

OPUS COLUMN SMALL - Ref: EX2 / 3 – External Car Park

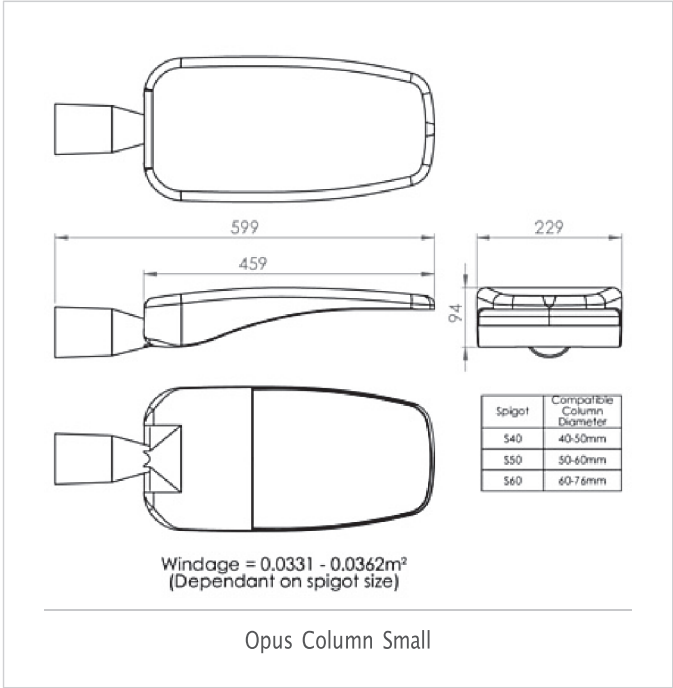


INTRODUCTION

The Opus Column Small Sensor compliments the standard Opus Column range with a smaller housing offering up to 7,000 lumen output. The Opus Column Small Sensor incorporates the same features as the larger product range such as an adjustable spigot allowing for vertical or horizontal mounting, an optional NEMA socket and an automatic disconnect feature when accessing the control gear housing and prewired 10M lead for quick and simple installation and is manufactured with a marine grade paint finish to ensure durability in harsh environments.

The Opus Column Small is available with two different lens options, wide and open area and lumen outputs ranging from 4,400 up to 7,000. We offer a range of wireless control systems providing localised grouping and control as well as comprehensive wireless solutions allowing both standard and emergency luminaires to be centrally monitored.

OPUS COLUMN SMALL – TECHNICAL



LUMINAIRE CODES

Code	Description	Power	Llm/W
OPUCSL L44 OA	Opus Column Small, 3,661lm, Open Area, Colour 74	25.6W	143
OPUCSL L44 W	Opus Column Small, 3,819lm, Wide, Colour 74	25.6W	149

