

# ILLUMINATI'S EXTRUSION

## APPLICATION

Light Tubes are a versatile solution to give a general wash of light and can be easily hidden from view or finished to become an integral part of the display design. They consist of a metal tube which holds end-emitting fibres at close spacings to give an even light. The points of light can be staggered if desired to cover a wider area. Light tubes can be supplied as a straight tube with the tails emerging from one end or as a U-shaped gantry to be surface mounted. Mounting brackets for tubes can also be supplied. Light Tubes are made to order, to the sizes you need and can be raw aluminium, polished stainless steel or custom painted. Normal spacings for the fibre are 50mm, 75mm or 100mm. End caps are available if required.

**Light tube, maximum points of light in tube from one end with 30mm common end**

Profile	1.8mm*	2mm	3mm
32mm	45	20	14
38mm	70	35	23
52mm	115	54	40

**When using a mini common end connector, maximum tails per tube**

Fibre Max.	tails
1.8mm	31
2mm	26
3mm	10

### Common End Connectors

Light Tubes, Bars and Wands can be supplied with either standard 30mm or 12.5mm mini common ends. Where a mini common end is used, a 30mm adaptor is required to fit to a standard light source. Mini common ends allow for more than one independently removable tube to be connected to a light source and require a smaller hole to pass through for easier installation.



Specifier's Reference

Project

Type

Model No.

Comments or Special Instructions

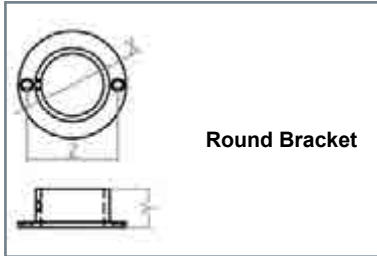
# ILLUMINATI'S BRACKETS

Specifier's Reference
Project
Type
Model No.
Comments or Special Instructions

## APPLICATION

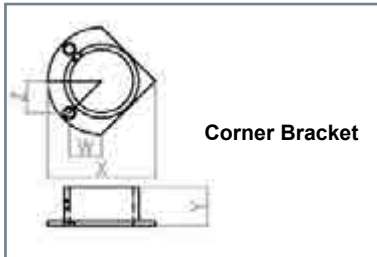
A number of types of accessory brackets are available for Tubes and Bars. For LightWand brackets please see the LightWand section. The Round Brackets are for vertical or horizontal mounting of tubes. The tube is locked with a grub screw. They are also available round or with either one straight side or two straight sides to allow mounting as close as possible to a flat

surface or in a corner. Square Brackets are for surface mounting tubes horizontally or vertically and come as split halves. Adjustable Clip Brackets allow for horizontal mounting and the standoff can be extended using threaded rod. They can be fitted on site, even to Light Bars.



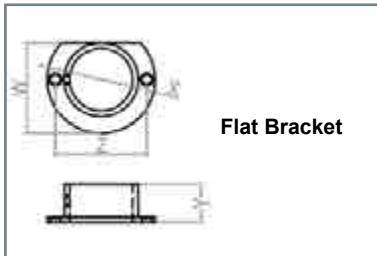
**Round Bracket**

Dimensions (mm)		Part No.	X	Y	Z
Tube Size					
27mm		ABR27R	50	20	41.5
32mm		ABR32R	55	20	46.5
38mm		ABR38R	62	20	53
44mm		ABR44R	67	20	58.5
52mm		ABR52R	75.5	20	67



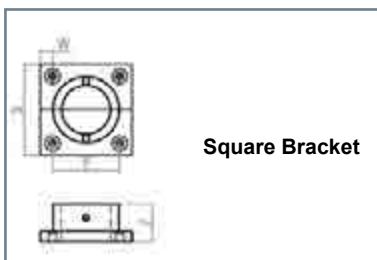
**Corner Bracket**

Dimensions (mm)		Part No.	W	X	Y	Z
Tube Size						
27mm		ABR27C	10.25	50	20	14.5
32mm		ABR32C	16.5	55	20	16.5
38mm		ABR38C	19.5	62	20	18
44mm		ABR44C	20.5	67	20	20.5
52mm		ABR52C	25.25	84.5	20	25.25



**Flat Bracket**

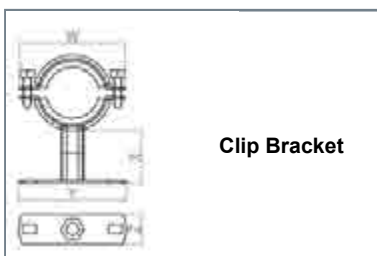
Dimensions (mm)		Part No.	W	X	Y	Z
Tube Size						
27mm		ABR27F	41.5	50	20	41.5
32mm		ABR32F	46.5	55	20	46.5
38mm		ABR38F	53	62	20	53
44mm		ABR44F	58.5	67	20	58.5
52mm		ABR52F	67	75.5	20	67



**Square Bracket**

Dimensions (mm)		Part No.	W	X	Y	Z
Tube Size						
32mm		ABR32S	8	60	44	25
38mm		ABR38S	8	66	50	25

N.B. Only available for 32mm and 38mm tube.



**Clip Bracket**

Dimensions (mm)		Part No.	W	X	Y	Z
Tube Size						
27/32mm		ABR32N	81.5	34	70	19.5
38/44mm		ABR40N	92	34	70	19.5
52mm		ABR48N	100	34	70	19.5

N.B. Has a black neoprene lining to help prevent scratching.

