

Karl Johan



A heritage icon.

Popular throughout the south west, the Karl Johan can support both a round and teardrop bowl in both large and small sizes.

Key advantages

- Unique aesthetic designs integrate into local towns, maintaining ambience and identity
- Low energy consumption, paired with long term performance
- Mounting solutions can be tailored to your project with a wide range of columns and brackets available
- Customise your design by choosing bowls or adding embellishments to further align with your local identity



IP 66

IK 08



URBAN & RESIDENTIAL STREETS



BIKE & PEDESTRIAN PATHS



SQUARES & PEDESTRIAN AREAS



CAR PARKS



BRIDGES



RAILWAY STATIONS & METROS

GENERAL INFORMATION

Recommended installation height	5m to 8m
Driver included	Yes
CE mark	Yes
ENEC certified	No
ROHS compliant	Yes
Testing standards	LM 79-08 (all measurements in ISO17025 accredited laboratory)

HOUSING AND FINISH

Housing	Aluminium
Optic	PMMA
Protector	Polycarbonate
Housing finish	Polyester powder coating
Standard Colour	RAL9005 (Black) (Any RAL colour on request)
Tightness level	Optic - IP 66 Gear - IP 44
Impact resistance	IK 08

OPERATING CONDITIONS

Operating temperature range (Ta)	-40°C to +55 °C @350mA
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ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	220-240V - 50-60Hz
Surge protection options (kV)	10
Electromagnetic compatibility (EMC)	EN 61547 / EN 61000-4-2, -3, -4, -5, -6, -8, -11
Control protocol(s)	DALI
Control options	Custom dimming profile, Photocell, Remote management
Associated control systems	On Request

OPTICAL INFORMATION

LED colour temperature	3000k (Warm White 730) 4000k (Neutral White 740)
Colour rendering index (CRI)	>70 (Warm White 730) >70 (Neutral White 740)
Upward light output ratio (ULOR)	TBC

LIFETIME OF THE LEDS @ TQ 25°C

All configurations	TBC
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DIMENSIONS AND MOUNTING

AxBxC (mm)	Small - 525x525x773 Large - 600x600x845
Weight (kg)	Small - 6.6 Large - 7.5
Mounting possibilities	Suspended 1 1/4" BSP

