

# Feeder Pillars

## DESIGNER AND MANUFACTURER

Lighting Design Solutions are designers and manufacturers of a wide range of specialist street lighting furniture along with structural and architectural designs for local government and contractors across the UK.

## PRODUCT RANGE

Our product range includes feeder pillars, street lighting columns, brackets, and made-to-order steel fabrications.

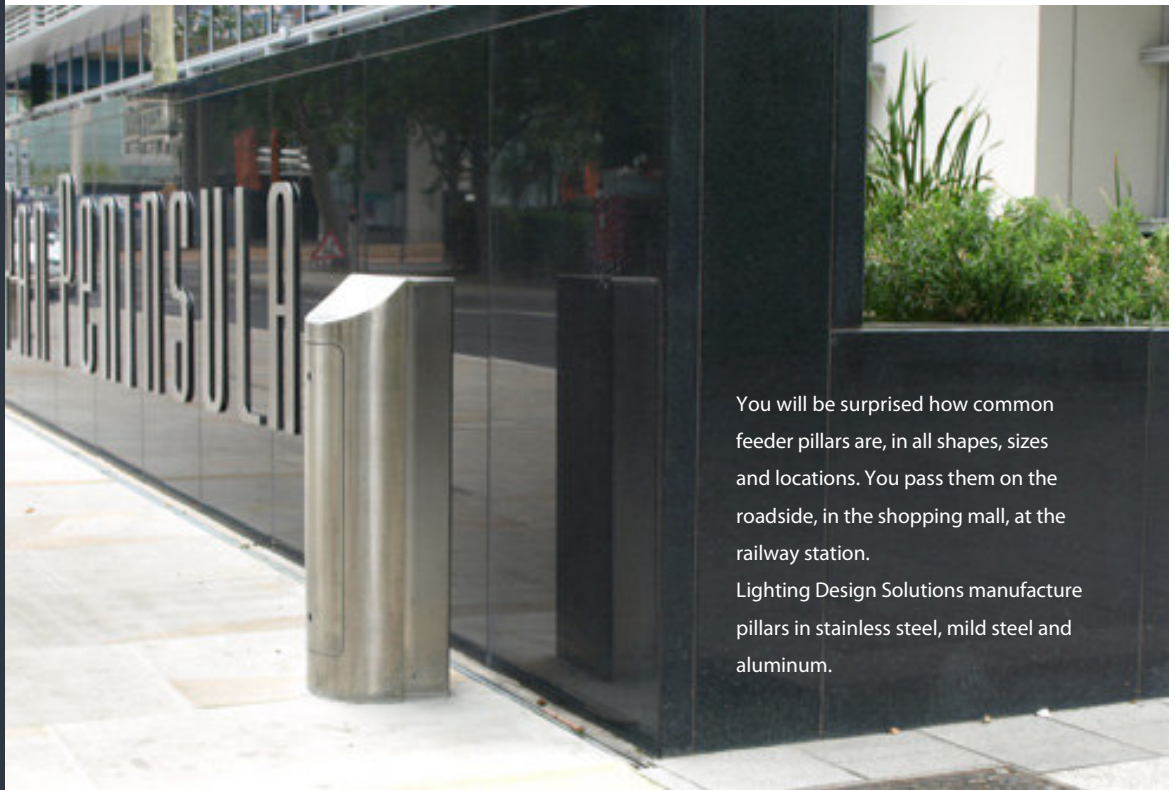
## SERVICE AND QUALITY

We provide a personal level of service with top quality products and our product sales are supported with a technical advice service to help lighting and electrical engineers

## SPECIALIST

Our engineers work from CAD drawings and customer specifications to design exactly what is required.

As a manufacturer we specialise in the 'specials' that you require, taking orders for single or multiple items.



You will be surprised how common feeder pillars are, in all shapes, sizes and locations. You pass them on the roadside, in the shopping mall, at the railway station.

Lighting Design Solutions manufacture pillars in stainless steel, mild steel and aluminum.

Feeder pillars are safe, vandal proof and can be discreet so as not to be noticed. Lighting Design Solutions prides itself on producing a variety of pillars to meet the market requirements.

We manufacture all our pillar ranges in either mild steel or stainless steel. Selected pillars are also produced in aluminium.

We regularly produce one-off's for customers for their projects where the standard cabinets are just not suited or a special design is required. Where other suppliers shy away from these types of jobs, we come into our own with our experience, design and know-how.

The standard finish to our mild steel pillars is hot dipped galvanised to BS-EN-ISO1461. For stainless steel we can provide satin and mirror polished finishes.

