



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 post top (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

Output (luminaire flux)	11,021lm (max)
Power	72W (max)
Efficacy	203lm/W (max)
Number of LEDs	12 / 24
Colour Temperatures	2,700K 3,000K 4,000K
Colour Rendering Index	> 70 CRI
Colour Consistency	5 SDCM
Distributions	Narrow / Medium / Wide Road Traffic Route Area (Symmetric / Asymmetric) Pedestrian Crossing
DarkSky Approved?	Yes, 2700K and 3000K only at a fixed tilt of 0°
TM66 Score	2.7 (Excellent Circularity)
Certifications	UKCA, CE, ZD4i

Electrical

Driver Options	DALI (fully programmable with Constant Light Output enabled)
Drive Current Range	250mA to 1050mA
Integral 3-hour Emergency	12 LED: 750mA max. 24 LED: 800mA max. (750mA with Zhaga/NEMA socket)
Operating Voltage	220-240V
Electrical Class	Class I / Class II
Operating Temperature Limit	-20 °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° (5° increments) Side entry: -15° to +10° (5° increments)
Glazing	PMMA IP66 optics
Housing	Die-cast aluminium / die-cast aluminium with UV-stabilised polycarbonate lower
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	4.2kg
Windage	0.026m 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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Due to continuous product development, the specification details are subject to change at any time. Please contact us for the most up-to-date information or visit www.dwwindsor.com
Tested at an ambient temperature of 25°C. Tolerance of +/- 7% on luminous flux and +/- 5% on power.