



## Sample Specification Text

Kirium Pro S1 street luminaire with 32 LED light engine. Constant light output enabled fully programmable DALI driver operating up to 1050mA. 3,000K colour temperature with Diamond+ A1 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 -40 °C to +40 °C ambient operating temperatures (higher ambient temperatures available). Class I. Pre-wired.

## Performance

<b>Output (luminaire flux)</b>	14,175lm (max.)
<b>Power</b>	96W (max.)
<b>Efficacy</b>	199lm/W (max.)
<b>Number of LEDs</b>	16 / 24 / 32
<b>Colour Temperatures</b>	2,700K / 3,000K / 4,000K
<b>ORI</b>	> 70
<b>Colour Consistency</b>	5 SDCM
<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
<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>	16 LED: 750mA max. 24 LED: 800mA max. (750mA max. with Zhaga/NEMA) 32 LED: 700mA max.
<b>Operating Voltage</b>	220-240V
<b>Electrical Class</b>	Class I (Class II on request)
<b>Operating Temperature Limit</b>	-40 °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° (2.5° increments) Side entry: -15° to +10° (2.5° increments)
<b>Glazing</b>	Flat toughened glass
<b>Housing</b>	Upper: die-cast aluminium Lower: die-cast aluminium / UV-stabilised polycarbonate
<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>	5.5kg
<b>Windage</b>	0.053m2

## 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
------------------------	---