



### Sample Specification Text

Windsor Urban heritage luminaire with a 32 LED performance light engine and outputs of up to 12,500lm. 3,000K colour temperature using Diamond+™ A1 optic distribution. Fully programmable DALI driver from 250 to 1,050mA. Aluminium housing with LM6 die-cast aluminium top frame in black RAL 9005 with a polyester powder coat finish and clear polycarbonate glazing. IP65 and IK08 protection. With Ø76mm frog mount. 100,000 hours (L90) lifetime. For -40 °C to +40 °C ambient operating temperatures. Class I.

## Performance

<b>Output (luminaire flux)</b>	12,500lm (max)
<b>Power</b>	105W (max)
<b>Efficacy</b>	168lm/W (max)
<b>Number of LEDs</b>	1 / 8 / 16 / 24 / 32
<b>Colour Temperatures</b>	2,700K / 3,000K / 4,000K
<b>Colour Rendering Index (CRI)</b>	Performance LED: 70Ra Performance CoB: 70Ra (4000K) / 80Ra (3000K & 2700K) Comfort CoB: 80Ra (3000K & 2700K)
<b>Distributions</b>	Roads - Diamond+ A1/2/3/5/6 Pathways - Diamond+ B1/2/3 Areas - Diamond+ C1/2/6 Crossings - Diamond+ ZR/ZL/ZF Glass bowl refractor / Diffuser
<b>Certifications</b>	UKCA, CE

## Mechanical

<b>Mounting Options</b>	Traditional Ø76mm frog Cast base
<b>Glazing</b>	Clear polycarbonate
<b>Housing</b>	Aluminium
<b>Colours</b>	Black RAL 9005 (Other RAL colours on request)
<b>Finish</b>	Polyester powder coat
<b>IP Rating</b>	IP65
<b>IK Rating</b>	IK08
<b>Weight</b>	7.9kg

## Electrical

<b>Driver Options</b>	DALI (fully programmable with Constant Light Output)
<b>Drive Current Range</b>	250mA to 1,050mA
<b>Operating Voltage</b>	220-240V
<b>Electrical Class</b>	Class I (II on request)
<b>Operating Temperature Limit</b>	-40 °C to +40 °C
<b>Rated Lifetime</b>	Performance LED Light Engine: 100,000 hours (L90) Performance CoB Light Engine: 100,000 hours (L80) Comfort CoB Light Engine: 100,000 hours (L80) Gas effect Light Engine: 60,000 hours (L70)

## Controls

<b>Control Options</b>	Switched: On / off through miniature photocell Dimmable: Factory set dimmed Customer specified dimming CMS: Compatible with all available CMS systems
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