

# LEDVANCE TOOTEUUDISED 2023-2



NEW

## LEDVANCE HQL LED FILAMENT



VALUE  
CLASS

### Design- & cost-driven M3 range



13W & 20W  
E27

24W & 38W  
E27

38W  
E40

60W  
E40

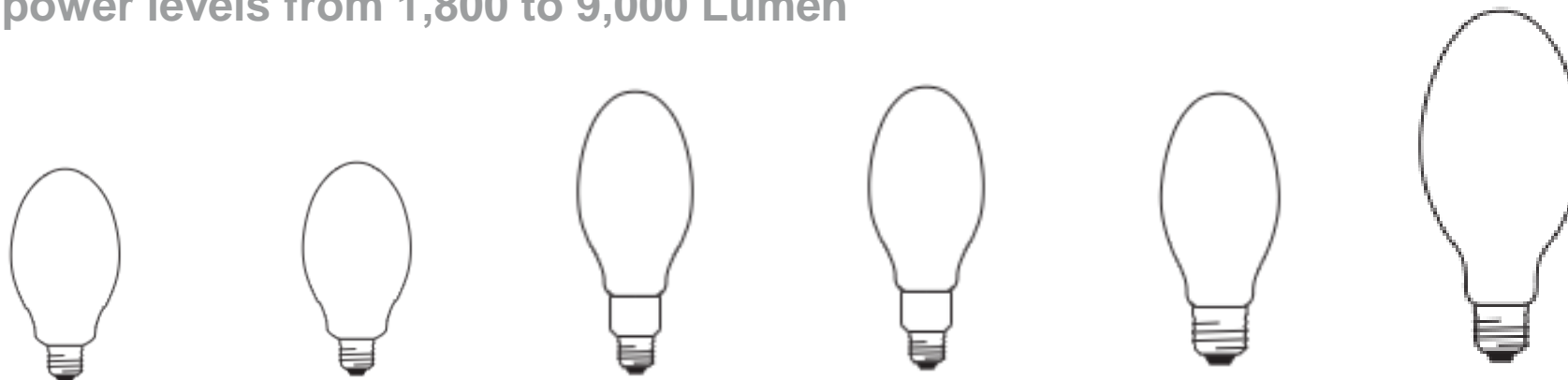
- ✓ Direct replacement for traditional HQL lamps thanks to CCG compatibility
- ✓ Same design as traditional HQL lamps with frosted, ellipsoid full glass bulb
- ✓ Very lightweight
- ✓ Also suitable for operation on 230V direct mains
- ✓ Very high efficiency of up to 167lm/W
- ✓ Available in two light colors: 2700K und 4000K
- ✓ Suitable for outdoor use: protection class IP65
- ✓ 2kV surge protection
- ✓ L70B50 lifetime of 25,000h

# LEDVANCE HQL LED FIL V

## Product Overview


**VALUE  
CLASS**

Five different power levels from 1,800 to 9,000 Lumen



	LEDVANCE HQL LED V 13W E27	LEDVANCE HQL LED V 20W E27	LEDVANCE HQL LED V 24W E27	LEDVANCE HQL LED V 38W E27	LEDVANCE HQL LED V 38W E40	LEDVANCE HQL LED V 60W E40
Light Output	1800 / 2000 lm	2700 / 3000 lm	3600 / 4000 lm	5400 / 6000 lm	5400 / 6000 lm	8100 / 9000 lm
Power	13 W	20 W	24 W	38 W	38 W	60 W
Light Color	2700 K / 4000 K					
Diameter	75 mm	75 mm	90 mm	90 mm	90 mm	120 mm
Length	151 mm	151 mm	217 mm	217 mm	202 mm	260 mm
Weight	83 g	83 g	210 g	210 g	210 g	300 g
Protection Class	IP65					

# Product Data Sheet

## LEDVANCE HQL LED FIL V 1800 / 2000 E27

# LEDVANCE HQL LED FIL V



### Important technical data

Product	HQL LED FIL V 1800/2000
Replacement for HQL	50 W
Luminous flux	1800 lm 2000 lm
Power	13 W
Efficiency	138 lm/W 154 lm/W
Voltage   frequency	220 – 240 V   50/60 Hz
Light color	2700 K 4000 K
CRI	80
Beam angle	360°
Power factor	> 0.9
Lifespan (L70/B50)	25,000 h
Dimensions (D x L)	75 mm x 151 mm
Weight	83 g
Bases	E27
Energy efficiency class	D
Energy consumption	13 kWh/1000h
Packaging unit	6
<b>NEW</b> EAN	4099854071737 4099854071751

### Product features:

- LED replacement for HQL lamps in design-oriented outdoor applications
- IP65-protected lamp

