

PRODUCT SPECIFICATION SHEET

Attracta Magnetic Track Lighting System



Rev. C3



Offering the ultimate in versatility, this system comprises of an extruded aluminium track, available in either surface or corner mount versions, which is paired with any number of magnetic Attracta fittings. The fittings magnetic attraction to the track allows them to be freely placed, moved, slid and removed without any interference from wires or cables. Two spotlight designs are available, each offering a choice of colour temperatures. The larger F2 fitting also offers brighter output.

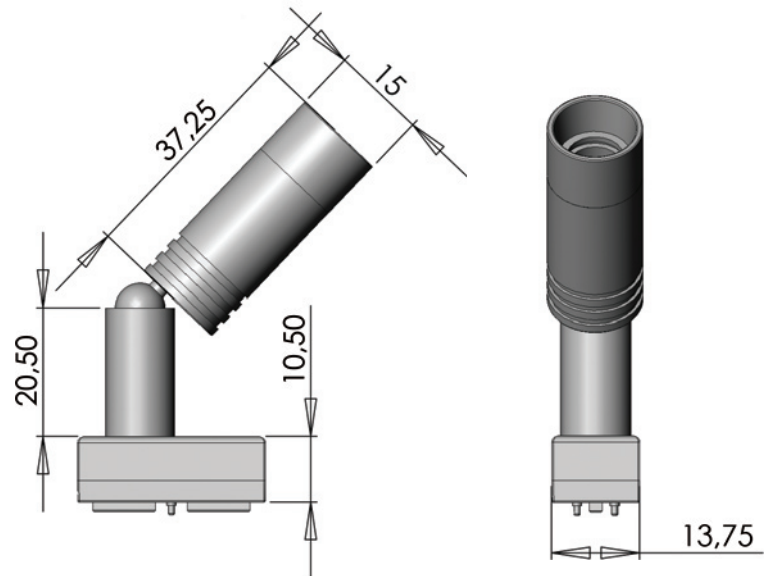
The Attracta fittings offer full 360° rotation as well as 180° of tilt - so they can be pointed in virtually any direction. There are five colour temperature options for all fittings and the F1 & F2 spotlights have a variety of lens types; from narrow to wide angled. These can all be mixed and matched within the system.

The Attracta track can be powered directly from a DC power supply unit or for complete functionality, should be connected to a UFO Unidrive CV2 multi-function driver.



PRODUCT SPECIFICATION SHEET

Attracta F1 Fitting



TECHNICAL INFORMATION

	F1 / 2700K	F1 / 3000K	F1 / 4000K	F1 / 5000K	F1 / 6500K
Light Source	LED	LED	LED	LED	LED
Colour Temperature	2700K	3000K	4000K	5000K	6500K
Lux Levels ^[1]	0.5m - 662 lux 1.0m - 173 lux 1.5m - 78 lux	0.5m - 827 lux 1.0m - 206 lux 1.5m - 90 lux	0.5m - 809 lux 1.0m - 203 lux 1.5m - 91 lux	0.5m - 800 lux 1.0m - 200 lux 1.5m - 90 lux	0.5m - 800 lux 1.0m - 200 lux 1.5m - 90 lux
Typical Luminous Flux	38lm/W	50lm/W	47lm/W	55lm/W	64lm/W
Drive Current	150mA	150mA	150mA	150mA	150mA
CRI	98 (typical)	98 (typical)	97 (typical)	92 (typical)	90 (typical)
Optics	16° / 23° / 36° / 61°				
Track Supply Voltage	5V DC				
Material	Aluminium				
Finishes	Black, white or silver with chrome magnetic ball				
Driver Working Current ^[2]	6A				
Functionality ^[2]	Manual dimming, DMX, 0-10V, sensor input				
Driver Dimensions ^[2]	146mm (5.75") x 68mm (2.68") x 40mm (1.57")				

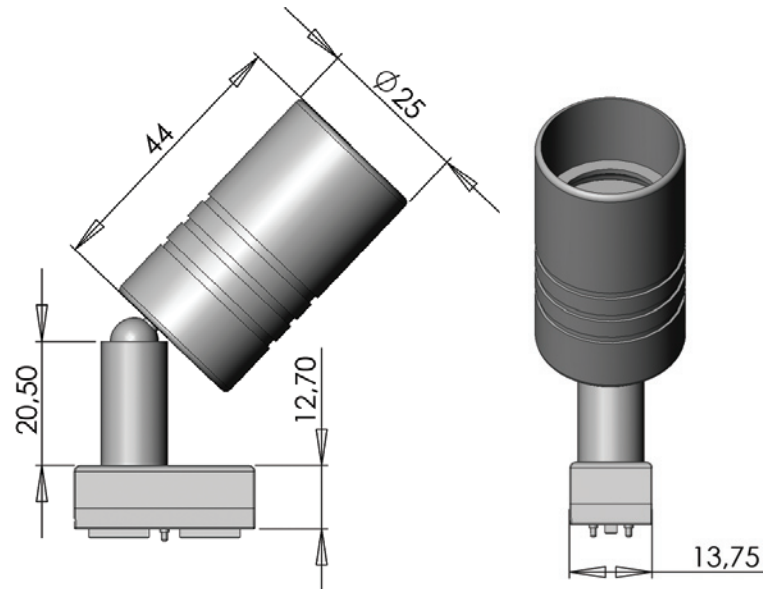
[1] F1 fittings measured with medium optic at specified distances. Nominal values are used for 5000K & 6500K fittings.

