

Camaro

New and improved:
2nd generation light engine



Camaro

The new improved Camaro now with an enhanced streamlined low profile and LUXEON TX LEDs, offers flexible optical, drive and control options. Camaro is well suited to road, residential and public realm lighting applications.



Key advantages

- Circular, architectural low-profile luminaire
- Range of complementary bracket options designed specifically for Camaro
- Class leading efficacy, up to 121lm/W
- Lumen output 1700lm to 10000lm (17W to 100W)
- Range of optical solutions including, Residential, Road and M class optics
- Zero upward light

Applications

 Car parks

 Road

 Residential

 Public realm

Case Study

Project:

Swindon Cycle Path

Brief:

With an interest in saving energy costs and upgrading to LED, Swindon Borough Council also required a modern luminaire aesthetic. The Camaro was selected due to its low profile and attractive circular shape.

Client:

Swindon Borough Council

For detailed case studies please visit: dwwindsor.com



Flexible Mounting Options

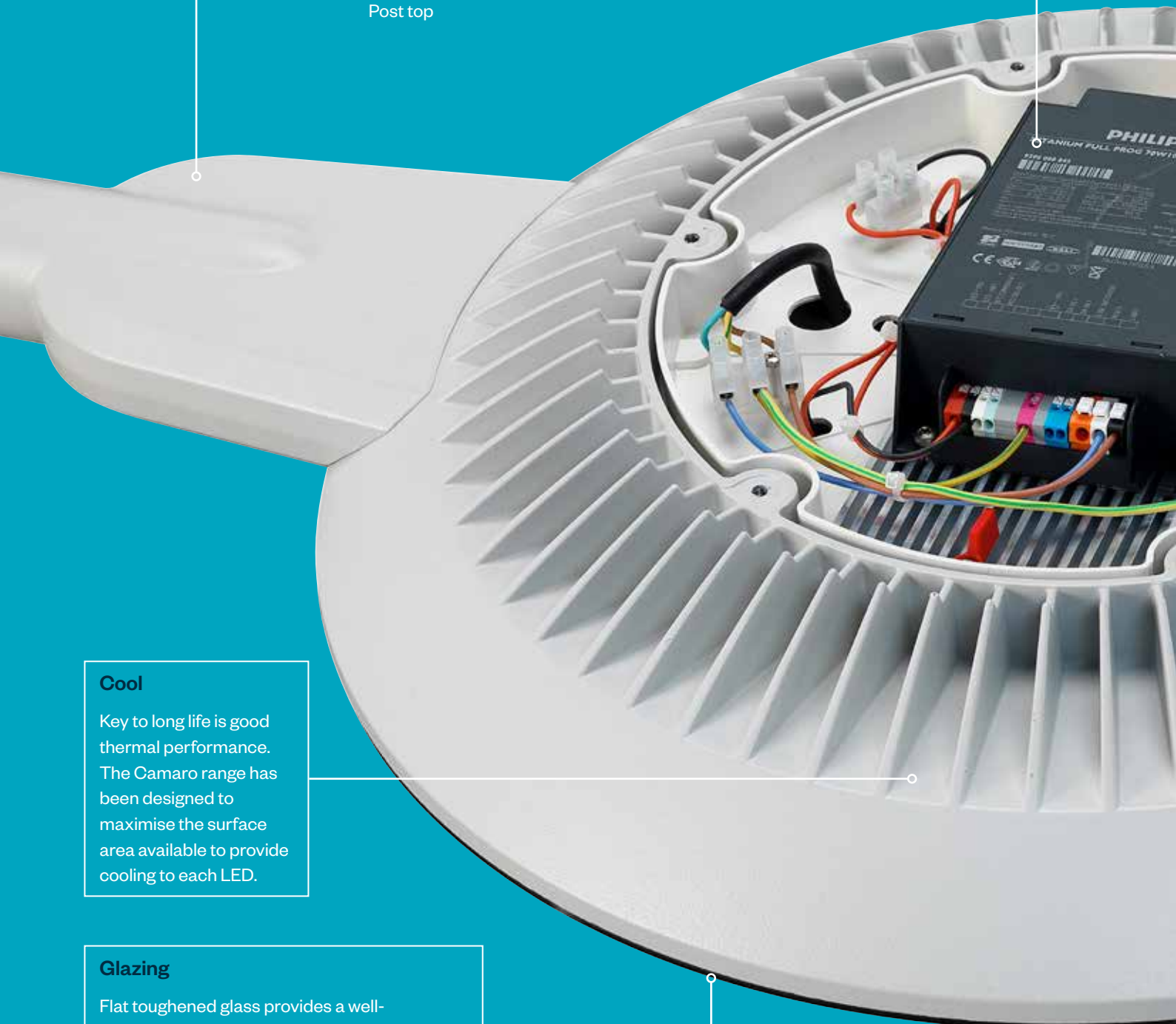
Post top [60-76mm Ø] or side entry [34-42mm Ø]



