



DENVER[™]
elite system



wall

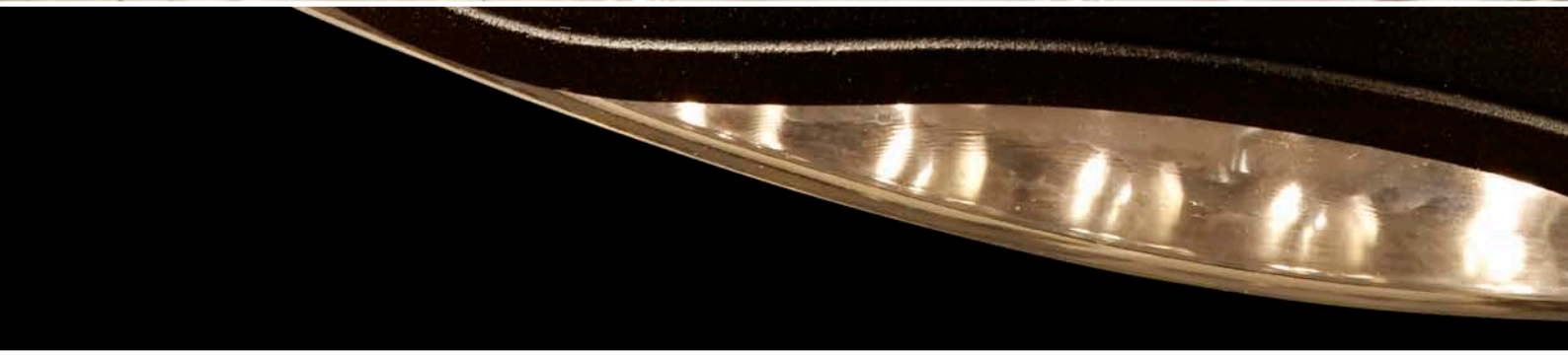
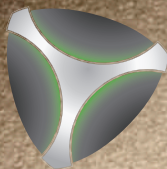
denver[™] elite wall

