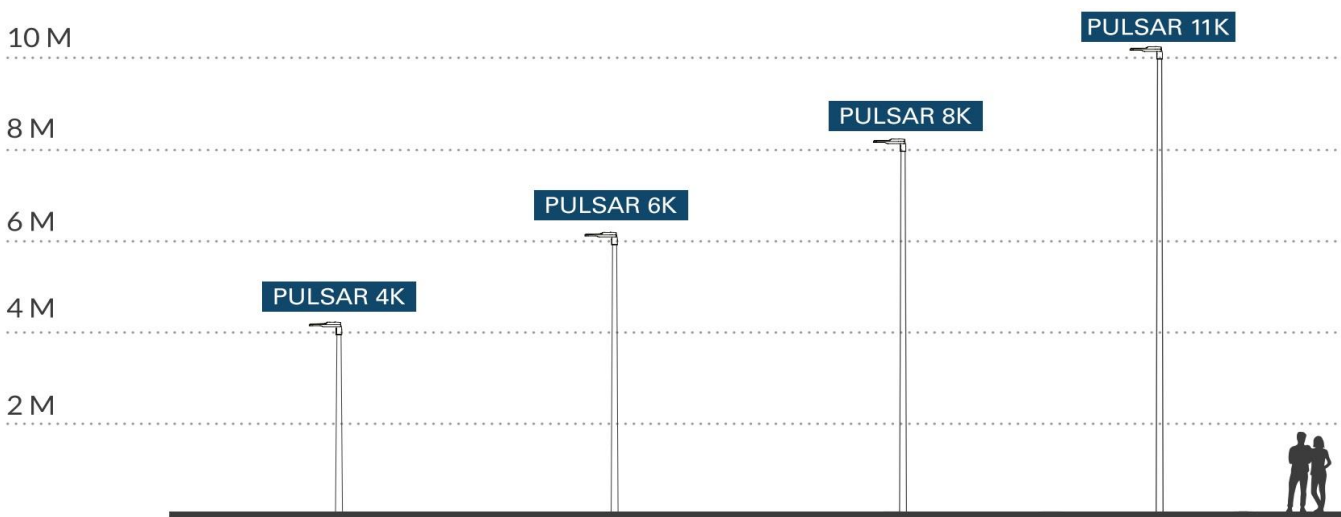


Symmetric

VSM



Pole installation heights



Light pollution

The design of the luminaire and the optics system makes it possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-light-pollution requirements.

NTE LED LEF-LT Street light

High efficiency street light, elegant and compact design with the best features for street lighting.

With symmetric and asymmetric optics according to the needs of the location.

Possibility of applying anti-corrosion finishes, for environments with high salinity or atmospheres with corrosive gasses.

Protection IP66 and impact resistant IK09, standard color RAL 9007.

Integrated IP67 KLASSE I Driver. Input Voltage 95-270Vac, 48-63Hz Power factor ≥96%

LED 3535 L90B10 with a superior efficiency up to 194 lm/W.

Estimated useful life exceeding 100.000 hour. Manufacturers warrantee 5 year.

Easy installation with 0 - 90° interchangeable position arm.

Pole aperture of Ø60 mm. Weight 4,6 kilo.

Conv. = compared to a standard discharge lamp

Light angle standard optic symmetric 120°

Dimmable (except the 4K). Optional with motion sensor.

Overtoltage protected 20KV.

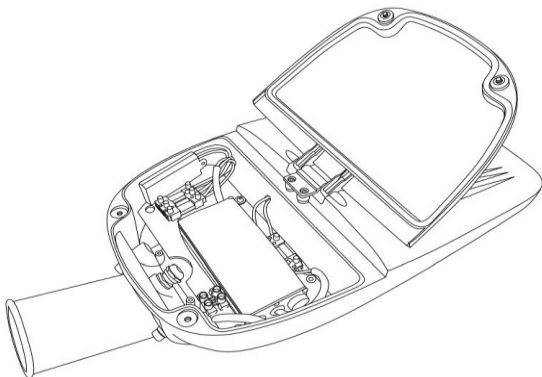
Also available with asymmetric optics **T2** 135x60°, **T3** 155x60°, **LD** 150x45°

It integrates a safety system of electrical disconnection by lid opening.