Post top

Control

With a wide range of drive current options and programming features, the Camaro can be tailored specifically for each project



Cool

Key to long life is good thermal performance. The Camaro range has been designed to maximise the surface area available to provide cooling to each LED.

Glazing

Flat toughened glass provides a well-engineered low glare solution with sharp light cut off. A polycarbonate glazing option provides increased robustness, achieving an IK10 rating

The Camaro product range not only provides a refreshing change to the standard rectangular luminaire shapes, it also comes packed with innovative design features.

High quality sustainable design

High pressure die cast aluminium parts can be fully recycled at the end of life

Future-proof and easy maintenance

Innovative gear tray provides flexibility for future technology upgrades. The tool-less gear tray also provides quick and simple on site access to the key components

Performance

High performance LUXEON TX LED modules providing high efficacy while the optical grade plastic reflectors maximise light output

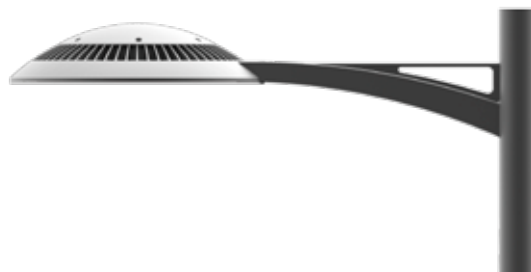


Bracket options and inspiration

A range of bespoke options are available to enhance the Camaro product range



Camaro Bracket C1



Camaro Bracket C2

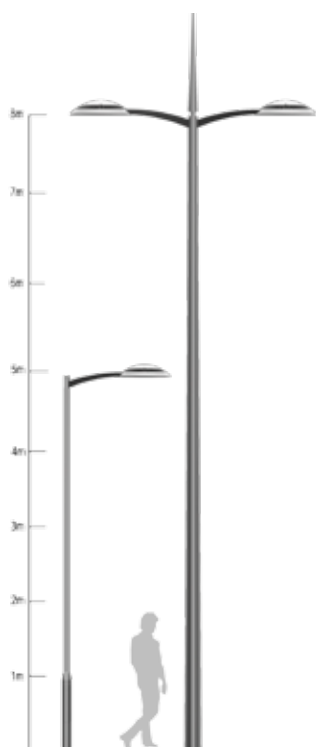


Camaro Bracket C3



Camaro Bracket C4

Suggested column / bracket options



Decorative Arc bracket (double arm)

Decorative Arc bracket (single arm)

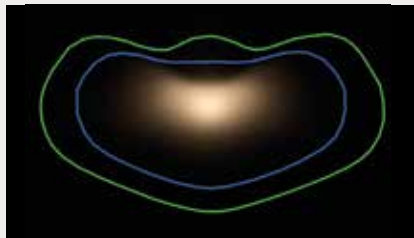
Options

Total Luminaire Lumen Output Range

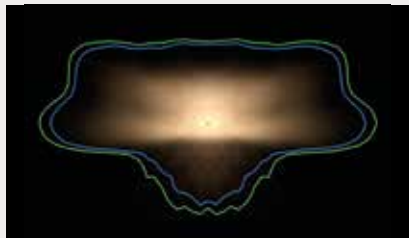
	Drive Current	Total Luminaire Wattage	3000K	4000K
Camaro 1 (15 LEDs)	350, 500, 700, 1000mA	7W – 15W	1700 – 4300lm	2000 – 5300lm
Camaro 2 (30 LEDs)	350, 500, 700, 1000mA	35W – 100W	3400 – 8200lm	4200 – 10000lm