Alternative finishes are available upon request, for example, painted finishes, antiposter and anti-graffiti paint.

We can supply pre-wired distribution panels, configured to your specific requirements. Optional internal electric cabinets can be fitted and assembled by qualified engineers. All our pillars are fitted with earthing points to both door and pillar.

Lighting Design Solutions can provide a full schematic drawing service for electric panels, matching these to the appropriate feeder pillar.



Lighting Design Solutions Limited  
Units 3 & 4 Lockhouse Industrial Estate Mead lane Hertford  
Herts SG13 7AX  
Tel: 01992 587403 Fax: 01992 500741  
email: [info@lighting-designs.co.uk](mailto:info@lighting-designs.co.uk) [www.lighting-designs.co.uk](http://www.lighting-designs.co.uk)

## No matter what the size or shape



All shapes and sizes – it doesn't phase us. No matter what the size or shape of the location, Lighting Design Solutions can supply feeder pillars, cabinets and recessed wall boxes to suit. Whether it is required in mild steel, stainless steel or aluminium Lighting Design Solutions have the capability.



With years of experience working with architects, contractors and local authorities we know that solutions can be found and we have the design and manufacturing capabilities to make it happen.



We regularly produce one-off's for customers for their projects where the standard cabinets are just not suitable or a special design is required. Where other suppliers shy away from these sorts of jobs, we come into our own with our experience, design and know-how.

# Berkeley Round Bollard Pillars



Our Berkeley Round Bollard Pillars are designed for elegance. Manufactured from stainless steel with a satin polished body and a mirror polished top.

Where a different design is required for a scheme or to match other stainless steel products such as street lighting columns the Berkeley is the perfect partner.

We also manufacture bollard pillars in mild steel, painted and with cast iron heritage kits.

### STANDARD FEATURES

- Stainless steel
- Satin polish finish body
- Mirror polished top
- Fitted with tri-angular locks
- Plywood backboard, treated with clear water repellent
- Earthing fitted to both door and pillar

### OPTIONS INCLUDE

- Pre-wired distribution panels
- Alternative locks
- Labels
- Logo / Client name etching or mirror polished
- Material – aluminium and mild steel
- Customer specific cabinets

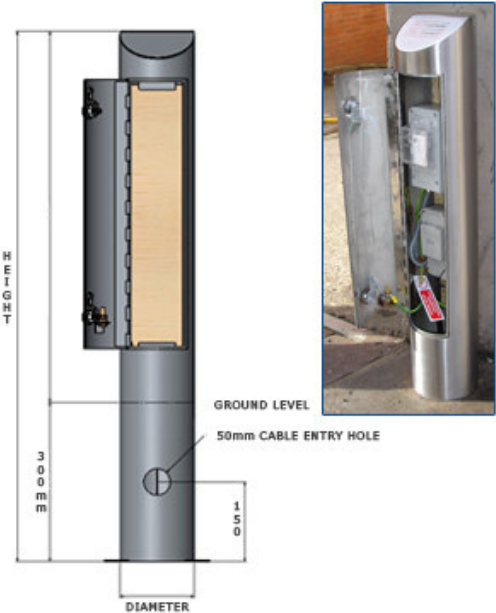
Model and Sizes	RSB150	RSB200	RSB270	RSB355
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#### Cabinet Size (mm)

Height	1000	1450	1000	1000
Diameter	140	270	270	355
Root	300	300	300	300

#### Backboard (mm)

Height	500	750	600	600
Width	100	200	200	270



# D-Shaped Bollard Pillars



You will be surprised how common feeder pillars are, their different sizes, shapes and locations. Wherever an electrical supply is required in the open you will normally find a pillar nearby.

Our D-Shaped Bollard Pillars are used to control CCTV monitoring equipment, market place electrics, and other locations where the local aesthetics require something special. We manufacture some standard sizes but also produce these to local authority and designers' specification.

Lighting Design Solutions produce a variety of bollard pillars from stainless steel and mild steel.