### Product benefits:

- Ellipsoid full glass bulb, same as traditional HQL lamps
- Energy savings of up to 75% compared with inefficient mercury vapor lamps (HQL)
- Direct replacement for traditional HQL lamps thanks to CCG compatibility, no rewiring needed
- Effective thermal management for wide ambient temperature range - 20 to +50 °C
- Long lifespan of 25,000 hours (L70/B50)
- Surge protection of up to 2kV (L-N)
- Instant 100 % light, no warm-up time

### Application areas:

- Streets and pedestrian zones
- Parking lots
- Parks

**IP65**

 Details on  
[www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

# Product Data Sheet

## LEDVANCE HQL LED FIL V 2700 / 3000 E27

# LEDVANCE HQL LED FIL V



### Important technical data

Product	HQL LED FIL V 2700/3000
Replacement for HQL	80 W
Luminous flux	2700 lm 3000 lm
Power	20 W
Efficiency	135 lm/W 150 lm/W
Voltage   frequency	220 – 240 V   50/60 Hz
Light color	2700 K 4000 K
CRI	80
Beam angle	360°
Power factor	> 0.9
Lifespan (L70/B50)	25,000 h
Dimensions (D x L)	75 mm x 151 mm
Weight	83 g
Bases	E27
Energy efficiency class	D
Energy consumption	20 kWh/1000h
Packaging unit	6
<b>NEW</b> EAN	4099854071775 4099854071799

### Product features:

- LED replacement for HQL lamps in design-oriented outdoor applications
- IP65-protected lamp

### Product benefits:

- Ellipsoid full glass bulb, same as traditional HQL lamps
- Energy savings of up to 77% compared with inefficient mercury vapor lamps (HQL)
- Direct replacement for traditional HQL lamps thanks to CCG compatibility, no rewiring needed
- Effective thermal management for wide ambient temperature range - 20 to +50 °C
- Long lifespan of 25,000 hours (L70/B50)
- Surge protection of up to 2kV (L-N)
- Instant 100 % light, no warm-up time

### Application areas:

- Streets and pedestrian zones
- Parking lots
- Parks

**IP65**

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# Product Data Sheet

## LEDVANCE HQL LED FIL V 3600 / 4000 E27

# LEDVANCE HQL LED FIL V



### Important technical data

Product	HQL LED FIL V 3600/4000
Replacement for HQL	80 W
Luminous flux	3600 lm 4000 lm
Power	24 W
Efficiency	150 lm/W 167 lm/W
Voltage   frequency	220 – 240 V   50/60 Hz
Light color	2700 K 4000 K
CRI	80
Beam angle	360°
Power factor	> 0.9
Lifespan (L70/B50)	25,000 h
Dimensions (D x L)	90 mm x 217 mm
Weight	210 g
Bases	E27
Energy efficiency class	D C
Energy consumption	24 kWh/1000h
Packaging unit	6
<b>NEW</b> EAN	4099854071812 4099854071836

### Product features:

- LED replacement for HQL lamps in design-oriented outdoor applications
- IP65-protected lamp

### Product benefits:

- Ellipsoid full glass bulb, same as traditional HQL lamps
- Energy savings of up to 73% compared with inefficient mercury vapor lamps (HQL)
- Direct replacement for traditional HQL lamps thanks to CCG compatibility, no rewiring needed
- Effective thermal management for wide ambient temperature range - 20 to +50 °C
- Long lifespan of 25,000 hours (L70/B50)
- Surge protection of up to 2kV (L-N)
- Instant 100 % light, no warm-up time

### Application areas:

- Streets and pedestrian zones
- Parking lots
- Parks

**IP65**

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# Product Data Sheet

## LEDVANCE HQL LED FIL V 5400 / 6000 E27

# LEDVANCE HQL LED FIL V



### Important technical data

Product	HQL LED FIL V 5400/6000
Replacement for HQL	125 W
Luminous flux	5400 lm 6000 lm
Power	38 W
Efficiency	142 lm/W 158 lm/W
Voltage   frequency	220 – 240 V   50/60 Hz
Light color	2700 K 4000 K
CRI	80
Beam angle	360°
Power factor	> 0.9
Lifespan (L70/B50)	25,000 h
Dimensions (D x L)	90 mm x 217 mm
Weight	210 g
Bases	E27
Energy efficiency class	D
Energy consumption	38 kWh/1000h
Packaging unit	6
<b>NEW</b> EAN	4099854071850 4099854071898

### Product features:

- LED replacement for HQL lamps in design-oriented outdoor applications
- IP65-protected lamp

