



HOLOPHANE®

AcuityBrands.

Expanding the boundaries of lighting™



THE QUEEN'S AWARDS
FOR ENTERPRISE:
INNOVATION
2017



DENVER™
elite system



wall



DENVER™
elite system



denver™ elite wall

REGISTERED EUROPEAN DESIGN



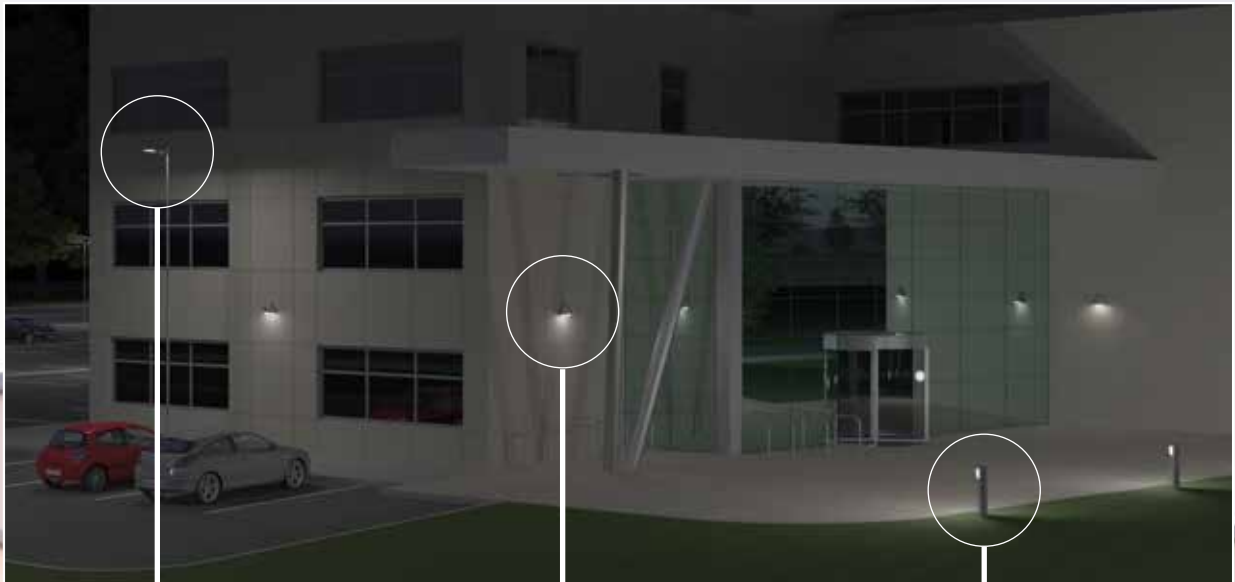
DENVER™ elite system



The **Denver™ Elite Pole** exterior lighting luminaire joins the popular 'Denver™ Elite' family of lighting products. This family of products shares the same registered form to give designers flexibility in exterior lighting schemes.

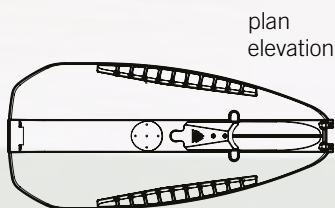


View the animated version at www.holophane.co.uk/denverelitefamilyanimation



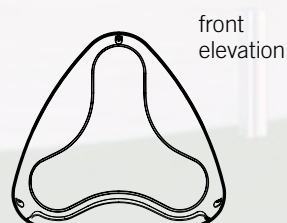
Denver™ Elite Pole

A fusion of contemporary styling and dynamic design, developed with the latest technology. The Denver™ Elite Pole completes the family range of luminaires.



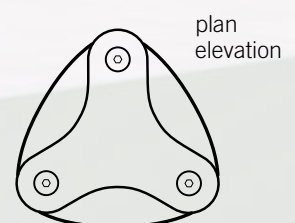
Denver™ Elite Wall

The design keeps the trilobular profile associated with the Denver™ Elite family and is a progression of everything learnt from our existing wall mounted products whilst taking new technologies and environmental issues into consideration.

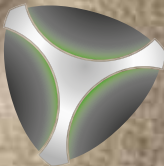


Denver™ Elite Bollard

Combines a palette of design variables, which deliver aesthetic appeal, quality, durability and performance. The Denver™ Elite bollard is a modern aesthetic design that incorporates LED technology.



DENVER™
elite system



wall

A modern aesthetic design that
incorporates LED technology

denver™ elite wall



The **Denver™ Elite Wall** combines aesthetic appeal, quality, durability and performance.

The Denver™ Elite wall is a modern aesthetic design that incorporates LED technology. With its stylised design and prismatic glass optic, providing a high performance asymmetric distribution, with wide spacings and high efficiency. This makes the Denver™ Elite Wall an industry leading wall mount product.