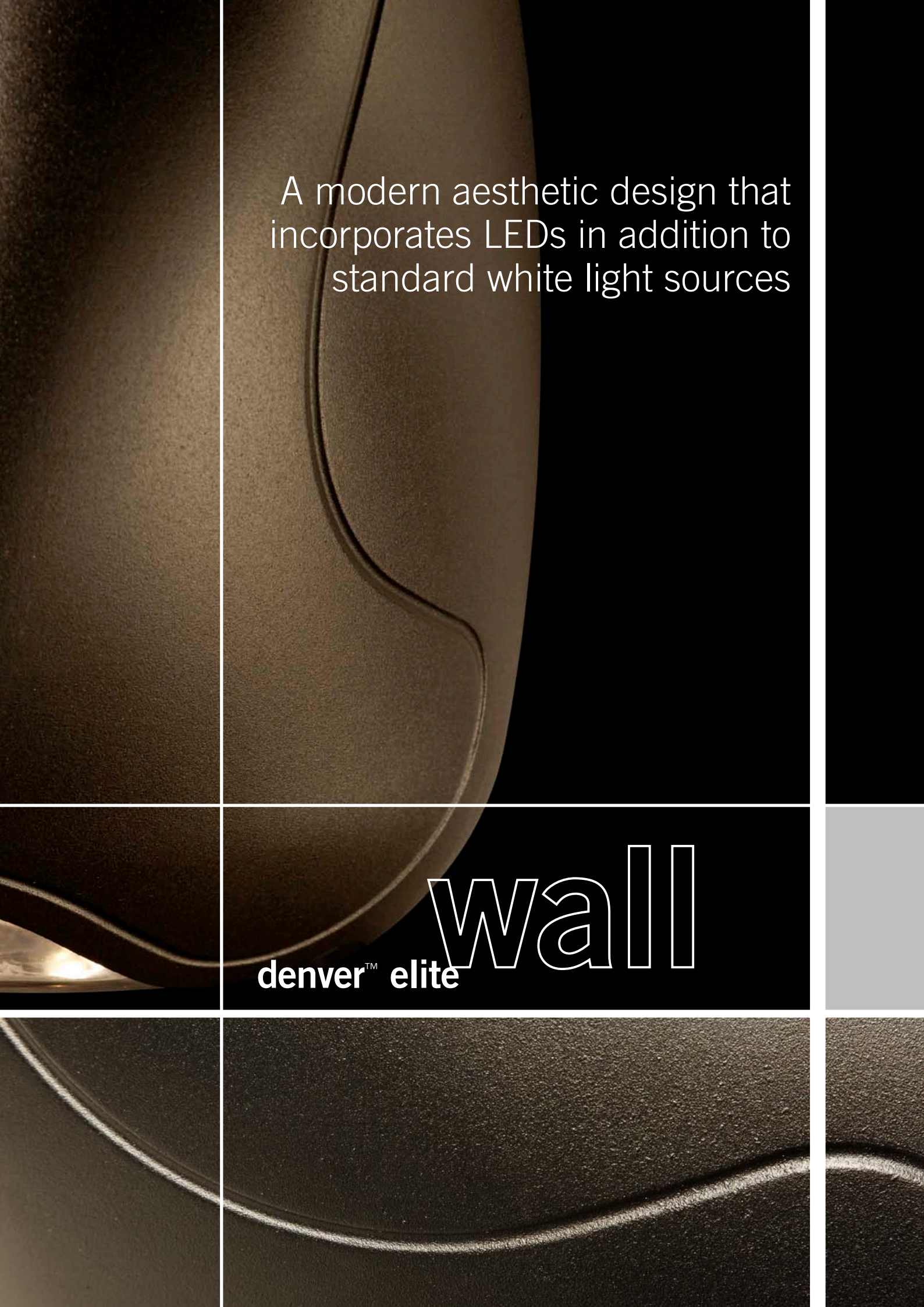
REGISTERED EUROPEAN DESIGN



DENVERTM
elite system

wall



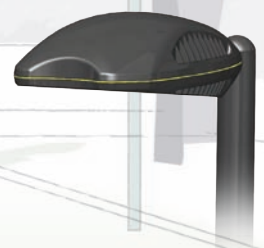


A modern aesthetic design that
incorporates LEDs in addition to
standard white light sources

denver™ elite wall

DENVER™
elite system

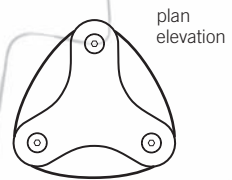




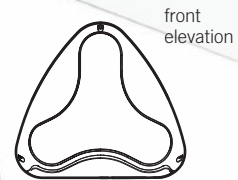
Denver™ Elite Pole
Available Late 2011



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 incorporate LEDs in addition to standard white light sources.



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.





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

The Denver™ Elite wall is a modern aesthetic design that incorporates LEDs in addition to standard white light sources. With its stylised design, the prismatic glass optic for HID and CFL light source or clear glass optic for LED, 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. Denver™ Elite Wall is offered with electronic gear only (to help you reduce your energy costs) and the latest LED technology - offering a contemporary or conventional light source that does not compromise its optical performance.

optics / light source

- > 1000 - 3000 lumen package LED options
- > 35W - 100W ceramic metal halide
- > 26W - 42W compact fluorescent
- > 45W - 90W CosmoPolis

approvals

IP65
EN60598
CE

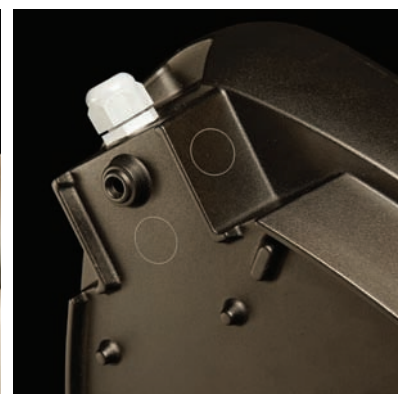
For further information please visit
the Holophane website
www.holophane.co.uk



