



Sample Specification Text

Katana modular post top lighting system with individual tilt adjustment in 5° increments. Fully programmable DALI driver configurable from 250 to 1,050mA. Up to 256 LED light engine with outputs up to 88,000lm with a 4,000K colour temperature using Diamond+™ optic technology. LM6 high pressure die-cast aluminium body in RAL 7046 mid grey with a polyester powder coat finish and low iron flat toughened glass glazing. IP67 and IK09 protection. 100,000 hour (L90) lifetime. For -45 °C to +50 °C ambient operating temperatures. Class I.

Performance

Output (luminaire flux)	17,500lm (max)
Power	792W (max)
Efficacy	130lm/W (max)
Number of LEDs	256 (max)
Colour Temperatures	2,700K 3,000K 4,000K
CRI	70 / 80 / 92
Distributions	Roads - Diamond+ A1/2/3/5/6 Pathways - Diamond+ B1/2/3 Areas - Diamond+ C1/2/6 Crossings - Diamond+ ZR/ZL/ZF Flood - Diamond+ F1
Certifications	UKCA, CE

Mechanical

Mounting Options	Post Top
Glazing	Low iron toughened glass
Housing	Die-cast aluminium
Colours	Mid Grey RAL 7046 Light Grey RAL 7035 Black RAL 9005 (Other RAL colours on request)
Finish	Polyester powder coat
IP Rating	IP67
IK Rating	IK09
Weight	56kg

Electrical

Driver Options	DALI (fully programmable with Constant Light Output enabled)
Drive Current Range	250mA to 1050mA
Operating Voltage	220-240V
Electrical Class	Class I Class II (on request)
Operating Temperature Limit	-45 °C to +50 °C
Rated Lifetime	100,000 hours (L90)

Controls

Control Options	Photocell Part night switching Pre-programmed dimming NEMA photocell CMS compatible Sensor ready
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