## STANDARD FEATURES

- Fitted with tri-angular locks
- Plywood backboard, treated with clear water repellent
- Earthing fitted to both door and pillar

## OPTIONS INCLUDE

- Pre-wired distribution panels
- Alternative locks
- Labels
- Internal heater and light
- Paint finish
- Customer specific cabinets
- Material – Aluminium

## STAINLESS STEEL

### MODELS ONLY OPTIONS

- Mirror polished
- Logo / Client name etching or mirror polished

Model and Sizes	CRANBROOK			ALBERMARLE		
	DSB150	DSB230	DSB380	DMB150	DMB230	DMB380

### Cabinet Size (mm)

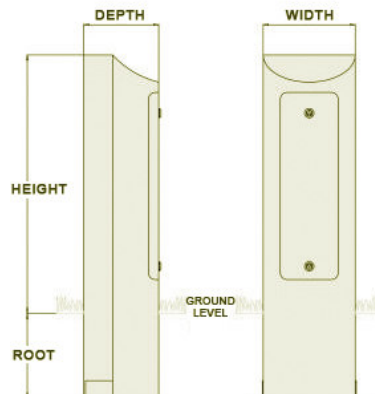
Height	760	760	900	760	760	900
Width	195	270	400	195	270	400
Root	250	250	250	250	250	250

### Finish

Material	2.5mm Stainless Steel	3mm Mild Steel
Finish	Satin polish	Hot Dipped Galvanised

### Backboard (mm)

Height	600	600	800	600	600	800
Width	150	230	360	150	230	360



# Mini Service Pillars



The Mini Service Pillar (MSP) Range is our budget range, a range of pillars to meet a variety of requirements.

These pillars are used in a variety of locations, such as controlling power to traffic lights, speed cameras and sign posts. They are sited to provide electricity to market traders and many more applications.

The standard pillars have removable lift-off doors, although hinges can be fitted as an optional extra.

Standard range widths: 170mm to 720mm

## STANDARD FEATURES

- 3mm mild steel
- Hot dipped galvanized
- Fitted with tri-angular locks
- Plywood backboard, treated with clear water repellent
- Earthing fitted to both door and pillar
- Lift-off door

## OPTIONS INCLUDE

- Pre-wired distribution panels
- Document holder
- Alternative locks
- Hinged door
- Labels
- Apron and gland plates
- Internal heater and light
- Macrilon panel
- Stainless steel or aluminum
- Paint finish
- Customer specific cabinets

Model and Sizes	MSP170	MSP250	MSP380	MSP470	MSP720
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### Cabinet Size (mm)

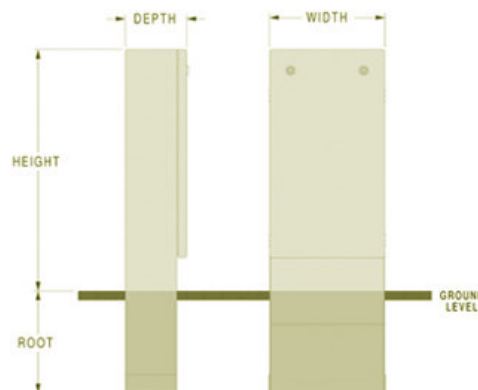
Height	700	700	900	900	900
Width	170	250	380	470	720
Depth	170	170	185	275	325
Working Depth	145	145	160	250	300
Root	300	300	300	300	300

### Cabinet Door Aperture (mm)

Height	588	588	788	788	788
Width	160	240	370	460	710

### Backboard (mm)

Height	585	585	785	785	785
Width	150	230	360	450	700



## EP3 Feeder Pillars



The EP3 Feeder Pillar Range provides a higher specification than our Mini Service Pillars. Each pillar comes with a hinged door as standard.

All our feeder pillars can be made to specific customer sizes and also from a choice of finishes. The standard model is made from 3mm galvanized mild steel but we also produce this cabinet in stainless steel.

### STANDARD FEATURES

- 3mm mild steel
- Hot dipped galvanized
- Fitted with tri-angular locks
- Bitumened detachable roof
- Plywood backboard, treated with clear water repellent
- Earthing fitted to both door and pillar
- Hinged doors

### OPTIONS INCLUDE

- Pre-wired distribution panels
- Document holder
- Alternative locks
- Labels
- Apron and gland plates
- Internal heater and light
- Macrolon panel
- Stainless steel
- Paint finish
- Customer specific cabinets

Model and Sizes	EP3/300	EP3/440	EP3/425	EP3/525	EP3/600	EP3/750	EP3/900
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#### Cabinet Size (mm)

