



## Sample Specification Text

Kirium Pro 1 street luminaire with 32 LED light engine. Constant light output enabled fully programmable DALI driver operating up to 1000mA. 3,000K colour temperature using Diamond+ A1 optic technology. LM6 high pressure die-cast aluminium body in RAL 7046 mid grey with a polyester powder coat finish and flat toughened glass glazing. With lift-off head, automatic electrical disconnection block and toolless entry for easy maintenance. Cool Zone™ thermal technology for improved performance. IP66 and IK10 protection. 100,000 hour (L90 B10) lifetime. For -45 °C to +50 °C ambient operating temperatures. Class I.

## Performance

<b>Output (luminaire flux)</b>	13,800lm (max)
<b>Power</b>	93W (max)
<b>Efficacy</b>	187lm/W (max)
<b>Number of LEDs</b>	8 / 16 / 24 / 32
<b>Colour Temperatures</b>	2,700K 3,000K 4,000K
<b>Colour Rendering Index (CRI)</b>	70 / 80
<b>Distributions</b>	Diamond+ optic system
<b>Certifications</b>	UKCA, CE, ENEC

## Mechanical

<b>Mounting Options</b>	Side Entry: Ø34mm - Ø42mm / Ø60mm Direct Post: Ø60mm / Ø60-76mm
<b>Tilt Adjustment</b>	-15° to +15° (5° increments)
<b>Glazing</b>	Toughened glass IK08 / Polycarbonate for IK10
<b>Housing</b>	Die-cast aluminium
<b>Colours</b>	Mid Grey RAL 7046 Light Grey RAL 7035 Black RAL 9005 (Other RAL colours on request)
<b>Finish</b>	Polyester powder coat
<b>IP Rating</b>	IP66
<b>IK Rating</b>	IK10
<b>Weight</b>	8.5kg

## Electrical

<b>Driver Options</b>	DALI (fully programmable with Constant Light Output enabled)
<b>Drive Current Range</b>	200mA to 1,050mA
<b>Operating Voltage</b>	220-240V
<b>Electrical Class</b>	Class I Class II (on request)
<b>Operating Temperature Limit</b>	-45 °C to +50 °C
<b>Rated Lifetime</b>	100,000 hours (L90 B10)

## Controls

<b>Control Options</b>	Photocell Part-night switching Pre-programmed dimming NEMA Zhaga Integral CMS Sensor ready
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