

# Viking GEN2 DKS850

# TAKTON



## Benefits:

- Ensure high energy efficiency in combination with moderate initial investments in infrastructure development
- Modest modern design of Viking luminaire fits well in diversified and demanding city environment. Selection of different size housings in combination with a range of high-performance optics and light colour temperatures satisfies all demands for city street lighting.
- The highest quality LED components of proven manufacturers and reliable technical design ensures high-quality lighting and long lifetime.

TYPE	<b>Product type:</b> VIKING G2 DKS850
ELECTRICAL PARAMETERS	<b>Input Frequency:</b> 50 – 60 Hz
	<b>Mains voltage index:</b> 230 – 240 V / 50 – 60 Hz
	<b>Power range:</b> 17-204W depending on type
	<b>Driver type:</b> Driver Philips Xitanium or TCI included
	<b>Surge protection:</b> up to 12 kV (L/N-GND), up to 6 kV (L-N)
	<b>Power factor:</b> 0.98
	<b>Insulation class:</b> I or II on request

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## LIGHTING PERFORMANCE

**CCT:**

1800 – 5700?

**Color rendering index, CRI:**

70 – 80

**Light source:**

LED module

**LOR:**

> 0,86

**ULOR:**

0% while at a 0° tilt installation

**Luminaire lumen output range, lm:**

1550-29000 lm depending on type

**Type of optic:**

Low ageing PMMA lenses

**Efficacy:**

up to 182lm/W

## CONSTRUCTION AND MATERIALS

**Housing material:**

High-pressure, die-cast aluminium alloy Side-entry mounting: lateral entry 40/60mm or 76mm

**Housing coating:**

painted with electrostatic powder paint

**Ingress protection:**

IP66

**Optical cover:**

Tempered glass, flat as standard, PC optional

## CONTROLS AND DIMMING

**Control method:**

Night dimmer, 1-10V, DALI, Sensor ready

**Dimming range:**

10...100%

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## OPERATION AND MAINTENANCE

### **Electrical connection:**

Preinstalled rubber cable 3x1.5 0.5m as a standard. Other length is ordering according to the cables range. 3 pole IP68 connector is in the set.

### **Installation options:**

On top or Side-entry mounting:  
lateral entry 40/60mm or 76mm

### **Maintenance:**

Opening without tools, safety switch disconnects power on opening – Safe Maintenance Technology (SMT)

### **Maintenance of lumen output:**

100,000 hours lifetime L90B10 @ 25°C.

### **Application:**

- Urban road and streets
- Residential roads and paths
- Pedestrian crossroads

## MARKING AND APPROVALS

**CE, ENEC, ENEC+, ZHAGA D4i, ROHS**