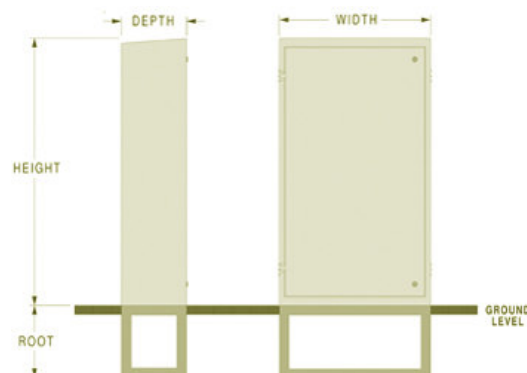
Height	800	890	990	990	990	1150	1235
Width	440	550	540	635	710	860	1010
Depth	250	250	270	300	350	350	350
Working Depth	200	200	220	250	300	300	300
Root	300	300	300	300	300	400	400

#### Cabinet Door Aperture (mm)

Height	660	760	810	810	860	1020	1100
Width	310	450	450	450	610	760	910

#### Backboard (mm)

Height	650	800	900	900	900	1100	1100
Width	300	440	425	545	600	750	900



## 3mm Double Door Feeder Pillars

### STANDARD FEATURES

- 3mm mild steel
- Hot dipped galvanized
- Fitted with tri-angular locks
- Bitumened detachable roof
- Plywood backboard, treated with clear water repellent
- Earthing fitted to both door and pillar
- Hinged doors

### OPTIONS INCLUDE

- Pre-wired distribution panels
- Document holder
- Alternative locks
- Labels
- Apron and gland plates
- Internal heater and light
- Macrilon panel
- Stainless steel
- Paint finish
- Customer specific cabinets



The 3mm Double Door Feeder Pillars are built for strength to control larger electrical outputs. This range of pillars combines security conscientiousness with size yet at a reasonable price. These pillars are for larger installations.

All our feeder pillars can be made to specific sizes and we also produce this model in stainless steel and to specific client sizes.

Standard range widths: 1380mm to 1980mm

Model and Sizes	DD31300	DD31500	DD31700	DD31900
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#### Cabinet Size (mm)

Height	1500	1500	1500	1500
Width	1380	1580	1780	1980
Depth	450	450	450	450
Working Depth	400	400	400	400
Root	400	400	400	400

#### Cabinet Door Aperture (mm)

Height	1260	1260	1260	1260
Width	1310	1510	1710	1910

#### Backboard (mm)

Height	1220	1220	1220	1220
Width	1300	1500	1700	1900



# 5mm Heavy Duty Feeder Pillars



The 5mm Heavy Duty Feeder Pillars are built for strength to control large electrical outputs. Combining security conscientiousness with size yet at a reasonable price, these pillars are for larger installations.

The 5mm specification of pillars are commonly used on motorways.

All our feeder pillars can be made to specific sizes. We manufacture this range in single and double door models and we can also produce this model in stainless steel and to specific client sizes.

## STANDARD FEATURES

- 5mm mild steel
- Hot dipped galvanized
- Fitted with tri-angular locks
- Bitumened detachable root
- Plywood backboard, treated with clear water repellent
- Earthing fitted to both door and pillar
- Hinged doors

## OPTIONS INCLUDE

- Pre-wired distribution panels
- Document holder
- Alternative locks
- Labels
- Apron and gland plates
- Internal heater and light
- Macrilon panel
- Stainless steel
- Paint finish
- Customer specific cabinets

Model and Sizes	SD5600	SD5750	SD5900	DD51300	DD51500	DD51700	DD51900
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### Cabinet Size (mm)

Height	1150	1500	1500	1500	1500	1500	1500
Width	680	830	980	1380	1580	1780	1980
Depth	350	450	450	450	450	450	450
Working Depth	300	400	400	400	400	400	400
Root	300	400	400	400	400	400	400

### Cabinet Door Aperture (mm)

Height	910	1260	1260	1260	1260	1260	1260
Width	610	760	910	1310	1510	1710	1910

### Backboard (mm)

Height	900	1220	1220	1220	1220	1220	1220
Width	600	750	900	1300	1500	1700	1900

SD – Single door cabinets  
DD – Double door cabinets





# Fold-Down Pillar

## STANDARD FEATURES

- 3mm mild steel
- Hot dipped galvanized
- Fitted with tri-angular locks
- Underground supporting frame
- Plywood backboard, treated with clear water repellent
- Earthing fitted to both door and pillar
- Durbar floor plate

## OPTIONS INCLUDE

- Pre-wired distribution panels
- Labels
- Customer specific cabinets



Working with our customers we have developed this pillar to provide a solution for market traders, town squares, etc. where electrical power is required on occasions combining the need to cater for vehicle access.

Easily raised and lowered our Fold-Down Pillar provides electrical outlets wherever you need them.