Number	Description	Watt	Lumen	CRI	Color	Conv.
83NTE0050	LEF-LT 4K	24/27W	4.084	74	2200K	100W
83NTE0051	LEF-LT 6K	36/40W	6.467	74	2200K	150W
83NTE0052	LEF-LT 9K	48/53W	9.297	74	2200K	200W
83NTE0053	LEF-LT 12K	72/80W	12.933	74	2200K	300W
83NTE0054	LEF-LT 4K	24/27W	4.084	74	2700K	100W
83NTE0055	LEF-LT 6K	36/40W	6.467	74	2700K	150W
83NTE0056	LEF-LT 9K	48/53W	9.297	74	2700K	200W
83NTE0057	LEF-LT 12K	72/80W	12.933	74	2700K	300W
83NTE0058	LEF-LT 4K	24/27W	4.084	73	4000K	100W
83NTE0059	LEF-LT 6K	36/40W	6.467	73	4000K	150W
83NTE0060	LEF-LT 9K	48/53W	9.297	73	4000K	200W
83NTE0061	LEF-LT 12K	72/80W	12.933	73	4000K	300W
83NTE0066	Optional motion sensor					
83NTE0067	Optional Anticorrosion Coating					



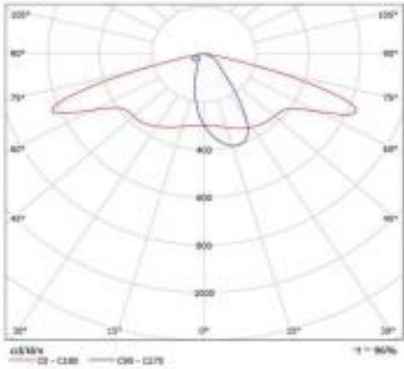
Easy access to the components



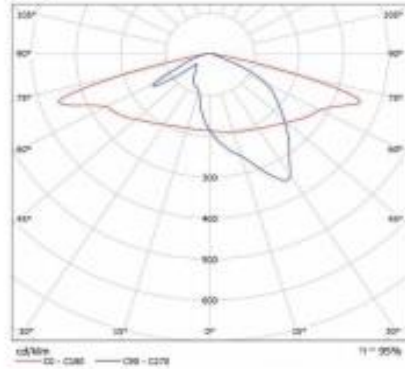
NTE LED LEF-LT available optics.

Asymmetric

T2

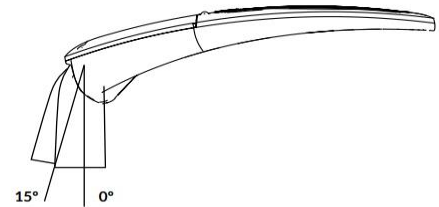
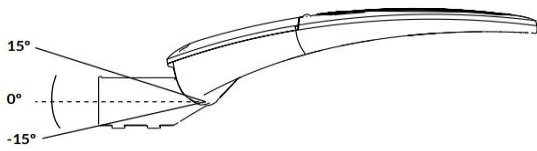
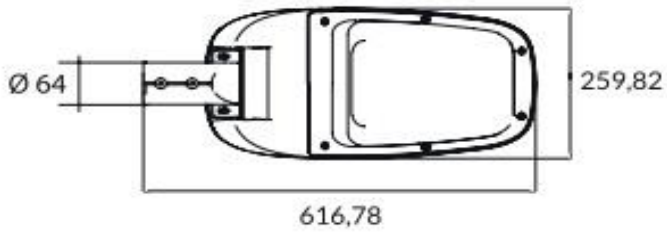
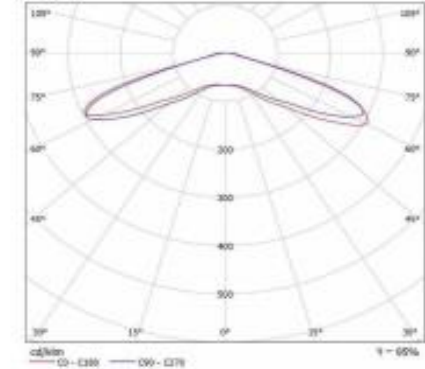


