



Sample Specification Text

Daytona 450 street luminaire with toolless entry for easy installation and maintenance with removable LED light engine. Fully programmable DALI driver operating at 700mA. 24 LED light engine with a 3,000K colour temperature using Diamond+ A1 optic technology. LM6 high pressure die-cast aluminium body in RAL 9005 textured black with a polyester powder coat finish and flat toughened glass glazing. IP66 and IK08-10 protection. 100,000 hour (L90 B10) lifetime. For -40 °C to +40 °C ambient operating temperatures. Class I.

Performance

Output (luminaire flux)	14,175lm (max)
Power	96W (max)
Efficacy	178lm/W (max)
Number of LEDs	8 / 16 / 24 / 32 / 32 TW
Colour Temperatures	2,700K / 3,000K / 4,000K Tunable white 3,000K to 2,200K Tunable white 4,000K to 2,700K
CRI	70
Distributions	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
TM66 CEAM Rating	2.7 (Excellent Circularity)
Certifications	UKCA, CE

Mechanical

Mounting Options	Post Top: Ø60mm / Ø76mm Side Entry: Ø34mm – Ø42mm
Glazing	Flat toughened glass (IK08) Polycarbonate (IK10)
Housing	LM6 die-cast aluminium
Colours	Black RAL 9005 black Mid Grey RAL 7046 Light Grey RAL 7035 Metallic dark grey DB703 (Other RAL colours on request)
Finish	Polyester powder coat Marine grade coating
IP Rating	IP66
IK Rating	IK08 (10 on request)
Weight	8.7kg
Windage	0.043m ²

Electrical

Driver Options	DALI (fully programmable with Constant Light Output enabled) Bluetooth
Drive Current Range	250mA to 1050mA
Operating Voltage	220-240V
Electrical Class	Class I Class II (on request)
Operating Temperature Limit	-40 °C to +40 °C (specifications rated up to +50°C available on request)
Rated Lifetime	100,000 hours (L90 B10)

Controls

Control Options	Miniature photocell NEMA photocell Part night switching Pre-programmed dimming Bluetooth Integral or external CMS 3, 5 or 7-pin NEMA socket 4-pin Zhaga Book 18 socket
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