

# NAV LED FIL V<sup>1</sup>

LED replacement for NAV lamps in design-oriented outdoor applications



## PRODUCT FEATURES

- Suitable for operation with conventional control gear (CCG) or 230 V AC mains
- Very high efficiency of up to 190 lm/W
- Power factor: 0.9
- Type of protection: IP65
- Surge protection: up to 2 kV (L-N)

## PRODUCT BENEFITS

- Same design as traditional NAV lamps with frosted, ellipsoid full glass bulb
- Full use of reflector of existing luminaire thanks to 360 degree beam angle
- Saves up to 78 % energy when used as replacement for sodium vapor lamps (NAV)
- Instant 100 % light, no warm-up time
- Similar light distribution as traditional NAV lamps

## AREAS OF APPLICATION

- Streets
- Area lighting
- Pedestrian zones
- Parks
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	w	ΔW	W	lm	K	CRI	I [mm]	d [mm]	°	t <sub>h</sub> <sup>3</sup>	EEC <sup>4</sup>	RoHS	Light No.
NAV 50 LED FIL V 3600LM 21W 727 E27	4099854071973	50	E27	21	3600	2700	70	170	38	360	25 000	E C	6	1
NAV 50 LED FIL V 4000LM 21W 740 E27	4099854071997	50	E27	21	4000	4000	70	170	38	360	25 000	E D	6	1
NAV 70 LED FIL V 5400LM 35W 727 E27	4099854072017	70	E27	35	5400	2700	70	210	38	360	25 000	E D	6	2
NAV 70 LED FIL V 6000LM 35W 740 E27	4099854072031	70	E27	35	6000	4000	70	210	38	360	25 000	E C	6	2
NAV 100 LED FIL V 7000LM 41W 727 E40	4099854072055	100	E40	41	7000	2700	70	225	46	360	25 000	E C	6	3
NAV 100 LED FIL V 7500LM 41W 740 E40	4099854072079	100	E40	41	7500	4000	70	225	46	360	25 000	E C	6	3

## SAFETY ADVICE

Not suitable for operation with ignitors.

Operation on the capacitor can lead to a reduction of the power factor of the system.

When installed horizontally, the t<sub>c</sub> point of the lamp is located on the top side of the lamp.

Use in tight luminaires and luminaires with tight reflectors not recommended.

Only suitable for temperatures of up to 50°C inside of the luminaire. Use in tight luminaires and luminaires with tight reflectors not recommended.

<sup>1</sup> Non-dimmable | <sup>2</sup> Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions | <sup>3</sup> L70/B50 | <sup>4</sup> Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)