T3

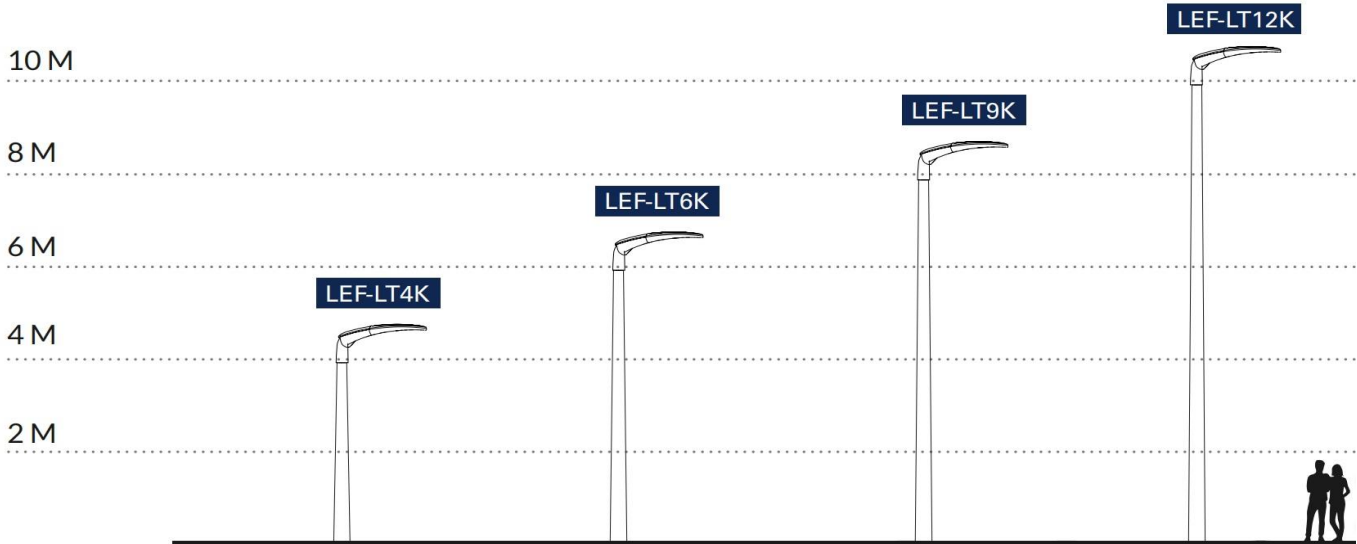


Symmetric

VSM



Pole installation heights



Light pollution

The design of the luminaire and the optics system makes it possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-light-pollution requirements.

NTE LED FEF Street light

High efficiency street light, elegant and compact design with the best features for street lighting. With asymmetric optics according to the needs of the location.

Possibility of applying anti-corrosion finishes, for environments with high salinity or atmospheres with corrosive gasses.

Protection IP66 and impact resistant IK08, standard color RAL 7012.

Integrated IP66 KLASSE II Driver. Input Voltage 95-270Vac, 48-63Hz Power factor $\geq 96\%$

LED COB 2.0 L80B10 with a superior efficiency up to >155 lm/W.

Estimated useful life exceeding 60.000 hour. Manufacturers warranty 5 years.

Easy installation with rotatable arm (excepted the 3K / 6K), optional available a 90° adapter for the 3K / 6K).

Pole aperture of $\varnothing 52,5 / 67$ mm. Weight 2-8 kilo.

To use in ambient temperatures from -40°C to $+60^{\circ}\text{C}$.

Standard dimmable 1-10V.

Light optic $135^{\circ} \times 60^{\circ}$ FHS $<1\%$

Overtoltage protection 20KV.

Conv. = compared to a standard discharge lamp

Number	Description	Watt	Weight	Lumen	CRI	Color	Conv.
83NTE0070	FEF-3K	20/22W	2	3.276	>80	2200K	$>75\text{W}$
83NTE0071	FEF-6K	38/42W	2	6.034	>80	2200K	150W
83NTE0072	FEF-9KK	60/67W	7	9.155	>80	2200K	225W
83NTE0073	FEF-12K	77/85W	7	12.200	>80	2200K	350W
83NTE0074	FEF-15K	95/104W	8	14.490	>80	2200K	400W
83NTE0075	FEF-21K	136/148W	8	20.206	>80	2200K	600W
83NTE0076	FEF-3K	20/22W	2	3.276	>80	2700K	$>75\text{W}$
83NTE0077	FEF-6K	38/42W	2	6.034	>80	2700K	150W
83NTE0078	FEF-9KK	60/67W	7	9.155	>80	2700K	225W
83NTE0079	FEF-12K	77/85W	7	12.200	>80	2700K	350W
83NTE0080	FEF-15K	95/104W	8	14.490	>80	2700K	400W
83NTE0081	FEF-21K	136/148W	8	20.206	>80	2700K	600W
83NTE0082	FEF-3K	20/22W	2	3.276	>80	4000K	$>75\text{W}$
83NTE0083	FEF-6K	38/42W	2	6.034	>80	4000K	150W
83NTE0084	FEF-9KK	60/67W	7	9.155	>80	4000K	225W
83NTE0085	FEF-12K	77/85W	7	12.200	>80	4000K	350W
83NTE0086	FEF-15K	95/104W	8	14.490	>80	4000K	400W
83NTE0087	FEF-21K	136/148W	8	20.206	>80	4000K	600W
83NTE0086	FEF-15K	95/104W	8	14.490	>80	4000K	400W
83NTE0087	FEF-21K	136/148W	8	20.206	>80	4000K	600W
83NTE0088	Anticorrosion treatment FEF 3K / 6K						
83NTE0089	Anticorrosion treatment FEF 9K / 21K						
83NTE0090	Special reducer to adapt the 50mm arm to a 28-30mm column						
83NTE0091	Adapter piece 90° aluminium 65mm adjustable						