SPIGOT

Code	Description
S60	60-76mm Spigot
OPUC WB	Opus Column Wall Mount Bracket

MISCELLANEOUS

Code	Description
C**	C727, C73

QUOTE PART CODES

- > EX2-OPUCSL L44 OA & OPUC WB (WALL MOUNT BRACKET)
- > EX3- OPUCSL L44 W
- > EX4-OPUCSL L44 OA

AMENITY EXTERIOR EYELID - Ref: EX6 – Exterior Wall Mounted



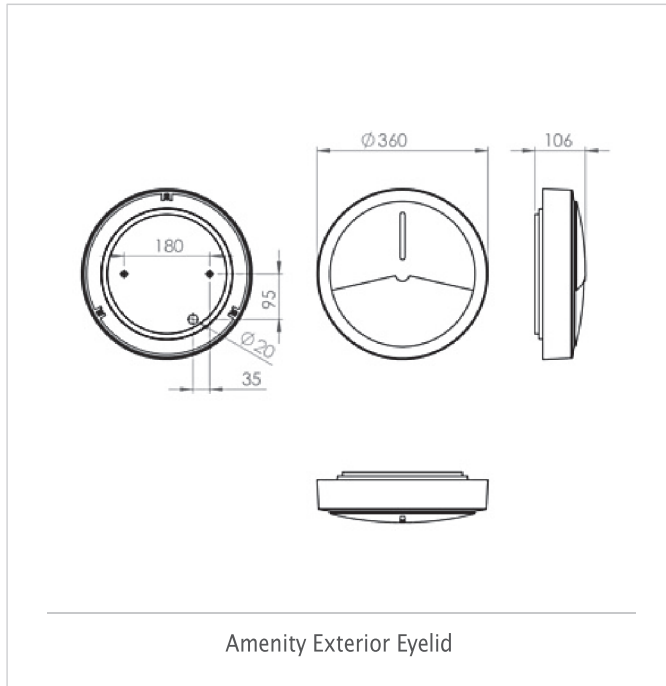
INTRODUCTION

The Amenity Exterior Eyelid is manufactured with a tough and durable die cast aluminium housing and injection moulded polycarbonate diffuser that is suited a wide range of internal and external applications whilst maintaining an attractive and modern appearance in three colour options. With 800 and 1600 lumen outputs, integral lithium emergency and a wide range of dimming types the Amenity Exterior is easily specified to suit a wide range of applications.

The Amenity Exterior includes premium mid power LEDs offering excellent efficiency and longevity with a lifetime of L90 at 60,000 operating hours. Energy savings can be further enhanced with a selection of integral presence detection and bright out microwave sensors including on / off, bi level dimming and wireless variants allowing luminaires to be grouped for simultaneous operation.

UK CA	CE	IP65	IK08	TM21: L90>60K HOURS / L80>100K HOURS	3 STEP MACADAM ELLIPSE	TM66 CEAM Score: 2.5
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AMENITY EXTERIOR - EYELID - TECHNICAL



AMENITY EXTERIOR – EYELID – ORDER CODES

LUMINAIRE CODES

Code	Description	Power	Llm/W
AMEX L16 EB	Amenity Exterior, 930llm, Eyelid, Black Opal, Colour 84.	9.6W	97

DIMMING

Code	Description
A	DALI Digital Addressable Lighting Interface

EMERGENCY

Code	Description
LA3	Lithium Autotest Emergency 3 Hour

OPUS WALLPACK – EX7



The Opus Wallpack combines a modern and minimalist design with a durable and robust construction providing both IP65 ingress protection and IK10 impact resistance. With a lensed optical design the Opus Wallpack is designed to maximise spacings between luminaires whilst minimising light pollution. With less than 2.5 percent upward light distribution the Opus Wallpack is suitable for use in a wide range of Environmental Zones where control of nuisance glare is critical.

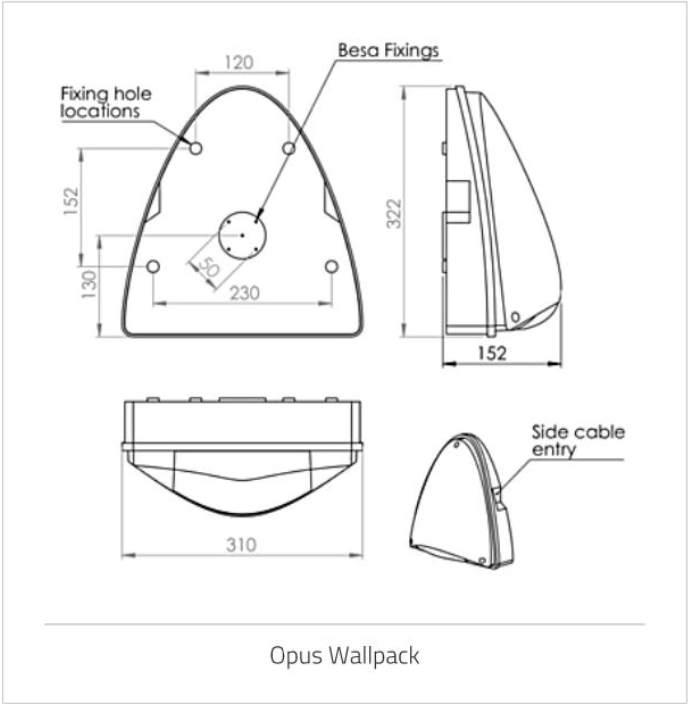
The Opus Wallpack comes with two lens variants, a broad asymmetric distribution allowing maximum luminaire spacing in walkways alongside buildings, and an open area version with greater forward throw suited to car parks and loading bay applications.

The Opus Wallpack is manufactured with a high pressure die cast aluminium housing and injection moulded polycarbonate cover, powder painted with a salt spray tested external paint finish in either RAL 9006 grey or matt black. With a wide range of options available, the Opus Wallpack can be specified in numerous different lumen outputs up to 5000 lumens, two lens option, lithium emergency and dimming variants and a variety of controls including microwave presence detection, integral photocell for dusk to dawn operation and wireless connectivity for use with our Reacta-Link Wireless system.

This performance and flexibility combines with simplistic and flexible installation with options for side and rear cable entry, and conduit and BESA box installation. We offer a range of wireless control systems providing localised grouping and control as well as comprehensive wireless solutions allowing both standard and emergency luminaires to be centrally monitored.

UK CA	CE	IP65	IK10	TM21: L90>80K HOURS	3 STEP MACADAM ELLIPSE	TM66 CEAM Score: 2.5
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Opus Wallpack - TECHNICAL



Opus Wallpack - ORDER CODES

LUMINAIRE CODES

Code	Description	Power	Llm/W
OPUWP L15 AS	Opus Wallpack, Grey, 1,213lm, Asymmetric, Colour 74	10.8W	112

DIMMING

Code	Description
A	DALI Digital Addressable Lighting Interface

EMERGENCY

Code	Description
LA3	Lithium Autotest Emergency 3 Hour

MISCELLANEOUS

Code	Description
C**	C727, C73
BL	Black Finish

OPUS BOLLARD – EX8

Opus Bollard

Ref: EX8



INTRODUCTION

The Opus Bollard has been developed from the ground up to allow us to offer a unique pathway and open area lighting solution. With a simple internal switch the distribution of the luminaire can be selected between either an asymmetric pathway or 360° open area distribution, simplifying product specification and ordering whilst ensuring that your application can be lit effectively with a minimum of energy. Our custom lens design ensures that spacings of up to 9M in open area and 8M in pathway applications can be achieved, whilst maintaining a ULOR below 2.5% for dark sky compliance. Installation is achieved either by bolting the base directly to the ground or through a ground anchor kit and after installation the bollard can be rotated by up to 30° to ensure accurate alignment with pathways. The installation of the Opus Bollard is further simplified with an internal IP66 control gear housing with plug and socket connectors. These installation features combine with a range of control gear options including DALI and integral emergency with lithium batteries for extended warranty and lifetime. The Opus bollard is also available with a selection of sensor and wireless options including microwave presence detection, integral photocell and compatibility with our wireless control systems, these features ensure that energy savings can be maximised, light pollution is minimised and maintenance can be simplified with automated emergency testing and reporting.

This versatility combines with a robust design to ensure the Opus Bollard can withstand the challenges of an external environment with both an IP66 ingress protection rating and IK10 impact rating with an exterior grade paint finish in either black RAL9005 or grey RAL9006. The housing consists of an extruded aluminium base, injection moulded polycarbonate diffuser and die cast aluminium top cap to ensure a high quality and resilient finish.

The Opus Bollard has been designed to use components sourced from the UK and Europe wherever possible to minimise transportation miles whilst the aluminium extrusion is manufactured from 80% recycled content to reduce embodied carbon.

