



Sample Specification Text

Kirium Pro 1 street luminaire with 32 LED light engine. Constant light output enabled fully programmable DALI driver operating up to 1050mA. 3,000K colour temperature using Diamond+ A1 optic technology. LM6 high pressure die-cast aluminium body in RAL 7046 mid grey with a polyester powder coat finish and flat toughened glass glazing. With lift-off head, automatic electrical disconnection block and toolless entry for easy maintenance. Cool Zone™ thermal technology for improved performance. IP66 and IK10 protection. 100,000 hour (L90 B10) lifetime. For -45 °C to +50 °C ambient operating temperatures. Class I.

Performance

| | |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Output (luminaire flux) | 13,800lm (max) |
| Power | 93W (max) |
| Efficacy | 187lm/W (max) |
| Number of LEDs | 8 / 16 / 24 / 32 |
| Colour Temperatures | 2,700K 3,000K 4,000K |
| CRI | 70 / 80 |
| Distributions | Roads - Diamond+ A1/2/3/5/6 Pathways - Diamond+ B1/2/3 Areas - Diamond+ C1/2/6 Crossings - Diamond+ ZR/ZL/ZF |
| Certifications | UKCA, CE, ENEC |

Mechanical

| | |
|-------------------------|--------------------------------------------------------------------------------------------------------------------|
| Mounting Options | Side Entry: Ø34-42mm / Ø60mm Direct Post: Ø60mm / Ø60-76mm |
| Tilt Adjustment | -15° to +15° (5° increments) |
| Glazing | Toughened glass IK08 / Polycarbonate for IK10 |
| Housing Colours | Die-cast aluminium Mid Grey RAL 7046 Light Grey RAL 7035 Black RAL 9005 (Other RAL colours on request) |
| Finish | Polyester powder coat |
| IP Rating | IP66 |
| IK Rating | IK10 |
| Weight | 8.5kg |

Electrical

| | |
|-------------------------------|--------------------------------------------------------------|
| Driver Options | DALI (fully programmable with Constant Light Output enabled) |
| Drive Current Range | 250mA to 1,050mA |
| Operating Voltage | 220-240V |
| Electrical Class | Class I Class II (on request) |
| Operating Temperatures | -45 °C to +50 °C |
| Rated Lifetime | 100,000 hours (L90 B10) |

Controls

| | |
|------------------------|--------------------------------------------------------------------------------------------------------------|
| Control Options | Photocell Part-night switching Pre-programmed dimming NEMA Zhaga Integral CMS Sensor ready |
|------------------------|--------------------------------------------------------------------------------------------------------------|