[2] For more information on the CV2 driver see the CV2 product specification sheet. Not suitable for use with any other third party driver.



PRODUCT SPECIFICATION SHEET

Attracta F2 Fitting



TECHNICAL INFORMATION

	F2 / 2700K	F2 / 3000K	F2 / 4000K	F2 / 5000K	F2 / 6500K
Light Source	LED	LED	LED	LED	LED
Colour Temperature	2700K	3000K	4000K	5000K	6500K
Lux Levels ^[1]	0.5m - 1392 lux 1.0m - 427 lux 1.5m - 205 lux	0.5m - 2061 lux 1.0m - 575 lux 1.5m - 258 lux	0.5m - 1237 lux 1.0m - 461 lux 1.5m - 238 lux	0.5m - 1500 lux 1.0m - 500 lux 1.5m - 200 lux	0.5m - 1500 lux 1.0m - 500 lux 1.5m - 200 lux
Typical Luminous Flux	29lm/W	43lm/W	45lm/W	53lm/W	62lm/W
Drive Current	400mA	400mA	400mA	400mA	400mA
CRI	98 (typical)	98 (typical)	97 (typical)	92 (typical)	90 (typical)
Optics	13.5° / 19° / 28°				
Track Supply Voltage	5V DC				
Material	Aluminium				
Finishes	Black, white or silver with chrome magnetic ball				
Driver Working Current ^[2]	6A				
Functionality ^[2]	Manual dimming, DMX, 0-10V, sensor input				
Driver Dimensions ^[2]	146mm (5.75") x 68mm (2.68") x 40mm (1.57")				

[1] F2 fittings measured with medium optic at specified distances. Nominal values are used for 5000K & 6500K fittings.

[2] For more information on the CV2 driver see the CV2 product specification sheet. Not suitable for use with any other third party driver.



PRODUCT SPECIFICATION SHEET

Attracta Magnetic Track & Mounting



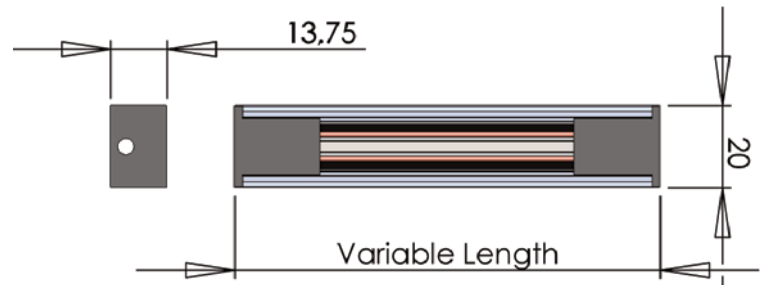
TRACK TECHNICAL INFORMATION

Material	Aluminium
Finish	Anodised black
Electrical Details	Powered from one end using 5V DC PSU and driver unit, optional dimming functionality



