



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 post top (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

Output (luminaire flux)	14,175lm (max.)
Power	96W (max.)
Efficacy	199lm/W (max.)
Number of LEDs	16 / 24 / 32
Colour Temperatures	2,700K / 3,000K / 4,000K
ORI	> 70
Colour Consistency Distributions	5 SDCM
	Roads - Diamond+ A1/2/3/5/6
	Pathways - Diamond+ B1/2/3
	Areas - Diamond+ C1/2/6
	Crossings - Diamond+ ZR/ZL/ZF
DarkSky Approved?	Yes, 2700K and 3000K only at a fixed tilt of 0°
TM66 Score	2.7 (Excellent Circularity)
Certifications	UKCA, CE, ENEC, ZD4i

Electrical

Driver Options	DALI (fully programmable with Constant Light Output enabled)
Drive Current Range	250mA to 1050mA
Integral 3-hour Emergency	16 LED: 750mA max. 24 LED: 800mA max. (750mA max. with Zhaga/NEMA) 32 LED: 700mA max.
Operating Voltage	220-240V
Electrical Class	Class I (Class II on request)
Operating Temperature Limit	-40 °C to +40 °C (please contact us for lifetime information at higher ambient temperatures)
Rated Lifetime	100,000 hours (L90 B10)

Mechanical

Mounting Options	Universal Entry (post top Ø60-76mm / side entry Ø34-60mm), Dedicated Post Top: (Ø60-76mm), Dedicated Side Entry (Ø34-42mm)
Tilt Adjustment	Post top: -10° to +15° (2.5° increments) Side entry: -15° to +10° (2.5° increments)
Glazing Housing	Flat toughened glass Upper: die-cast aluminium Lower: die-cast aluminium / UV-stabilised polycarbonate
Colours	Mid grey RAL 7046 Light grey RAL 7035 Black RAL 9005 (Other RAL colours on request)
Finish	Smooth polyester powder coat
IP Rating	IP66
IK Rating	IK08
Weight	5.5kg
Windage	0.053m ²

Controls

Control Options	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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