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



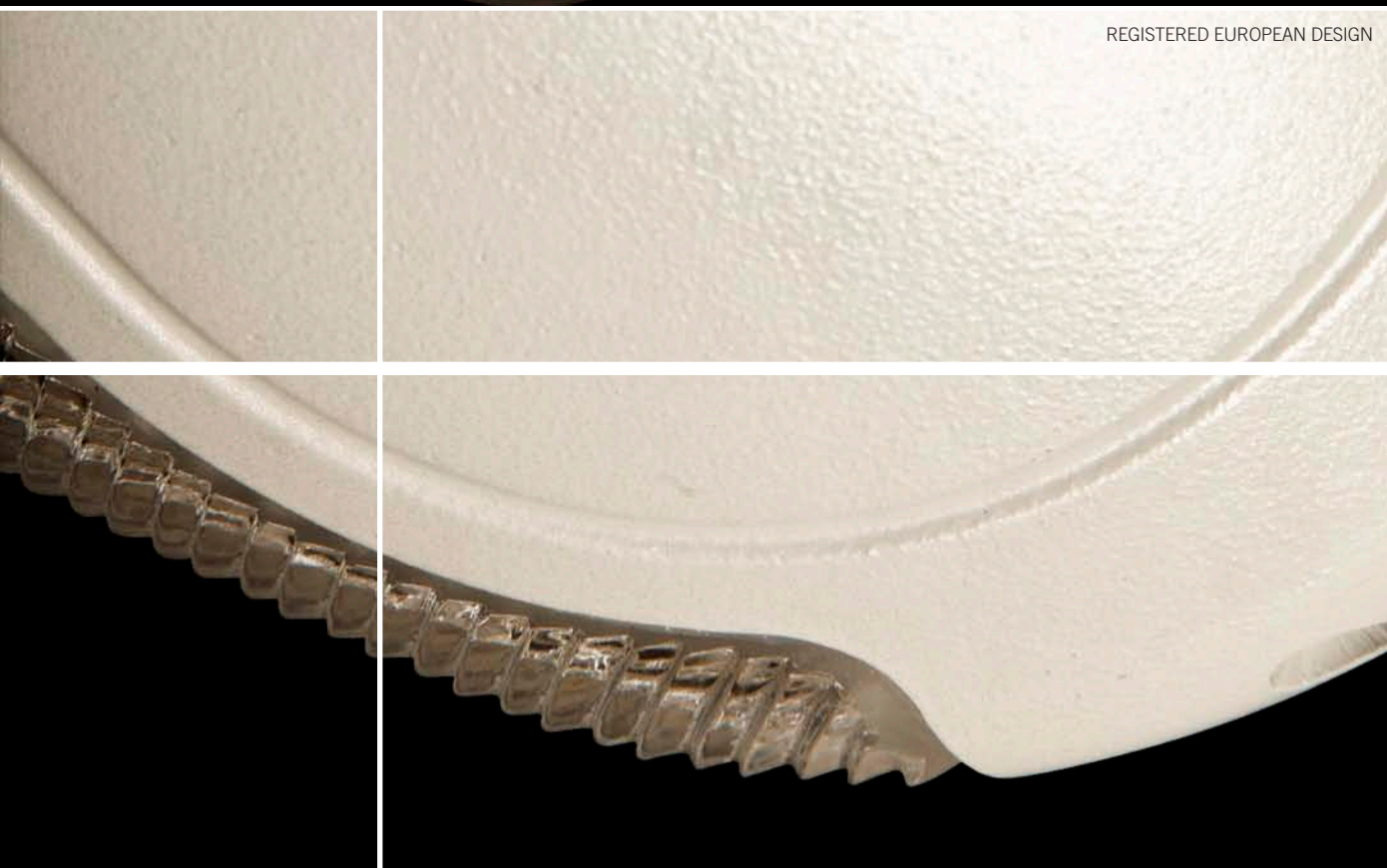
Photocell option



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



REGISTERED EUROPEAN DESIGN



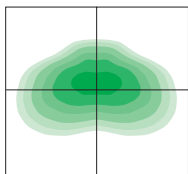
specification

The luminaire shall consist of a high pressure LM6 die-cast aluminium body, with integrated thermal management design. Denver™ Elite Wall incorporates integral electronic control gear or an LED driver to suit a wide choice of LED, high intensity discharge, or compact fluorescent light sources. The optical arrangement consists of an aluminium internal reflector and prismatic or clear 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)
35W Metal Halide	4.7	-20	55
70W Metal Halide	4.7	-20	45
100W Metal Halide	4.7	-20	40
32W Compact Fluorescent	4.2	-10	45
42W Compact Fluorescent	4.2	-10	40
L014	6.4	TBC	TBC
L024	6.4	TBC	TBC
L034	6.4	TBC	TBC
45W CosmoPolis	5.1	TBC	TBC
60W CosmoPolis	5.2	TBC	TBC
90W CosmoPolis	5.2	TBC	TBC

*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 for CFL options.

