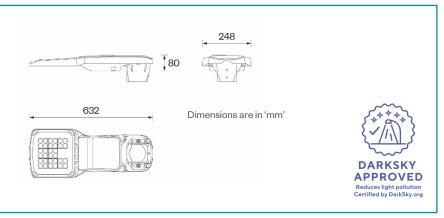


# Kirium Pro S1





#### 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