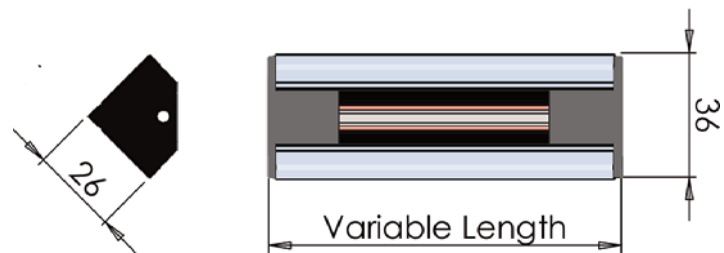
RECTANGULAR VARIANT DIMENSIONS

Length	Can be specified to 2300mm
Width	20mm
Height	13.75mm



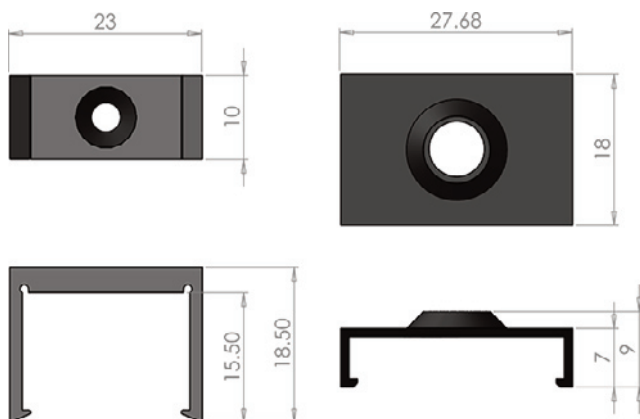
TRIANGULAR VARIANT DIMENSIONS

Length	Can be specified to 2300mm
Width	36mm
Height	26mm



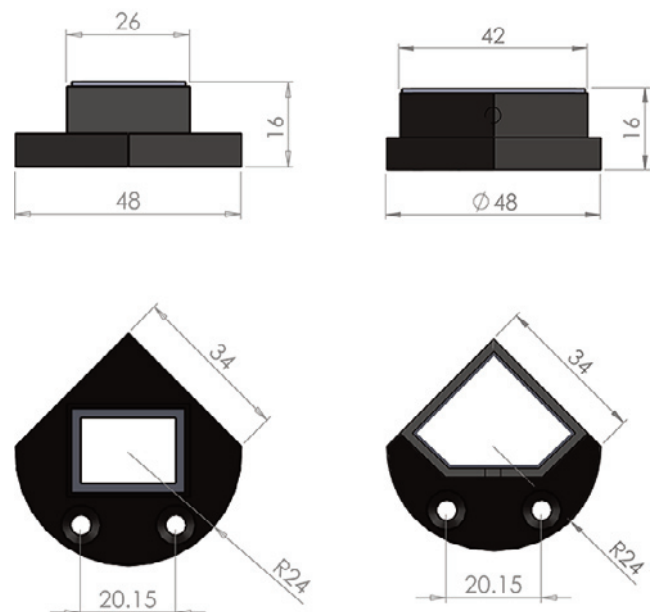
ATTRACTA MOUNTING CLIPS

Material	Polycarbonate
Finish	Black



ATTRACTA MOUNTING FEET

Material	Aluminium with plastic insert
Finish	Black as standard



PRODUCT SPECIFICATION SHEET



CV2 Driver



There are two power options for the Attracta magnetic track lighting system.

Option 1

Direct connection to a 5V DC power supply in either 4 Amp or 6 Amp versions. This option has no dimming or control functionality. When this option is specified the system can be powered from either a 5V DC 4A multifunction plug top power supply or a 5V DC 6A desktop power supply with an IEC input.

Option 2

Functional connection driven by the UFO CV2 Constant Voltage driver which in turn is connected to a 12V DC power supply.

TECHNICAL INFORMATION

Input Voltage	11 - 17V DC
Rated Power	30W maximum output
Output Voltage	5V DC (adjustable)
Protection	SCP / OCP / OTP
IP Rating	IP20 for indoor use only
Connection	Power - 2.1mm input jack Controls & outputs - screw terminals
Dimensions	W: 146mm L: 68mm H: 40mm

FUNCTIONALITY

2 channels individual manual (current sink) dimming with electronic potentiometer. 0-10V (current source) output dimming - controls both LED outputs. DMX with 4 channels (LED 1 dimming & on/off, LED 2 dimming & on/off) Controllable from DMX system or can operate standalone master/slave with other CV2 DRIVERS. 2 channels (N/O & N/C) sensor input to trigger LED 1 & LED 2 output simultaneously with fade in, delay and fade out controls.

OPTIONAL ACCESSORIES

Unidim CVD3 (DM-ELEC-XX-XX-XX-D)
single electronic (current sink) potentiometer

Unidim CVD4 (DM-ELEC-XX-XX-XX-DD)
dual electronic (current sink) potentiometers

Both CVD3 & CVD4 are supplied on mounting plates



PRODUCT ORDERING CODES

Attracta Magnetic Track Lighting System



F1 FITTING ORDERING CODES

MODEL	SYSTEM		COLOUR TEMP		COLOUR	
UFO ATR-F1	16°	16	2700K	27	Black	BL
	23°	23	3000K	30	White	WT
	36°	36	4000K	40	Silver	SV
	61°	61	5000K	50		
			6500K	65		
UFO ATR-F1						

e.g. UFO ATR-F1-23-50-BL

F2 FITTING ORDERING CODES

MODEL	SYSTEM		COLOUR TEMP		COLOUR	
UFO ATR-F2	13.5°	13	2700K	27	Black	BL
	19°	19	3000K	30	White	WT
	28°	28	4000K	40	Silver	SV
			5000K	50		
			6500K	65		
UFO ATR-F2						

MAGNETIC TRACK ORDERING CODES

MODEL		LENGTH	COLOUR		PSU		DIMMING	
Surface	B		Black	BL	4 Amp	4A	Yes	YD
Corner	C				6 Amp	6A	No	ND
UFO ATR-F1								

Note: Track lengths available up to 2300mm

CV2 DRIVER ORDERING CODES

MODEL	FUNCTIONALITY	
UFO CV2 Driver	Single integral dimming potentiometer	D-CU
	Dual integral dimming potentiometers	DD-CU
	Full functionality (manual/DMX/0-10V/sensor)	ALL-CU
UFO ATR-F1		

MOUNTING OPTION ORDERING CODES

MODEL	FUNCTIONALITY	
Attracta Mounting	Mounting foot for surface (rectangular) extrusion	FT-S
	Mounting foot for corner (triangular) extrusion	FT-C
	C Clip for surface (rectangular) extrusion	CL-S
	C Clip for corner (triangular) extrusion	CL-C
UFO ATR-M		