

HOUSTON INDIRECT COLUMN



Product Features

This stylish column mounted reflector offers an indirect method of illumination that is glare free. The light is reflected from the lamp, situated within the die cast luminaire, using the reflective dish which provides defused distribution. This along with the tapered steel galvanised column gives an aesthetic form of illumination that provides a feature both by night and day.

The columns are steel galvanised and powder coated to provide a durable finish and are supplied with a flush access door for termination incoming supplies and electrical cut out provision. The column is flange mounted and can be secured to a foundation using anchor bolts (not supplied).

Features

With a circular primary reflector, produced in pure anodized aluminium with a tempered glass lens, the lamp provides an effective method of indirect illumination. The die Cast Aluminium column is treated and powder coated giving a durable finish. The luminaire is class 1 and is produced in accordance with EN 60598 regulations for compliance. The lamp is protected with a glass diffuser which is sealed with silicone gaskets.

Control Gear

The Houston indirect column luminaire is designed for a metal halide lamp with a G12 cap or point source equivalent and will contain the integral gear. The column can accommodate a range of lamp wattages up to and including 150w HQI. A wall mounted version is also available to complete a design where a column locations is unsuitable.

Options

Mounting Options

Column mounting, with flange fixing points on the circular flange plate on the column. Mounting height 4m. Aluminium columns are also available upon request.

Variations

As standard the luminaire is finished in black, dark grey or light grey. Other RAL colours are available upon request but prices may be subject to minimum paint purchase costs. A wall mounted version is also available, which secures to the wall with 4 fixing points and is supplied with a length of tube to fulfil the design and to match the column mounted version.

Materials

Luminaire

Manufactured from die cast aluminium with all fixings and fittings manufactured from stainless steel for durability.

Column

Steel galvanised or aluminium 4m column, flange fixed to a foundation provided by others.

Wall Mounted

Cast aluminium luminaire parts with a section of tube to complete the luminaire.



Sugg Lighting Limited

Sussex Manor Business Park

Gatwick Road

Crawley

West Sussex

RH10 9GD

England

Telephone: +44 (0)1293 540 111

Fax: +44 (0)1293 540 114

E-mail: sales@sugglighting.co.uk

www.sugglighting.co.uk



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Typical Specification

The Houston Indirect **Column** mounted luminaire is manufactured from cast aluminium with an angled reflector produced from pure anodised aluminium for optimum reflection. The luminaire reflector measures 720mm in diameter with an overall projection from front to back of **520mm**. This is fitted to a tapered aluminium flange mounted **column**, to achieve a photometric height of **4.5m**. The luminaire is supplied with a lamp projector enclosure which is IP rated and sealed from dust and water ingress, along with a G12 lampholder and integral gear for a **150w CDMT** lamp. (Lamp not supplied).

The luminaire and column is supplied in a **light grey** finish, with a white anodised reflector. The painting system is engineered to provide a durable finish for all weather conditions.

Please note that items highlighted in bold should be changed using the options available.

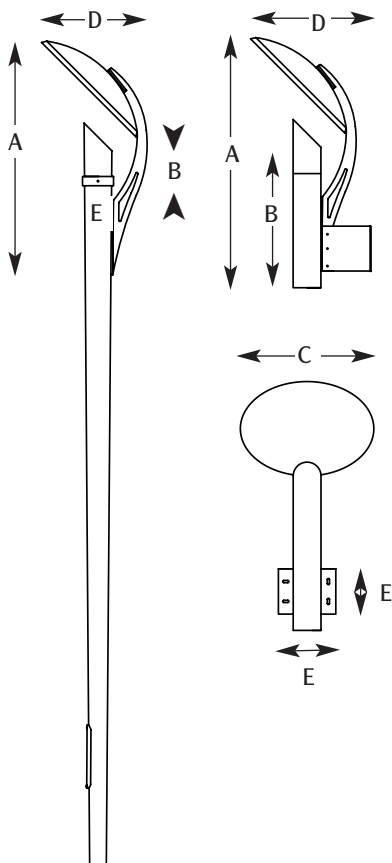
Applications

The project pictured here has used the Houston Indirect Lighting Column mounted luminaire to provide indirect illumination for the building frontage and the adjacent car parking area alongside a busy road. The 4m aluminium columns have been positioned for visual symmetry with two rows of luminaires and columns which have been positioned for illuminating the two areas.

The Houston provides a striking aesthetic option for a wide range of amenity applications where the day time appearance is as important as the night time lighting performance.



Options



HOUSTON	Luminaire	W/Brkt	Boxed
A Lantern Height	1260mm	1387mm	950mm
B Lamp Height	150mm	760mm	950mm
C Diameter/Width	720mm	720mm	450mm
D Projection	520mm	627mm	
E Standard Entry	150mm	150mm	
Weight	7kg	11kg	0.4 ^{m3}
Windage	0.84m ²	1.55m ²	

Dimensions are for the luminaire and wall mounted options only, as shown on the drawing.

WATTAGES & LAMP TYPES	35w	70w	100w	150w
CDMT G12	✓	✓	✓	✓

Note:

We can offer the tapered or standard embellished 168/114 panel steel columns with a number of variations, giving a range of decorative solutions.