### Product benefits:

- Ellipsoid full glass bulb, same as traditional HQL lamps
- Energy savings of up to 72% compared with inefficient mercury vapor lamps (HQL)
- Direct replacement for traditional HQL lamps thanks to CCG compatibility, no rewiring needed
- Effective thermal management for wide ambient temperature range - 20 to +50 °C
- Long lifespan of 25,000 hours (L70/B50)
- Surge protection of up to 2kV (L-N)
- Instant 100 % light, no warm-up time

### Application areas:

- Streets and pedestrian zones
- Parking lots
- Parks

**IP65**

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# Product Data Sheet

## LEDVANCE HQL LED FIL V 5400 / 6000 E40

# LEDVANCE HQL LED FIL V



### Important technical data

Product	HQL LED FIL V 5400/6000
Replacement for HQL	125 W
Luminous flux	5400 lm 6000 lm
Power	38 W
Efficiency	142 lm/W 158 lm/W
Voltage   frequency	220 – 240 V   50/60 Hz
Light color	2700 K 4000 K
CRI	80
Beam angle	360°
Power factor	> 0.9
Lifespan (L70/B50)	25,000 h
Dimensions (D x L)	90 mm x 202 mm
Weight	210 g
Bases	E40
Energy efficiency class	D
Energy consumption	38 kWh/1000h
Packaging unit	6
<b>NEW</b> EAN	4099854071874 4099854071911

### Product features:

- LED replacement for HQL lamps in design-oriented outdoor applications
- IP65-protected lamp

### Product benefits:

- Ellipsoid full glass bulb, same as traditional HQL lamps
- Energy savings of up to 72% compared with inefficient mercury vapor lamps (HQL)
- Direct replacement for traditional HQL lamps thanks to CCG compatibility, no rewiring needed
- Effective thermal management for wide ambient temperature range - 20 to +50 °C
- Long lifespan of 25,000 hours (L70/B50)
- Surge protection of up to 2kV (L-N)
- Instant 100 % light, no warm-up time

### Application areas:

- Streets and pedestrian zones
- Parking lots
- Parks

**IP65**

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# Product Data Sheet

## LEDVANCE HQL LED FIL V 8100 / 9000 E40

# LEDVANCE HQL LED FIL V



### Important technical data

Product	HQL LED FIL V 8100/9000
Replacement for HQL	250 W
Luminous flux	8100 lm 9000 lm
Power	60 W
Efficiency	135 lm/W 150 lm/W
Voltage   frequency	220 – 240 V   50/60 Hz
Light color	2700 K 4000 K
CRI	80
Beam angle	360°
Power factor	> 0.9
Lifespan (L70/B50)	25,000 h
Dimensions (D x L)	120 mm x 260 mm
Weight	300 g
Bases	E40
Energy efficiency class	D
Energy consumption	60 kWh/1000h
Packaging unit	6
<b>NEW</b> EAN	4099854071935 4099854071959

### Product features:

- LED replacement for HQL lamps in design-oriented outdoor applications
- IP65-protected lamp

### Product benefits:

- Ellipsoid full glass bulb, same as traditional HQL lamps
- Energy savings of up to 77% compared with inefficient mercury vapor lamps (HQL)
- Direct replacement for traditional HQL lamps thanks to CCG compatibility, no rewiring needed
- Effective thermal management for wide ambient temperature range - 20 to +50 °C
- Long lifespan of 25,000 hours (L70/B50)
- Surge protection of up to 2kV (L-N)
- Instant 100 % light, no warm-up time

### Application areas:

- Streets and pedestrian zones
- Parking lots
- Parks

**IP65**

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NEW

## LEDVANCE NAV LED FILAMENT



VALUE  
CLASS

### Design- & cost-driven M3 range



21W  
E27



35W  
E27



41W  
E40

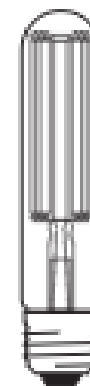
- ✓ Direct replacement for traditional NAV lamps thanks to CCG compatibility
- ✓ Same design as traditional NAV lamps with clear, tubular full glass bulb
- ✓ Similar light distribution as traditional NAV lamps
- ✓ Full use of reflector of existing luminaire thanks to 360° beam angle
- ✓ Very lightweight
- ✓ Suitable for operation on 230V direct mains
- ✓ Extremely high efficiency of up to 190lm/W
- ✓ Available in two light colors: 4000K und 2700K
- ✓ Suitable for outdoor use: protection class IP65
- ✓ 2kV surge protection
- ✓ L70B50 lifetime of 25,000h

# LEDVANCE NAV LED FIL V

## Product Overview



Three different power levels from 3600 to 7500 Lumen



	LEDVANCE NAV 50 LED V 21W E27	LEDVANCE NAV 70 LED V 35W E27	LEDVANCE NAV 100 LED V 41W E40
Light Output	3600 / 4000 lm	5400 / 6000 lm	7000 / 7500 lm
Power	21 W	35 W	41 W
Light Color	2700 K / 4000 K		
Diameter	38 mm	38 mm	46 mm
Length	170 mm	210 mm	225 mm
Weight	80 g	120 g	170 g
Protection Class	IP65		