Using Durbar floor plate we have manufactured this pillar to be able to take the weight of a vehicle. It comprises an underground installation frame and soak-away facilities for rain and surface water, providing an effective solution to local council needs. It is lockable in the upright and lowered positions.

Model and Sizes	FDB001
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### Cabinet Size (mm)

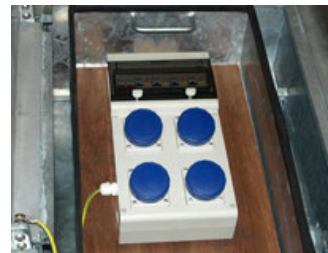
Height	1020
Width	380
Height (above ground when raised)	870

### Support Frame(mm)

Height	1120
Width	1000

### Backboard (mm)

Height	650
Width	365



## Distribution Panels

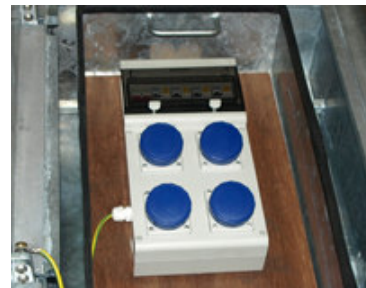


Lighting Design Solutions supply pre-wired distribution panels, configured to your specific requirements. Optional internal electrical cabinets can be fitted, assembled by qualified engineers.

We provide a full schematic drawing service for electric panels, matching these to the appropriate feeder pillar. Single and three phase electric supplies are commonly handled by these cabinets on roads and motorways across the UK.

Our pillars with distribution panels are currently powering motorway lighting, gantries, CCTV systems, street lighting schemes, traffic lights, market trader stalls and more. We also supply wall boxes with cut-outs.

All our feeder pillars are fitted with earthing points to both door and pillar, lighting and heating assemblies can be installed into our cabinet. Document holders fitted to a pillar can store electrical schematic drawings for future onsite reference.



## Heritage Kits



As well as supplying a wide range of standard and customer specific cabinets, we are also able to customise pillars further by adding heritage kits.

For certain installations, an authentic look is required so as to fit in with the locality and perhaps existing schemes. Like our street lighting columns fitted with heritage kits, we can create a 'timeless' appeal with our pillars.

For our 'box' pillars we can add decorative mouldings, a special plinth or a pitched roof.

For bollards we can add cast-iron castings for that 'Victorian' look.

With a high-gloss finish they have that timeless appeal blending into the location.

We are able to provide special finishes according to the project requirements, such as, additional decorative mouldings, two-colour paint finish, for example, gold-edged trim.

# Highways Agency Feeder Pillars

## DESIGNER AND MANUFACTURER

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## PRODUCT RANGE

Our product range includes feeder pillars, street lighting columns, brackets, and made-to-order steel fabrications.

## SERVICE AND QUALITY

We provide a personal level of service with top quality products and our product sales are supported with a technical advice service to help lighting and electrical engineers

## SPECIALIST

Our engineers work from CAD drawings and customer specifications to design exactly what is required.

As a manufacturer we specialise in the 'specials' that you require, taking orders for single or multiple items.



The Highways Agency and Transport for London standardise their feeder pillars and distribution panels. To assist engineers and consultants we have laid out a table showing the Lighting Design Solutions products which make up each agency type.

When ordering please quote either our reference or the Highways Agency reference. If further information is required then please contact our office.

Highways Agency / Transport for London		Our Products	
		Distribution Panel	Feeder Pillar
HATYPE1	Feeder Pillar Type 1 Group Controlled Pillar 8 Way TP & N Distribution Board	DPHA0001	DD51700
HATYPE2	Feeder Pillar Type 2 24 Hour Supply Pillar 8 Way TP & N Distribution Board	DPHA0002	DD51300
HATYPE3	Feeder Pillar Type 3 Empty Feeder Pillar Shell	N/A	DD51300
HATYPE4	Feeder Pillar Type 4 12 Way SP & N Distribution Board	DPHA0004	MSP470HE
HATYPE5	Feeder Pillar Type 5 2 Way SP & N Distribution Board	DPHA0005	MSP380HE
HATYPE6	Feeder Pillar Type 6 4 Way SP & N Distribution Board	DPHA0006	MSP380HE
HATYPE7	Feeder Pillar Type 7 6 Way SP & N Distribution Board	DPHA0007	MSP470HE
HATYPE8	Feeder Pillar Type 8 Empty Feeder Pillar Shell	N/A	MSP170
HATYPE9	Feeder Pillar Type 9 Empty Feeder Pillar Shell	N/A	MSP170