

PRODUCT SPECIFICATION SHEET

Star Ceiling Density Calculator

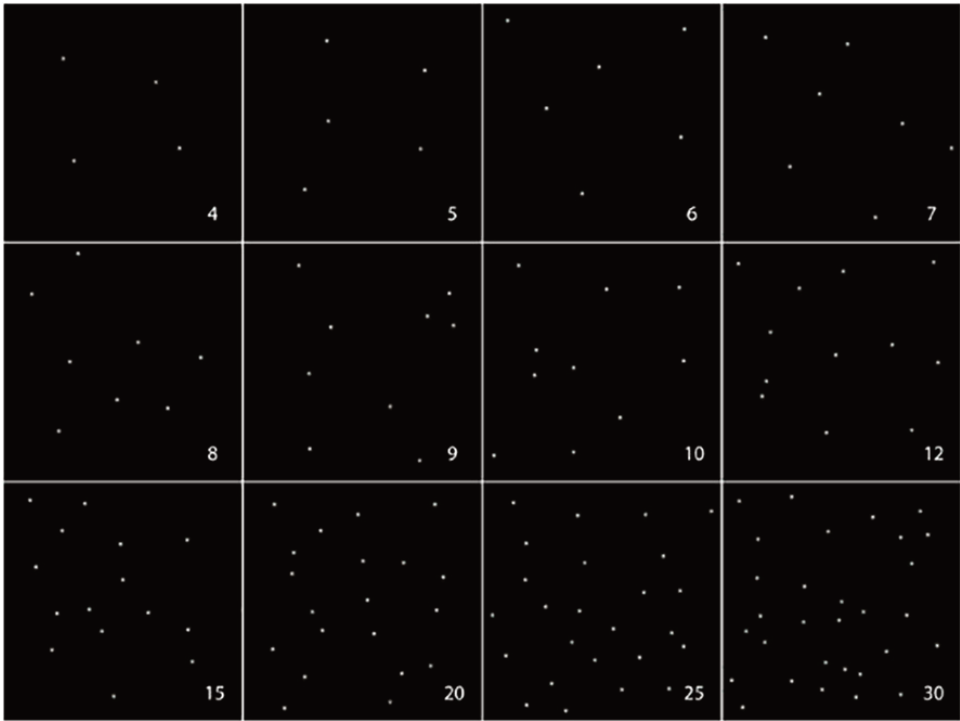


A unique feature of fibre optic lighting is its ability to illuminate a number of points from one light source. One of the best demonstrations of this is shown in star effect ceilings.

Extremely difficult to achieve with conventional lighting methods, fibre optics make it easy to implement this stunning feature in almost any location where access above the ceiling is available.

STAR DENSITY

Preferred star density is something very personal, however you should also consider the size of room you are installing the effect in. Generally larger rooms benefit from a less dense fill whereas smaller rooms can look great with a higher density of stars. The diagram below illustrates star density. Each square represents 1 square meter and the number in the square is the number of stars,



FIBRE HARNESS TYPES

2 types of fibre are available, Star 9 and Star 28. Each type offers mixed diameter fibre tails which simulates a 'near & far' effect once they are installed in the ceiling and illuminated.

UFO Star9	6 x 0.75mm / 2 x 1mm / 1 x 1.5mm
UFO Star28	20 x 0.75mm / 8 x 1mm

STAR CEILING FITTINGS

The fibre tails that make up a star ceiling can be left bare or alternatively can be fitted with either Mushroom Lenses or Star Lenses. Both options are great for disguising any unevenly drilled holes and give a slightly softer look to the light points. In humid or damp areas, the star lens provides the best seal against moisture ingress.



Star Lens



Mushroom Lens

PREFERRED LIGHT SOURCES

UFO offer a wide range of light sources however our Nova and Sirius ranges are particularly suited to illuminating a star ceiling. Both offer bright light output and varied effects to bring your ceiling to life.

UFO Nova	Description	RGBW light source
	Effects	Colour change and optional twinkle wheel controlled manually or by DMX
	Control	DMX, manual and remote control
	Dimensions	183mm x 178mm x 128mm / 1.91kg
	Material	Aluminium, grey powdercoat
	LED Power	46W



UFO Sirius	Description	White light light source with 3000K, 4000K, 5300K or 5500K colour temperatures
	Effects	Dimming and optional twinkle wheel controlled manually or by DMX
	Control	Dimming controlled by DMX, 0-10V or manual
	Dimensions	278mm x 155mm x 94mm / 2.22kg
	Material	Aluminium, dark grey powdercoat
	LED Power	Up to 90W



For full light source specifications please see our website or request a product datasheet.

CREATE A SPECIFICATION

FIBRE TYPE	ROOM SQ M	DENSITY	TOTAL TAILS	FITTINGS	LIGHT SOURCE	TAIL LENGTH
[SELECT]	[ENTER]	[ENTER]		[SELECT]	[SELECT]	[ENTER (MTR)]

FINAL CONFIGURATION (STRAND QUANTITY ROUNDED UP TO COMPLETE BUNDLES)

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The supplied fibre optics will be metres long and will contain a total of tails made up of bundles in harness(es).

Strands of 0.75mm fibre:

Strands of 1.00mm fibre:

Strands of 1.50mm fibre:

