

PRODUCT SPECIFICATION

OPUS COLUMN





OPUS COLUMN **Product Specification**



INTRODUCTION

The Opus Column combines a robust die cast aluminium housing, glass diffuser and marine grade paint finish with an attractive contoured housing ensuring it can be used in arduous applications without compromising aesthetic appeal. These features do not compromise practicality, the Opus Column incorporates an adjustable spigot allowing for vertical or horizontal mounting adjustable in five degree increments, the control gear department includes an automatic disconnect feature allowing individual luminaires to be serviced without the need to isolate entire circuits and the luminaire is also supplied complete with a ten metre prewired lead for quick and simple connection at the column base.

An optional NEMA socket allows for integration of a photocell for use for dusk to dawn operation. This versatility is further enhanced with two lens options, open area or wide and lumen outputs ranging from 4,400 up to 25,000 as well as optional integral lithium emergency and wireless control options where central web based control and reporting of luminaires is required. 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.





IP65

TM21: L90>80K HOURS

3 STEP MACADAM ELLIPSE

OPUS COLUMN - APPLICATION

- > Commercial / Offices
- > Education
- > Exterior
- > Healthcare / Social Housing
- > Hotel / Leisure
- > Industrial / Manufacturing
- > Parking / Exterior
- > Retail
- > Transport

OPUS COLUMN - SPECIFICATION

CONSTRUCTION

- > Housing: High pressure die cast aluminium
- > Finish: Polyester powder painted RAL 9006 matt grey
- > Finish: Polyester powder painted RAL 9005 matt black
- > Finish: Manufactured with a marine grade paint finish to ensure durability in harsh environments.
- > Diffuser: 5mm toughened glass
- > Lens: Injection moulded polycarbonate lens
- > IP65

PERFORMANCE

- > Part L2 compliant
- > 3SDCM Three step Macadams ellipse
- > TM21: L90 at >80,000 Operating Hours
- > Up to 160 luminaire lumens per circuit Watt.

ENVIRONMENTAL

- > Designed to allow simple replacement of components with commonly available tools in compliance with the Eco Design Directive, please see the installation leaflet for maintenance instructions.
- > Powered by European branded drivers and emergency modules ensuring replacement parts are easily sourced.
- > Every luminaire is labelled with a unique ID number allowing easy identification of spare parts for the lifetime of the product.
- Contains no single use plastics or polystyrene packaging.
- Supplied in plain card boxes with paper tape ensuring packaging is easily recycled.

- Designed to allow simple disassembly for end of life recycling.
- > UK based manufacturing providing local support throughout the product lifetime and minimising transportation miles.

EMERGENCY

- > Available with optional standard, self test and autotest integral emergency with lithium batteries for extended warranty and lifetime.
- > Optional Reacta-Link wireless emergency for automated centralised reporting.
- > Optional Reacta-Control wireless emergency for automated centralised reporting.

CONTROL

- > Optional integral Reacta-Link for integration with Reacta-Link wireless installations
- > Optional integral Reacta-Control for integration with Reacta-Control wireless installations

INSTALLATION

- > Suitable for column installation, please specify spigot size required.
- > Available with 40-50mm, 50-60mm or 60-76mm spigot
- > Supplied with 10M prewired lead

VARIATIONS

- > Available with a wide range of colour temperatures and renderings
- Available in a range of lumen outputs
- Available in grey or black finishes

OPUS COLUMN - IMAGES



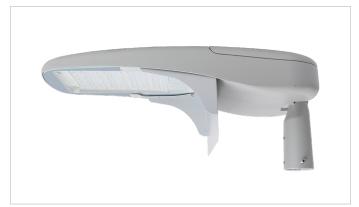
Opus Column



Opus Column Vertical Spigot



Opus Column Black



Opus Column Rear Baffles



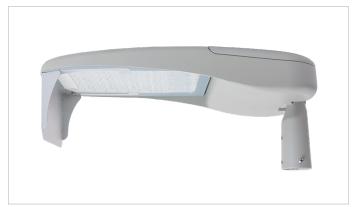
Opus Column Wall Mount



Opus Column Vertical Spigot



Opus Column Photocell



Opus Column Front Baffle



Opus Column Both Baffle



An office using the Opus Column



An NHS Trust using the Opus Column in Black



An NHS Trust using the Opus Column in Black



An NHS Trust using the Opus Column in Black

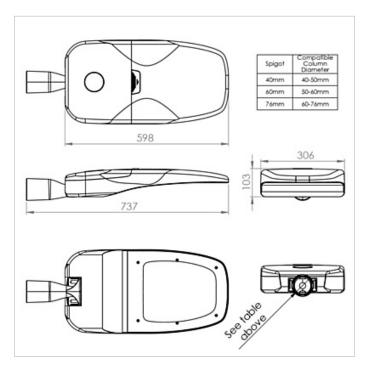


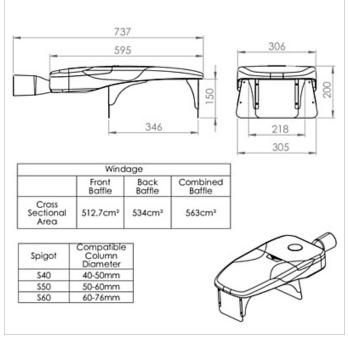
An NHS Trust using the Opus Column in Black



An NHS Trust using the Opus Column in Black

OPUS COLUMN - TECHNICAL





Opus Column Opus Column with Baffle

OPUS COLUMN - WARRANTY

At Dextra our commitment to service has been at the forefront throughout our history spanning more than forty years in the UK lighting market. Our service ethos extends beyond design and delivery, we believe supporting your installation throughout the warranty period is equally crucial, whilst the strength and longevity of Dextra Group provides peace of mind that our warranty will be supported throughout.

The Dextra range is supplied with a five year warranty commencing from the date of delivery. During the first three years defects will be repaired on site and the warranty will include both parts and labour. For the final two years drivers, emergency modules, wireless modules, sensors and LED circuits will be supplied free of charge to replace defective components, labour and other associated costs are not included.

Certain ranges and components are subject to exemptions:

- Lithium batteries are provided with a five year warranty. During the first three years defects will be repaired on site and the warranty will include both parts and labour. For the final two years replacement batteries will be supplied free of charge to replace defective components. Five year warranty became effective as of 03/02/25, Lithium emergency luminaires supplied prior to this date are supported with a three year on site warranty only. Labour and other associated costs are not included. Nickel Metal Hydride and Nickel Cadmium batteries are provided with a one year warranty for parts and labour.
- Emergency luminaires including AME LED, EXI LED, EXI3, EXI Track, HBE LED, HBE3, OAT2 LED, OEZ2 and Twinspot are supplied with a one year warranty for parts and labour. Lithium variants suffixed with the 5YR part code, the Autotest emergency with the LA3 part code and wireless variants with LA3RC or LSTR part codes are supplied with a five year warranty. For these extended warranty variants for the first three years defects will be repaired on site and the warranty will include both parts and labour. For the final two years replacement batteries will be supplied free of charge to replace defective components.
- Protec Micro, PTECF7 Fire Rated Downlights, Serenus and the Opus Sconce are provided with a five year replacement luminaire only warranty. Protec FR Fire Rated Downlights are provided with a 2 year replacement luminaire only warranty.
- Controls systems such as standalone sensors, switches, marshalling boxes and cabling are provided with a one year warranty for both parts and labour. DALI control systems are provided with a two year warranty for both parts and labour.
- LEDextra ranges are supplied with a three year parts or replacement luminaire only warranty with the exception of the IMPR RGBW, the Runway RBGW, the MOD RGBW, Tanek RGBW and the DexRing. These five ranges are supplied with our standard five year warranty during which defects within the first three years will be repaired on site and the warranty includes both parts and labour. For the final two years free of charge replacement components only will be supplied to rectify any failures but labour and other associated costs are not included.
- LEDEX ranges are supplied with a three year replacement luminaire only warranty.

• The Decorative Pendant ranges, Bebo, Dene, Nova, Fino and Stix are supplied with a 3 year replacement luminaire only warranty.

All warranties are subject to correct use of the product and will be invalidated by misuse, for example incorrect installation, unsuitable environmental conditions or incorrect maintenance. It is the duty of the customer to ensure that all the fault lies with the luminaire prior to requesting replacement parts or site repairs. In the event that no defect is found with the product our costs for attending site will be recharged to the customer and credit will not be issued against returned products. No consequential losses incurred resulting from any defect with our product will be reimbursed.

Given the nature of LED technology a small percentage of LEDs may fail during the lifetime of a luminaire, this does not cause a reduction in lumen output. As such LED luminaires are only deemed to be faulty for warranty purposes when in excess of ten percent of LEDs have failed in a single luminaire.

On site repair of products under warranty will be undertaken during normal working hours, 9am to 5pm Monday to Friday, and will require unrestricted access to luminaires. Where required Dextra will provide access equipment to carry out repairs at height, should luminaires have been installed in locations where reasonable provision for maintenance access has not been made we reserve the right to supply replacement product only. On site warranty repairs will only be undertaken on the mainland of the UK and Ireland, in all other locations replacement product only will be provided.

If you require any assistance with regards to our products please contact our Customer Services department on 01747 858100.

OPUS COLUMN - ORDER CODES

LUMINAIRE CODES

Code	Description	Power	Llm/W
OPUCL L44 OA	Opus Column, 3,753llm, Open Area, Colour 74	25.1W	149
OPUCL L60 OA	Opus Column, 5,118llm, Open Area, Colour 74	33.8W	151
OPUCL L70 OA	Opus Column, 5,974llm, Open Area, Colour 74	41.1W	145
OPUCL L102 OA	Opus Column, 8,578llm, Open Area, Colour 74	56.4W	152
OPUCL L133 OA	Opus Column, 11,185llm, Open Area, Colour 74	74.6W	150
OPUCL L200 OA	Opus Column, 17,520llm, Open Area, Colour 74	114.5W	121
OPUCL L250 OA	Opus Column, 21,901llm, Open Area, Colour 74	150.7W	145
OPUCL L44 W	Opus Column, 3,934llm, Wide, Colour 74	25.1W	157
OPUCL L60 W	Opus Column, 5,364llm, Wide, Colour 74	33.8W	159
OPUCL L70 W	Opus Column, 6,256llm, Wide, Colour 74	41.1W	152
OPUCL L102 W	Opus Column, 8,986llm, Wide, Colour 74	56.4W	159
OPUCL L133 W	Opus Column, 11,718llm, Wide, Colour 74	74.6W	157
OPUCL L200 W	Opus Column, 17,160llm, Wide, Colour 74	114.5W	150
OPUCL L250 W	Opus Column, 21,454llm, Wide, Colour 74	150.7W	142

CONTROL

Code	Description
NEM	NEMA Socket
PH	Photocell

SPIGOT

Code	Description
540	40-50mm Spigot
S50	50-60mm Spigot
S60	60-76mm Spigot
OPUC WB	Opus Column Wall Mount Bracket
Dlazca chacify chigat	ciza when ordaring

Please specify spigot size when ordering.

Please order luminaire less spigot when purchasing the wall mount bracket option.

EMERGENCY

Code	Description
LE3	Lithium Standard Emergency 3 Hour
LS3	Lithium Selftest Emergency 3 Hour

Emergency luminaires are supplied with a single permanent live connection and must be specified complete with photocell to turn the luminaire off during daylight hours. Emergency only available in L200 and lower variants.

MISCELLANEOUS

Code	Description
C**	C727, C73
BL	Black Finish
OPUCL BAFFLE REAR GY	Opus Column Baffle, Rear, Grey
OPUCL BAFFLE FRONT GY	Opus Column Baffle, Front, Grey
OPUCL BAFFLE BOTH GY	Opus Column Baffle, Front & Rear, Grey

Opus Column Installation



220-240V / 50-60Hz **IP65** IK09

Terminal Labelling:

4

DA/AT3 DA/AT3 Dimming -/D1/DA +/D2/DA

Switched Live Earth Neutral Unswitched Live DALI Autotest DALI Autotest

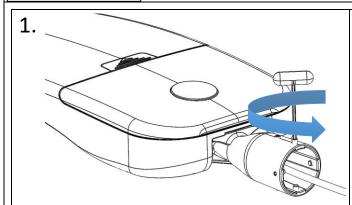
Analogue/DSI/DALI Analogue/DSI/DALI Switch Dim / Corridor Function



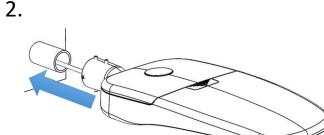




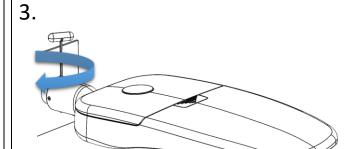
WARNING: Luminaire must be earthed. Risk of electric shock from LED boards if operated with cover removed. Installation / operation outside of luminaires intended scope invalidates warranty. Suitable only for domestic / light industrial / industrial applications within the scope of EN55015. Tested to compliance with BSEN 60598; specification for general requirements and tests. Must be installed by a suitably qualified person in accordance with all relevant legislation. Ambient operating temperature of 0°C to 25°C. If maximum operating temperature is exceeded luminaire will automatically dim / switch off. Terminal blocks are rated to 16A unless stated otherwise. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person. LUMINAIRES WITH EMERGENCY PACK: When supply is isolated battery output terminals may be live if battery is connected. Isolate mains and battery before servicing. Emergency luminaires require unswitched live connection taken from same phase as switched supply. When unswitched supply is connected status indicator illuminates green, when unswitched supply is disconnected indicator extinguishes and luminaire operates in emergency mode. 24 hour charge period required before undertaking full discharge test. Emergency test sheets provided should be used to record all emergency tests. Batteries should be replaced when 3 hour duration is not met. Excessive switching of permanent live may result in premature battery failure. Battery electrolyte can be harmful to eyes / open wounds, do not puncture, if electrolyte touches skin / eyes flush with water. Do not incinerate batteries.



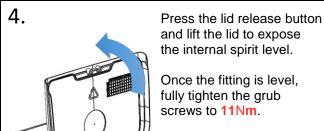
Using a 4mm Allen Key, loosen all the grub screws sufficiently to allow for the column diameter.

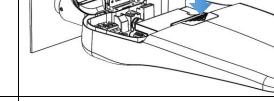


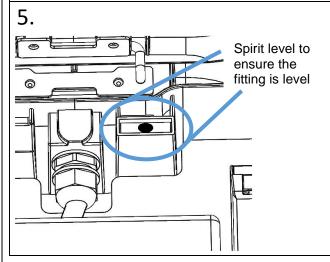
Feed the mains cable into the column and offer the spigot up to the column.



Using the 4mm Allen Key, tighten all the grub screws slightly so the fitting can still rotate.

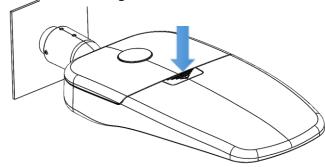






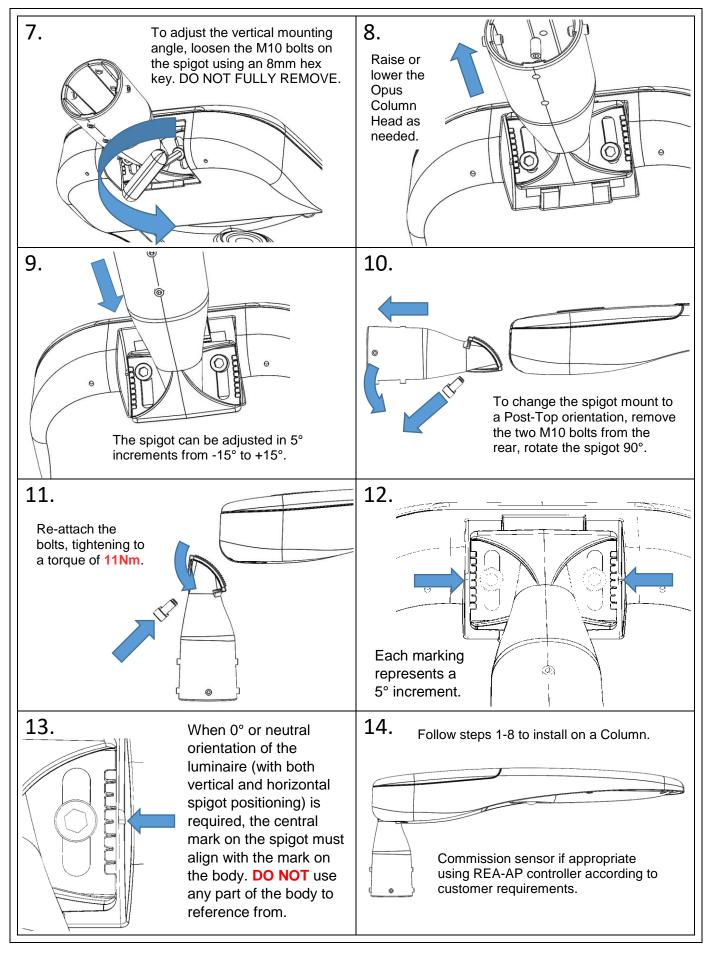
6. To close the lid, apply force to the centre and always check that the lid has been closed properly. The release button should sit flush with

the housing when closed.



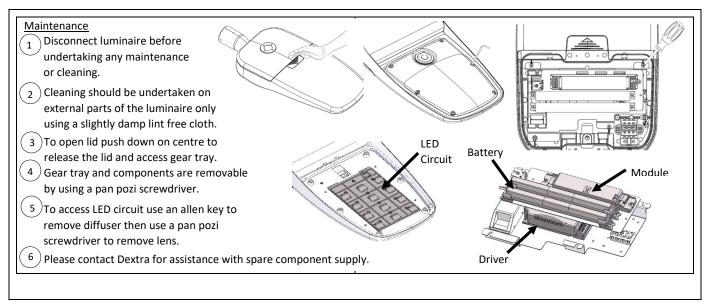
Opus Column Installation





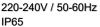
Opus Column Installation





Opus Column Wall Mount Bracket





IK09

Terminal Labelling:

L1 E N Switched Live Earth Neutral

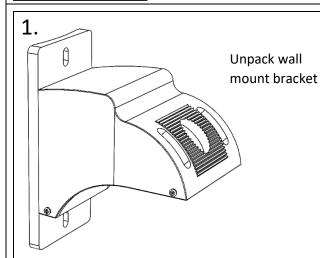
L2 DA/AT3 DA/AT3 Dimming -/D1/DA +/D2/DA Unswitched Live DALI Autotest DALI Autotest

Analogue/DSI/DALI Analogue/DSI/DALI Switch Dim / Corridor Function





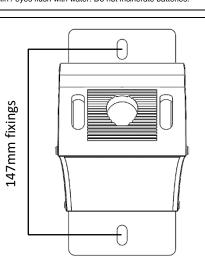
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2.

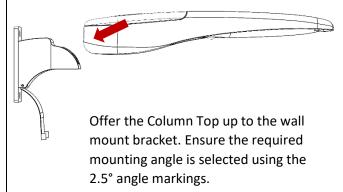
Attach wall mount bracket to selected wall using the holes shown.

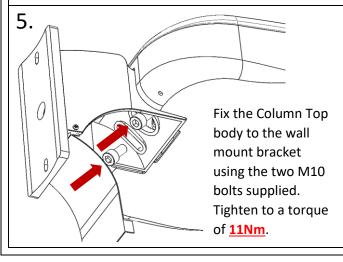
(Fixings not supplied)



Remove two screws from the cover and keep safe. Open the cover to reveal the cable entry and column top mounting points.

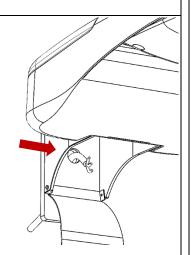
4.





6.

Feed the mains cable through the cable entry. Continue to wire and install the Column Top as per the separate Column Top installation leaflet DIL-0186-0001.



Opus Column Wall Mount Bracket



