



## Sample Specification Text

Kirium One street luminaire with 24 LED light engine. Constant light output enabled fully programmable DALI driver operating up to 1050mA. 3,000K colour temperature with Medium Road high transmission PMMA optic. Die-cast aluminium body in mid grey RAL 7046 with a polyester powder coat finish. Universal Entry allowing switching between direct post (Ø60-76mm) and side entry (Ø34-60mm) on-site. IP66 and IK08 protection. 100,000 hours (L90 B10) lifetime. For -20 °C to +40 °C ambient operating temperatures (higher ambient temperatures available). Class I. Pre-wired.

## Performance

<b>Output (luminaire flux)</b>	11,021lm (max)
<b>Power</b>	72W (max)
<b>Efficacy</b>	203lm/W (max)
<b>Number of LEDs</b>	12 / 24
<b>Colour Temperatures</b>	2,700K 3,000K 4,000K
<b>Colour Rendering Index</b>	> 70 CRI
<b>Colour Consistency</b>	5 SDCM
<b>Distributions</b>	Narrow / Medium / Wide Road Traffic Route Area (Symmetric / Asymmetric) Pedestrian Crossing
<b>DarkSky Approved?</b>	Yes, 2700K and 3000K only at a fixed tilt of 0°
<b>TM66 Score</b>	2.7 (Excellent Circularity)
<b>Certifications</b>	UKCA, CE, ENEC

## Electrical

<b>Driver Options</b>	DALI (fully programmable with Constant Light Output enabled)
<b>Drive Current Range</b>	250mA to 1050mA
<b>Integral 3-hour Emergency</b>	12 LED: 750mA max. 24 LED: 800mA max. (750mA with Zhaga/NEMA socket)
<b>Operating Voltage</b>	220-240V
<b>Electrical Class</b>	Class I / Class II
<b>Operating Temperature Limit</b>	-20 °C to +40 °C (please contact us for lifetime information at higher ambient temperatures)
<b>Rated Lifetime</b>	100,000 hours (L90 B10)

## Mechanical

<b>Mounting Options</b>	Universal Entry (direct post Ø60-76mm / side entry Ø34-60mm)
<b>Tilt Adjustment</b>	Post top: -10° to +15° (5° increments) Side entry: -15° to +10° (5° increments)
<b>Glazing</b>	PMMA IP66 optics
<b>Housing</b>	Die-cast aluminium / die-cast aluminium with UV-stabilised polycarbonate lower
<b>Colours</b>	Mid grey RAL 7046 Light grey RAL 7035 Black RAL 9005 (Other RAL colours on request)
<b>Finish</b>	Smooth polyester powder coat
<b>IP Rating</b>	IP66
<b>IK Rating</b>	IK08
<b>Weight</b>	4.2kg
<b>Windage</b>	0.026m2

## Controls

<b>Control Options</b>	Miniature photocell NEMA photocell Zhaga presence detector Part night switching Pre-programmed dimming External CMS NEMA socket Zhaga Book 18 socket
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