

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