

DALLAS INDIRECT COLUMN



Product Features

This stylish column mounted asymmetric, or symmetric, reflector offers an indirect method of illumination that is glare free, reflecting the light from the lamp situated within the die cast aluminium pole top luminaire. Using the asymmetric reflector system provides a defused directional distribution of light. The tapered column provides an aesthetic form of illumination that provides a feature both at night and by day and is ideally suited for pedestrian areas along with a variety of amenity applications where high uniformity and minimal glare and light intrusion are an issue. The columns are steel galvanised and powder coated to provide a durable finish and are supplied with a flush access door for terminating 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 an anodised aluminium reflector which is produced in symmetric or asymmetric formations where the secondary reflector which comprises of complex facets positioned to decompose the upward light and reform it into two distributions. This distribution is also adjustable with the reflector being able to tilt from 0° to 15° providing the facility to project the footprint into wider areas that require lighting from perimeter column locations.

The post top luminaire is fitted with a tempered glass lens over the lamp. The steel galvanised conical pole is powder coated for 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 Dallas column mounted luminaire is designed for 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.

Options

Mounting Options

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

Standard street lighting 168/114 lighting column can be used if preferred and these can be embellished with cast column kits for a decorative alternative if preferred.

Variations

As standard the luminaire and column combination are finished in either black, dark grey or light grey, other RAL colours are available upon request but prices may be subject to minimum paint purchase costs.

Materials

Luminaire

Manufactured from die cast aluminium with all fixings and fittings manufactured from stainless steel for durability. The reflector is polished anodised aluminium.

Column

Galvanised steel 4m or aluminium 4m flange fixed to a foundation provided by others. Other column combinations can be provided to suit the individual design requirements.



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 Dallas column mounted indirect luminaire is manufactured from cast aluminium with the **asymmetric** angled reflector set to **15°**, the reflector facets are designed to maximise the light distribution. The luminaire reflector measures 800mm in diameter with an overall height of 890mm, this lamp head fits over a 114mm diameter column spigot and is fitted to a **steel 168/114 parallel column embellished with contract embellishments and flange mounted** to achieve a photometric height of **5m**. The luminaire is supplied with the lamp projector enclosure sealed and IP rated to protect from dust and water ingress and a **G12** lampholder for a **150w CDMT** lamp. (Lamp not supplied).

The luminaire and column is supplied in a **dark grey** finish, with a white underside to the reflector, and the photometric facets in bright anodised aluminium, painted systems are engineered to provide a durable finish for all weather conditions.

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

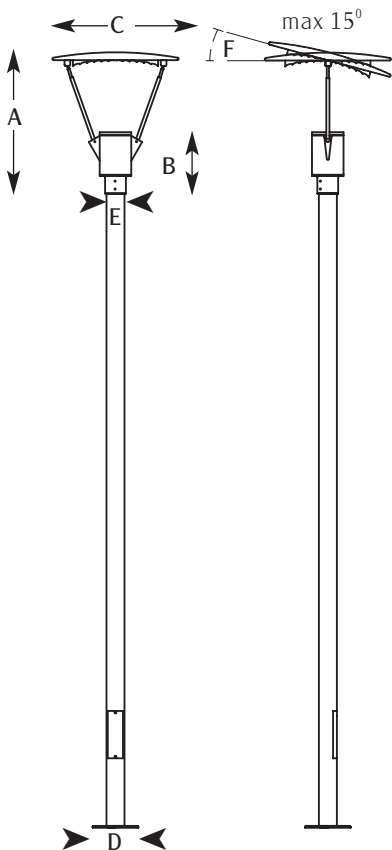
Applications

The project pictured here has used the Dallas Indirect Lighting Column mounted luminaire to provide indirect illumination for a pedestrian walkway. The 4m steel galvanised columns have been positioned in a single sided formation using the asymmetric distribution to cast the majority of the light onto the footpath.

This Dallas luminaire and column combination provides a striking aesthetic option for a wide range of pedestrian and amenity applications where the day time appearance is as important as the night time lighting.



Options



DIMENSIONS	DALLAS	BOXED
A Lantern Height	890mm	900mm
B Lamp Height	390mm	300mm
C Diameter/Width	800mm	300mm
D Flange Diam	295mm	
E Standard Entry	114mm	
F Adjustment	0° > 15°	
Weight	8.5kg	0.08 ^{m3}
Windage	0.66m ²	

WATTAGES & LAMP TYPES	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.

The angle movement in the reflector dish enables the asymmetric distribution to be moved forward to the front of the column to optimise lighting designs.