Optical distribution

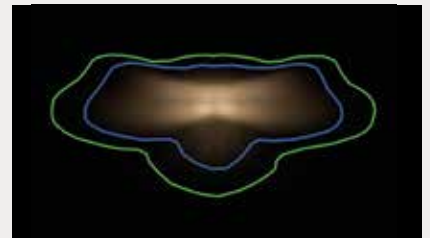
Road



Residential



M Class



Mounting



Post top finished in RAL 7046 Grey



Side entry finished in RAL 7035 Light Grey

Camaro

IP66 | IK08 | CLASS I

Features:

- New and improved, now featuring LUXEON TX LEDs
- Contemporary, low-profile luminaire
- Five distributions
- Lumen output: 17-100W (2,000 to 10,000lm)
- Flexible optical, drive and control options for tailored luminaire performance
- Full cut off luminaire for zero upward light
- Optional polycarbonate glazing for superior impact resistance (IK10)

Options (Wall or column mounted):

Camaro 2 (30 LEDs) For mounting at 8-10 metres

Camaro 1 (15 LEDs) For mounting at 6-8 metres

Optical control:

Road

Residential

M-Class

Footpath

Area

Light Source:

LEDs: LUXEON TX

L70 lifetime prediction:

In excess of 100,000 hours

Colour temperature:

4000K (neutral white) or 3000K (warm white)

Colour rendering index:

>70Ra (4000K)

>80Ra (3000K)

Drive current:

350, 500, 700 & 1000mA options available

Upward light output ratio (ULOR):

0% (at 0° inclination)

Mounting:

Post top [60-76mm Ø] or side entry [34, 42mm Ø]

Switching and control:

Switch: On/off through conventional PEC or Nema

Dim: Factory set dimmed / customer specified dimming

CMS: Compatible with all available CMS systems

Colours:

RAL 9005 Black

RAL 7046 Grey

RAL 7035 Light Grey

RAL 9016 White

Other RAL colours available on special request

Materials:

Body: High pressure die cast aluminium

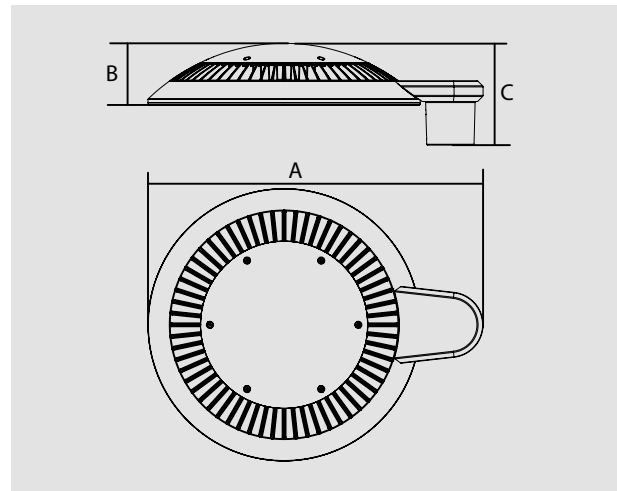
Glazing: Toughened glass/polycarbonate

Seals: Silicone

Finish: Fine texture polyester powder coat

Installation and maintenance:

Supplied with various cable tail options



	Dimensions (mm)			Weight (kg)	Windage m ²
	A	B	C		
Camaro	500	118	195	10.5	0.55

Camaro

Due to continuous product development the details within this brochure are subject to change at any time, please contact us for the most up-to-date information or visit: www.dwwindsor.com

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