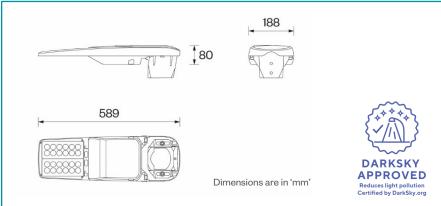


Kirium One





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 direct post (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)

72W (max) Power Efficacy 203lm/W (max)

Number of LEDs 12/24 **Colour Temperatures** 2,700K

3,000K 4,000K >70 CRI

Colour Rendering Index **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, ENEC

Mechanical

Universal Entry (direct post **Mounting Options**

Ø60-76mm / side entry Ø34-

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

Mid grey RAL 7046 Colours

Light grey RAL 7035

Black RAL 9005

(Other RAL colours on request)

Finish Smooth polyester powder coat

IP66 IP Rating **IK08** IK Rating Weight 4.2kg 0.026m2 Windage

Electrical

Driver Options DALI (fully programmable

with Constant Light Output

enabled)

Drive Current Range 250mA to 1050mA Integral 3-hour 12 LED: 750mA max.

> Emergency 24 LED: 800mA max. (750mA with

> > Zhaga/NEMA socket)

Operating Voltage 220-240V

Electrical Class Class I / Class II

-20°C to +40°C (please contact us Operating Temperature Limit

for lifetime information at higher

ambient temperatures)

Rated Lifetime 100,000 hours (L90 B10)

Controls

Control Options

Miniature photocell NEMA photocell

Zhaga presence detector Part night switching Pre-programmed dimming

External CMS **NEMA** socket

Zhaga Book 18 socket