# Product Data Sheet

## LEDVANCE NAV 50 LED V 3600 / 4000 E27

# LEDVANCE NAV 50 LED V



### Important technical data

Product	LEDVANCE NAV 50 LED V
Replacement for NAV	50 W
Luminous flux	3600 lm 4000 lm
Power	21 W
Efficiency	171 lm/W 190 lm/W
Voltage   frequency	220 – 240 V   50/60 Hz
Light color	2700 K 4000 K
CRI	70
Beam angle	360°
Power factor	> 0.9
Lifespan (L70/B50)	25,000 h
Dimensions (D x L)	38 mm x 170 mm
Weight	80 g
Bases	E27
Energy efficiency class	C B
Energy consumption	21 kWh/1000h
Packaging unit	6
<b>NEW</b> EAN	4099854071973 4099854071997

### Product features:

- LED replacement for NAV lamps in design-oriented outdoor applications
- IP65-protected lamp

### Product benefits:

- Tubular full glass bulb, same as traditional NAV lamps
- Energy savings of up to 62% compared with sodium vapor lamps (NAV)
- Direct replacement for traditional NAV lamps thanks to CCG compatibility, no rewiring needed
- Effective thermal management for wide ambient temperature range - 20 to +50 °C
- Long lifespan of 25,000 hours (L70/B50)
- Surge protection of up to 2kV (L-N)
- Instant 100 % light, no warm-up time

### Application areas:

- Streets and pedestrian zones
- Parking lots
- Parks

**IP65**

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# Product Data Sheet

## LEDVANCE NAV 70 LED V 5400 / 6000 E27

# LEDVANCE NAV 70 LED V



### Important technical data

Product	LEDVANCE NAV 70 LED V
Replacement for NAV	70 W
Luminous flux	5400 lm 6000 lm
Power	35 W
Efficiency	154 lm/W 171 lm/W
Voltage   frequency	220 – 240 V   50/60 Hz
Light color	2700 K 4000 K
CRI	70
Beam angle	360°
Power factor	> 0.9
Lifespan (L70/B50)	25,000 h
Dimensions (D x L)	38 mm x 210 mm
Weight	120 g
Bases	E27
Energy efficiency class	D C
Energy consumption	35 kWh/1000h
Packaging unit	6
<b>NEW</b> EAN	4099854072017 4099854072031

### Product features:

- LED replacement for NAV lamps in design-oriented outdoor applications
- IP65-protected lamp

### Product benefits:

- Tubular full glass bulb, same as traditional NAV lamps
- Energy savings of up to 55% compared with sodium vapor lamps (NAV)
- Direct replacement for traditional NAV lamps thanks to CCG compatibility, no rewiring needed
- Effective thermal management for wide ambient temperature range - 20 to +50 °C
- Long lifespan of 25,000 hours (L70/B50)
- Surge protection of up to 2kV (L-N)
- Instant 100 % light, no warm-up time

### Application areas:

- Streets and pedestrian zones
- Parking lots
- Parks

**IP65**

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# Product Data Sheet

## LEDVANCE NAV 100 LED V 7000 / 7500 E27

# LEDVANCE NAV 100 LED V



### Important technical data

Product	LEDVANCE NAV 100 LED V
Replacement for NAV	100 W
Luminous flux	7000 lm 7500 lm
Power	41 W
Efficiency	171 lm/W 183 lm/W
Voltage   frequency	220 – 240 V   50/60 Hz
Light color	2700 K 4000 K
CRI	70
Beam angle	360°
Power factor	> 0.9
Lifespan (L70/B50)	25,000 h
Dimensions (D x L)	46 mm x 225 mm
Weight	170 g
Bases	E40
Energy efficiency class	C
Energy consumption	41 kWh/1000h
Packaging unit	6
<b>NEW</b> EAN	4099854072055 4099854072079

### Product features:

- LED replacement for NAV lamps in design-oriented outdoor applications
- IP65-protected lamp

### Product benefits:

- Tubular full glass bulb, same as traditional NAV lamps
- Energy savings of up to 63% compared with inefficient sodium vapor lamps (NAV)
- Direct replacement for traditional NAV lamps thanks to CCG compatibility, no rewiring needed
- Effective thermal management for wide ambient temperature range - 20 to +50 °C
- Long lifespan of 25,000 hours (L70/B50)
- Surge protection of up to 2kV (L-N)
- Instant 100 % light, no warm-up time

### Application areas:

- Streets and pedestrian zones
- Parking lots
- Parks

**IP65**

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