Low ULOR option available

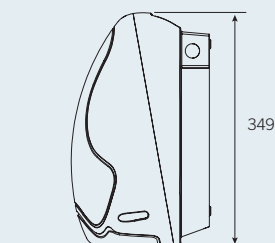
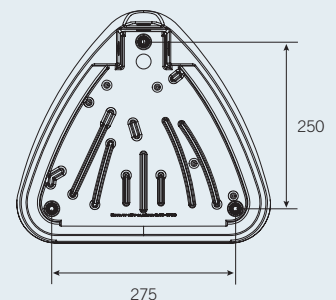
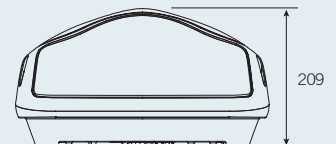
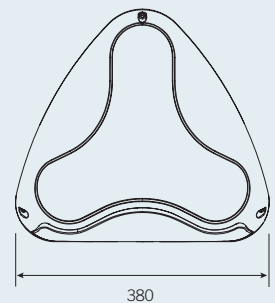
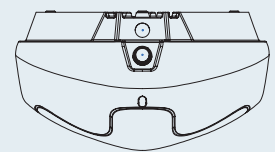
- > LED version has circa <3% ULOR as standard.
- > Upward light shield available providing <5% ULOR with the HID or CFL option

Vandal resistant

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



dimensions in mm



ordering details

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

Code

DEW	Denver™ Elite Wall			
	Code	Lamp Type (required)		
	.L014	LED light engine producing c.1000 lm with a nominal 4000°K colour temperature		
	.L024	LED light engine producing c.2000 lm with a nominal 4000°K colour temperature		
	.L034	LED light engine producing c.3000 lm with a nominal 4000°K colour temperature		
	.35CDMTF3	35W Clear CDM-T 3000°K Ceramic Metal Halide lamp (G12 base)		
	.70CDMTF3	70W Clear CDM-T 3000°K Metal Halide lamp (G12 base)		
	.100CDMTF3	100W Clear CDM-T 3000°K Metal Halide lamp (G12 base)		
	.26PL4	26W 4000°K Compact Fluorescent 4 Pin lamp (G24q-3 base)		
	.32PL4	32W Triple Tube 4000°K Compact Fluorescent 4 Pin lamp (GX24q-3 base)		
	.42PL4	42W Triple Tube 4000°K Compact Fluorescent 4 Pin lamp (GX24q-4 base)		
	.45CW	45W Philips CosmoWhite lamp (PGZ12 base)		
	.60CW	60W Philips CosmoWhite lamp (PGZ12 base)		
	.90CW	90W Philips CosmoWhite lamp (PGZ12 base)		
		Code	Distribution (optional)	
		.ULS	Upward light shield (for HID & CFL lamp options only)	
			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	Options
			.C	Enhanced Paint Finish
			.T	Photocell (factory fitted option)
			.ME1	3 hour emergency option (only available with 26PL4, 32PL4 & 42PL4 lamps)
			.SDI	Stepped Dimming (only available with 60CW & 90CW lamps)

Example DEW .26PL4 .ULS .C7 .T



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



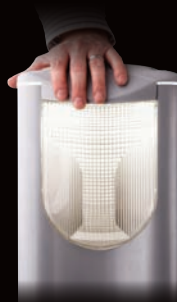
bollard

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 LEDs in addition to standard white light sources. 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. Denver™ Elite Bollard is offered with electronic gear only (to help you reduce your energy costs) and the latest LED technology - offering a contemporary or conventional light source that doesn't compromise its optical performance.