UK
CA

CE

IP66

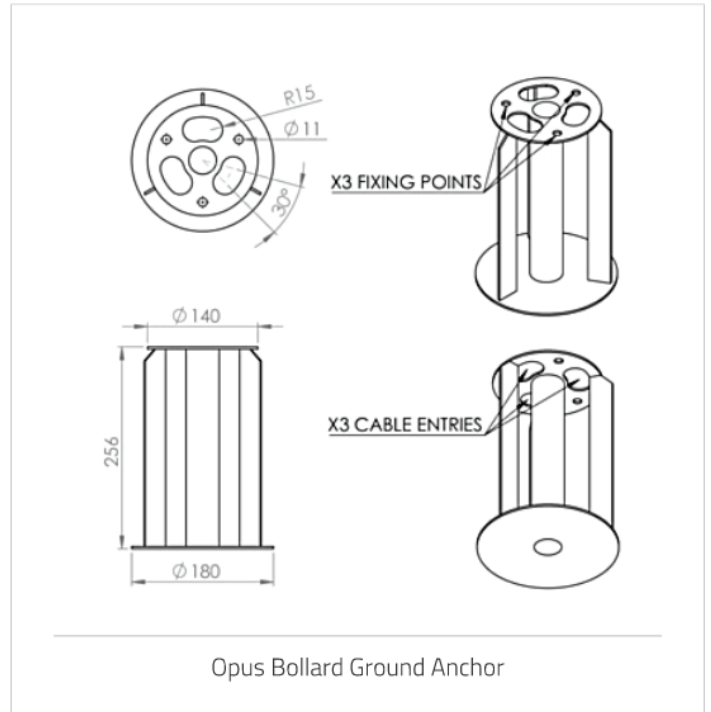
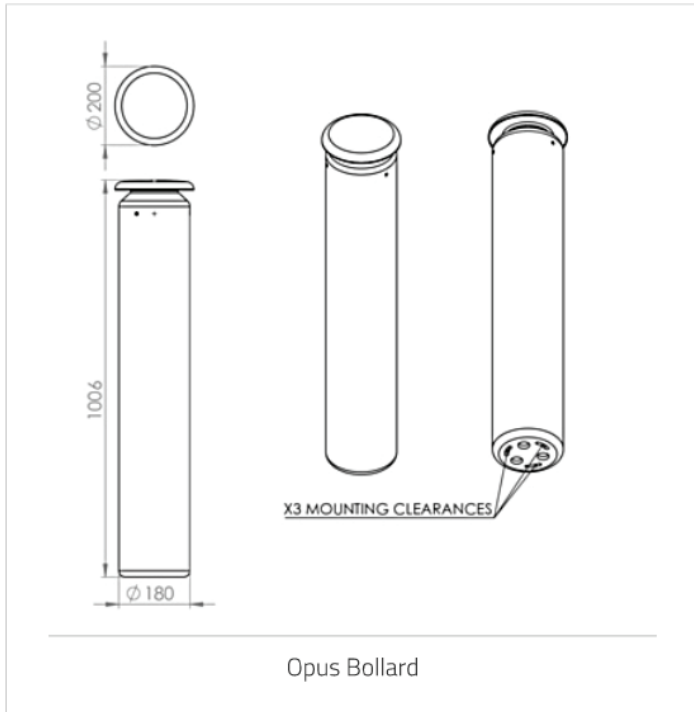
IK10

TM21: L90>80K HOURS

3 STEP MACADAM ELLIPSE

TM66 CEAM Score: 2.6

Opus Bollard - TECHNICAL



Opus Bollard - ORDER CODES

LUMINAIRE CODES

Code	Description	Power	Llm/W
OPUB L30 BL	Opus Bollard Black, 1,603llm, Colour 84	18.0W	89

DIMMING

Code	Description
A	DALI Digital Addressable Lighting Interface

EMERGENCY

Code	Description
LA3	Lithium Autotest Emergency 3 Hour

MISCELLANEOUS

Code	Description
C83	Colour 83