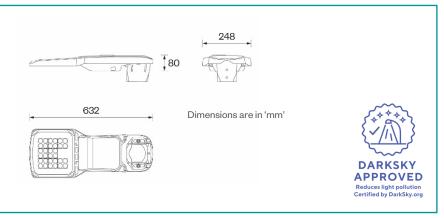


Kirium Pro S1





Sample Specification Text

Kirium Pro S1 street luminaire with 32 LED light engine. Constant light output enabled fully programmable DALI driver operating up to 1050mA. 3,000K colour temperature with Diamond+ A1 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 -40°C to +40°C ambient operating temperatures (higher ambient temperatures available). Class I. Pre-wired.

Performance

Output (luminaire flux)

Power

Efficacy

Number of LEDs **Colour Temperatures**

Colour Consistency

Distributions

DarkSky Approved?

TM66 Score Certifications 14,175lm (max.)

96W (max.) 199lm/W (max.) 16/24/32

2,700K / 3,000K / 4,000K

>70 5 SDCM

Roads - Diamond+ A1/2/3/5/6

Pathways - Diamond+ B1/2/3 Areas - Diamond+ C1/2/6 Crossings - Diamond+ ZR/ZL/ZF

Yes, 2700K and 3000K only at a

fixed tilt of 0°

2.7 (Excellent Circularity) UKCA, CE, ENEC

Electrical

Driver Options DALI (fully programmable

with Constant Light Output

enabled)

250mA to 1050mA **Drive Current Range** 16 LED: 750mA max. Integral 3-hour

> **Emergency** 24 LED: 800ma max. (750mA max. with Zhaga/NEMA)

32 LED: 700mA max.

Operating Voltage 220-240V

Electrical Class Operating Temperature Limit Class I (Class II on request) -40°C to +40°C (please contact us for lifetime information at higher

ambient temperatures) **Rated Lifetime** 100,000 hours (L90 B10)

Mechanical

Universal Entry (direct post **Mounting Options**

Ø60-76mm / side entry Ø34-

60mm)

Tilt Adjustment Post top: -10° to +15° (2.5°

increments)

Side entry: -15° to +10° (2.5°

increments)

Glazing Flat toughened glass Housing Upper: die-cast aluminium

Lower: die-cast aluminium /

UV-stabilised polycarbonate

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 5.5kg 0.053m2 Windage

Controls

Control Options

Miniature photocell NEMA photocell

Zhaga presence detector Part night switching

Pre-programmed dimming

External CMS **NEMA** socket

Zhaga Book 18 socket