The design keeps the trilobular profile associated with the Denver™ Elite family and is a progression of everything we've learnt from our existing wall mounted products whilst taking new technologies and environmental issues into consideration.

optics / light source

> 1000 - 3000 lumen package LED options

approvals

IP65
EN60598
CE

For further information please visit the Holophane website
www.holophane.co.uk



typical luminaire performance

| Configuration | Delivered Lumens† | Power Consumption | Drive Current | Rated Life of LED Module (L70B50 @Tq 20°C)* |
|---------------|-------------------|-------------------|---------------|---|
| .LA01X | c. 1,000 | 12W | 350mA | 100,000 hours |
| .LA02X | c. 2,000 | 24W | 700mA | 100,000 hours |
| .LM014 | c. 1,000 | 17W | 350mA | 73,000 hours |
| .LM024 | c. 2,000 | 22W | 500mA | 75,000 hours |
| .LM034 | c. 3,000 | 31W | 700mA | 70,000 hours |

Note: Data is correct at time of print.

* For other life metric data in line with IEC PAS62722-2-1 and 62717 contact your Holophane Representative for details.

† Based on the average of all the optical distribution options.



REGISTERED EUROPEAN DESIGN



External ribs on the housing to allow air flow and ensure cool running of electronic control gear.



Photocell option



Cable 'Knock Out' points allow simple and flexible installation and through wiring.

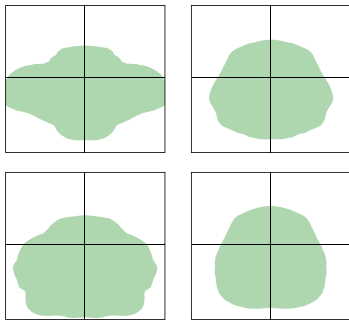
specification

The luminaire shall consist of a high pressure LM6 die-cast aluminium body, with integrated thermal management design. Denver™ Elite Wall incorporates an LED driver suitable for LED technology sources. The optical arrangement consists of an aluminium internal reflector and a prismatic glass lens providing an asymmetric distribution. Three stainless steel screws maintain uniform compression on a closed cell silicon gasket to ensure an IP65 rating at all times. The luminaire shall be suitable for wall mounting with rear, top, side and through wiring options via 20mm Ø knockout cable entry/exit points. Denver™ Elite Wall complies with the requirements of EN60598 with a choice of additional options and accessories.

applications

Frontages, Building Perimeters, Amenity Areas Walkways, Passage Ways, Precincts

light distribution



weight & thermal data

| Lamp Type | Weight (kg) | Min. Operating Temperature (°C) | Max. Ambient Temperature (°C) |
|-----------|-------------|---------------------------------|-------------------------------|
| LA01X | 6.4 | TBC | 40 |
| LA02X | 6.4 | TBC | 40 |
| LM014 | 6.4 | -25 | 40 |
| LM024 | 6.4 | -25 | 40 |
| LM034 | 6.4 | -25 | 40 |

*The maximum ambient temperatures stated are for exterior use only. For interior use deduct 10°C from the temperature stated.

features and benefits

Contemporary styling

- > Unique 'registered' trilobular design giving an aesthetic appeal that complements today's modern architecture and continues the Denver™ Elite family range

High quality construction

- > Durability ensured by a high pressure die cast LM6 aluminium housing and glass optic.
- > The housing is designed to include thermal management features.
- > Designed to IP65 to provide a fully weather sealed rating.

Optional photocell

- > Photocell option discretely designed into the casting to ensure clean aesthetics.

Flexibility during installation

- > A variety of improved cable 'knock-out' points allow simple and flexible installation and through wiring.

Emergency options

- > Available LED.

Low ULOR option available

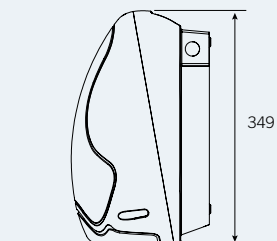
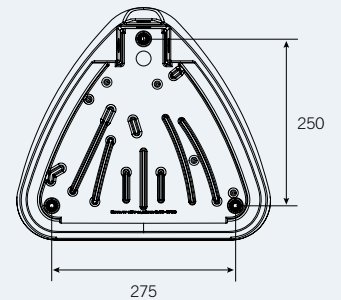
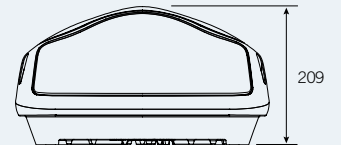
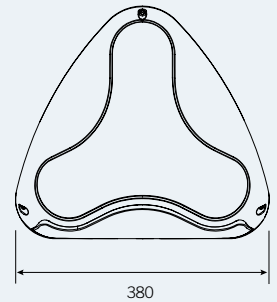
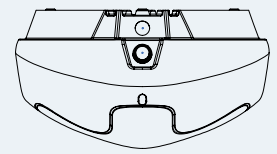
- > LED version has circa <3% ULOR as standard.