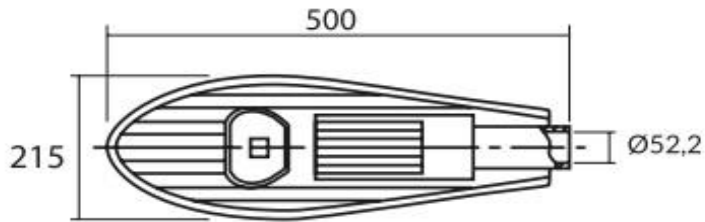
Optional: Dimming DALI, RMS, Double Level, Treatments antisaline, anticorrosion, Adapters $\varnothing 30$ mm and 90°, motion sensor.



Dimensions FEF 3K / 6K

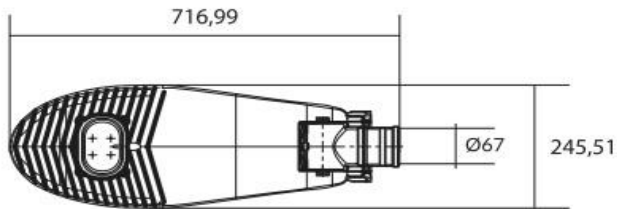
Weight 2 kg.

For 90° adjustable connection optional 83NTE0091



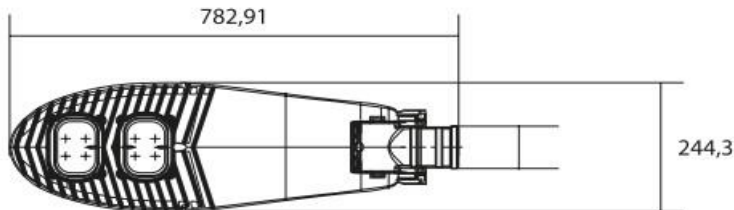
Dimensions FEF 9K / 12K

Weight 7 kg.

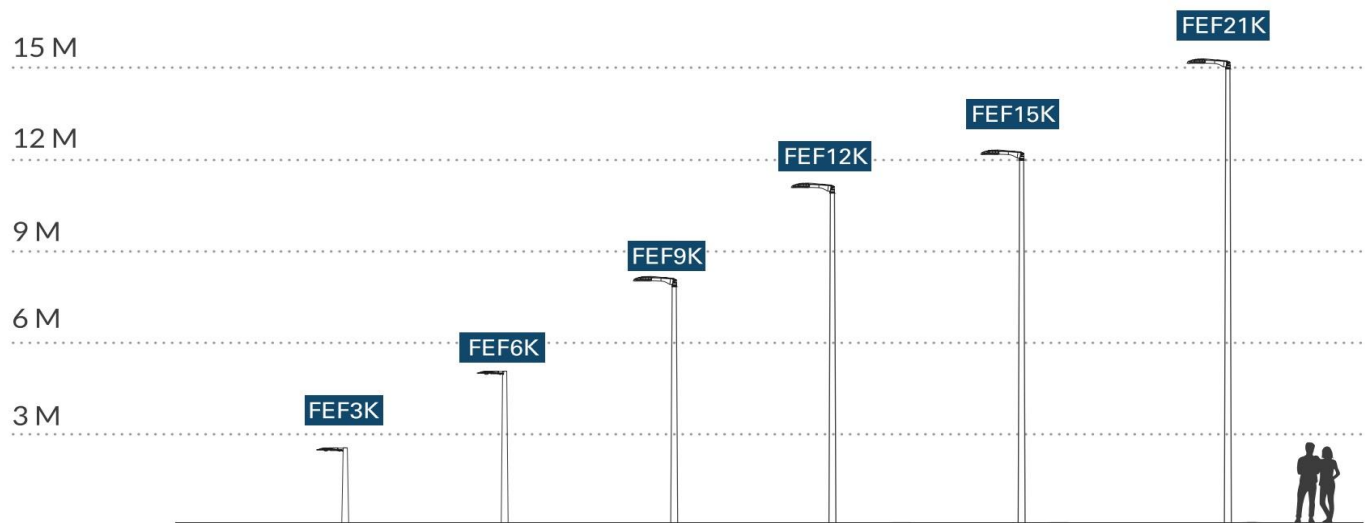


Dimensions FEF 15K / 21K

Weight 8 kg.



Pole installation heights



Light pollution

The design of the luminaire and the optics system makes it possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-light-pollution requirements.