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 ENISO 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

REGISTERED EUROPEAN DESIGN

ordering details

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

Code

DEB	Denver™ Elite Bollard					
	Code	Lamp Type (required)				
	.35CDMTF3	35W Clear CDM-T 3000°K Ceramic Metal Halide lamp (G12 base)				
	.70CDMTF3	70W Clear CDM-T 3000°K Metal Halide Lamp (G12 base)				
	.26PL4	26W 4000°K Compact Fluorescent 4 Pin lamp (G24q-3 base)				
	.32PL4	32W Triple Tube 4000°K Compact Fluorescent 4 Pin lamp (GX24q-3 base)				
	.42PL4	42W Triple Tube 4000°K Compact Fluorescent 4 Pin lamp (GX24q-4 base)				
	.45CW	45W CosmoWhite lamp (PGZ12 base)				
	.60CW	60W CosmoWhite lamp (PGZ12 base)				
	.11LED	11 x 1.3W Rebel LED, 3500°K-4500°K				
		Code	Distribution			
		.LYA	Louvre Asymmetric Distribution (not available with .11LED)			
		.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	Options		
			.C	Enhanced Paint Finish		
			.ME1	Complete with 3 hour maintained emergency battery and inverter (only available with PL4 lamps)		
			.TW	Through wiring option		
			.MCB	Mini circuit breaker		
			.LL	Less lamp (not available with CW lamps)		

Example

DEB .26PL4 .LYA .DO .H75 .C9 .C



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

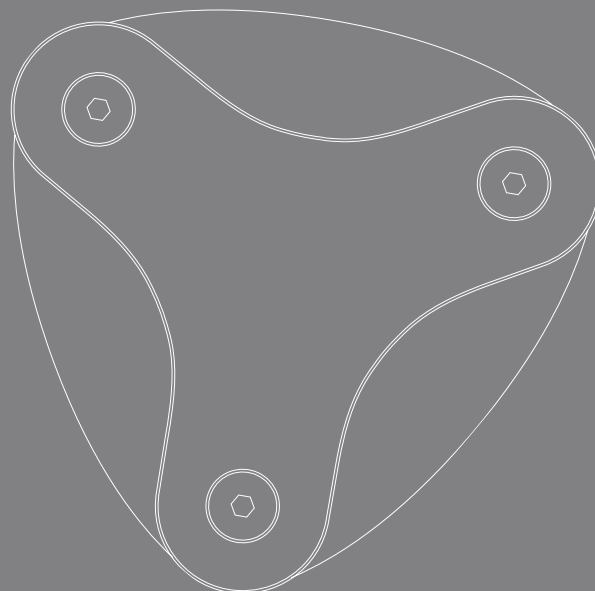
Note: For specific LED variant data please contact Holophane for Denver™ Elite Wall LED data sheet

denver™ elite family

bollard



pole
new for 2011



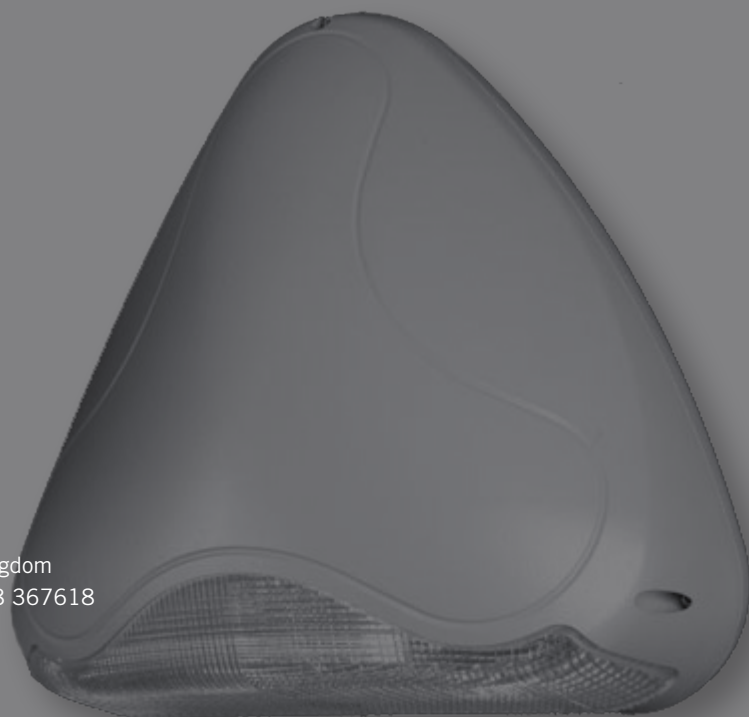
DENVER™
elite system



well

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