Vandal resistant

- > Robust design and construction offering a vandal resistant product.



dimensions in mm




Note: The specifications of the Holophane luminaire and columns represents typical values. All descriptions, illustrations, drawings and specifications in the Holophane catalogue and website represent only general particulars of the goods to which they apply and shall not form part of any contract. The company reserves the right to change specifications at its discretion without prior notification or public announcement.

ordering details

To find out more
please visit
www.holophane.co.uk

Code

DEW Denver™ Elite Wall

| | | | | | | | | | |
|----------------|---|---|------|------|-----|----|----|------|------|
| Code | Lamp Type (required) | | | | | | | | |
| .LA013 | LED light engine producing c.1000 lm with a nominal 3000K colour temperature |  | | | | | | | |
| .LA014 | LED light engine producing c.1000 lm with a nominal 4000°K colour temperature | | | | | | | | |
| .LA023 | LED light engine producing c.2000 lm with a nominal 3000K colour temperature | | | | | | | | |
| .LA024 | LED light engine producing c.2000 lm with a nominal 4000°K colour temperature | | | | | | | | |
| .LM014 | LED light engine producing c.1000 lm with a nominal 4000°K colour temperature | | | | | | | | |
| .LM024 | LED light engine producing c.2000 lm with a nominal 4000°K colour temperature | | | | | | | | |
| .LM034 | LED light engine producing c.3000 lm with a nominal 4000°K colour temperature | | | | | | | | |
| Code | Lens (required) | | | | | | | | |
| .PGL | Prismatic Glass Lens | | | | | | | | |
| .CGL | Clear Glass Lens* | | | | | | | | |
| Code | Distribution (optional) | | | | | | | | |
| .NR | Long and narrow light distribution* | | | | | | | | |
| .AY | Asymmetric light distribution** | | | | | | | | |
| .SY | Symmetrical light distribution*** | | | | | | | | |
| Code | Colour (required) | | | | | | | | |
| .C1 | Smooth White (RAL 9016) | | | | | | | | |
| .C4 | Textured Graphite (RAL 7011) | | | | | | | | |
| .C6 | Smooth Grey (RAL 7035) | | | | | | | | |
| .C7 | Black (RAL 9005) | | | | | | | | |
| .C9 | Metallic Silver (RAL 9006) | | | | | | | | |
| .RAL**** | RAL Colour (customer choice) | | | | | | | | |
| Code | Paint Finish | | | | | | | | |
| .C | Enhanced Paint Finish | | | | | | | | |
| Code | Photocell | | | | | | | | |
| .T | Photocell fitted | | | | | | | | |
| Code | Emergency | | | | | | | | |
| .EM3 | 3hr maintained emergency | | | | | | | | |
| Code | HF Control Gear | | | | | | | | |
| .LRD | DALI Enabled | | | | | | | | |
| Example | DEW | .26PL4 | .PGL | .ULS | .C7 | .C | .T | .EM3 | .LRD |

*Available with .LA014/LA013 and .LA024/LA023 lamp options only. ** Not available with .LMXXX options *** Available with .LM014, .LM024 and .LM034 options only.

Lumen data is considered to be representative of the configuration shown, and may vary, with a tolerance on flux of +/- 7% (typical of LED manufacturers data) and luminaire power of +/- 5%.



luminaire accessories

Code

GL.M20 1 x M20 IP68 plastic gland for cable entry suitable for cables between 6mm - 13mm Ø

Note: For specific LED variant data please contact Holophane for Denver™ Elite Wall LED data sheet



"...with excellent attention to detail and form, the Denver™ Elite Bollard performs extremely well"

LDA judge



bollard

denver™ elite

The Denver™ Elite bollard combines a palette of design variables, which include aesthetic appeal, quality, durability and performance.

The Denver™ Elite bollard is a modern aesthetic design that incorporate LED technology. Despite its stylised design the prismatic optical performance of the bollard is still industry leading offering a choice of distributions. The trilobe design profile with patented decorative light line membrane is a progression of everything we've learnt from our existing bollard whilst taking new technologies and environmental issues into consideration.


The product has been designed to incorporate a heat barrier that enables a 'cool to touch' feature and ensures that the product adheres to BS EN ISO 13732-1. The membrane is mounted within the cap itself ensuring that it meets the 'cool to touch' standard at all times. In addition the barrier allows us to create a unique 'light line'. Giving you a safe and stylised product in one.



Patent Awarded
GB1004999.7

ordering details

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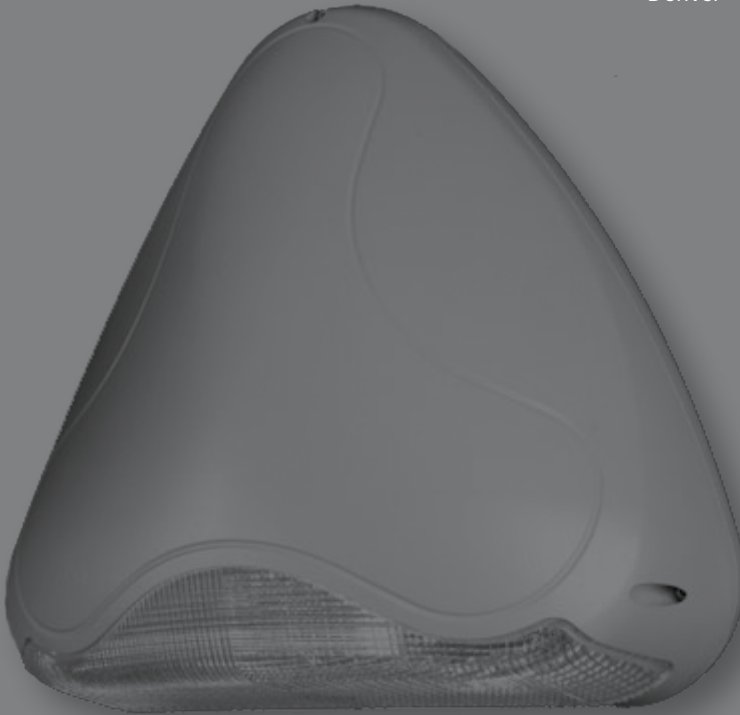
| | | | | | | | | | | | | |
|----------------|--|--------|------|-----|------|-----|----|------|-----|------|---|----|
| Code | Denver™ Elite Bollard | | | | | | | | | | | |
| DEB | | | | | | | | | | | | |
| Code | Lamp Type (required) | | | | | | | | | |  | |
| .L014 | LED light engine producing c.1,000 lm with a nominal 4000K | | | | | | | | | | | |
| .L024 | LED light engine producing c.2,000 lm with a nominal 4000K | | | | | | | | | | | |
| Code | Distribution | | | | | | | | | | | |
| .PAY | Asymmetrical Distribution | | | | | | | | | | | |
| Code | Optical Enclosure | | | | | | | | | | | |
| .SU | Single Sided Asymmetric Distribution | | | | | | | | | | | |
| .DO | Double Sided Bisymmetric Distribution | | | | | | | | | | | |
| .TR | Triple Sided Symmetric Distribution | | | | | | | | | | | |
| Code | Head / Height | | | | | | | | | | | |
| .H75 | 750mm High | | | | | | | | | | | |
| .H100 | 1000mm High | | | | | | | | | | | |
| Code | Colour (required) | | | | | | | | | | | |
| .C1 | Smooth White (RAL 9016) | | | | | | | | | | | |
| .C4 | Textured Graphite (RAL 7011) | | | | | | | | | | | |
| .C6 | Smooth Grey (RAL 7035) | | | | | | | | | | | |
| .C7 | Black (RAL 9005) | | | | | | | | | | | |
| .C9 | Metallic Silver (RAL 9006) | | | | | | | | | | | |
| RAL**** | RAL Colour (customer choice) | | | | | | | | | | | |
| Code | Paint Finish | | | | | | | | | | | |
| .C | Enhanced Paint Finish | | | | | | | | | | | |
| Code | Cut Outs | | | | | | | | | | | |
| .MCB | Mini circuit breaker | | | | | | | | | | | |
| Code | Auxiliary Circuits | | | | | | | | | | | |
| .TW | Through Wiring option | | | | | | | | | | | |
| Code | Emergency | | | | | | | | | | | |
| .ME1 | 3hr maintained emergency IP65 | | | | | | | | | | | |
| Code | Screws | | | | | | | | | | | |
| .V1 | Vandal-resistant screws | | | | | | | | | | | |
| Code | Optics | | | | | | | | | | | |
| .A | Acrylic Prismatic Lens | | | | | | | | | | | |
| Example | DEB | .26PL4 | .LYA | .DO | .H75 | .C9 | .C | .MCB | .TW | .ME1 | .V1 | .A |

Lumen data is considered to be representative of the configuration shown, and may vary, with a tolerance on flux of +/- 7% (typical of LED manufacturers data) and luminaire power of +/- 5%.

luminaire accessories

| | |
|-------------|--|
| Code | |
| DBL.FT | Set of 3 Bolts M10 x 100mm for Flange Base Fixing |
| DEB.ROOT | Root Mounting Spike to fit Flange Base Denver™ Elite Bollard |
| DBL.VK | Vandal key for Denver™ Elite Bollard |

Other products in the
Denver™ Elite family range



Denver™ Elite Pole



Denver™ Elite Bollard



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