

FREELINE FC



FREELINE 60 FC



FREELINE 90 FC



Le informazioni contenute in questo documento sono state attentamente redatte e controllate. Tuttavia non è assunta alcuna responsabilità per eventuali inesattezze. Tutti i diritti sono riservati e questo documento non può essere copiato, fotocopiato, riprodotto per intero o in parte senza previo consenso scritto della D.T.S .

D.T.S si riserva il diritto di apportare senza preavviso cambiamenti e modifiche estetiche , funzionali o di design a ciascun proprio prodotto. D.T.S non assume alcuna responsabilità sull'uso o sull'applicazione dei prodotti o dei circuiti descritti.

The information contained in this publication has been carefully prepared and checked. However, no responsibility will be taken for any errors. All rights are reserved and this document cannot be copied, photocopied or reproduced, in part or completely, without prior written consent from D.T.S. D.T.S. reserves the right to make any aesthetic, functional or design modifications to any of its products without prior notice. D.T.S. assumes no responsibility for the use or application of the products or circuits described herein.

Les informations contenues dans le présent manuel ont été rédigées et contrôlées avec le plus grand soin. Nous déclinons toutefois toute responsabilité en cas d'éventuelles inexactitudes. Tous droits réservés. Ce document ne peut être copié, photocopié ou reproduit, dans sa totalité ou partiellement, sans le consentement préalable de D.T.S.

D.T.S. se réserve le droit d'apporter toutes modifications et améliorations esthétiques, fonctionnelles ou de design, sans préavis, à chacun de ses produits. D.T.S. décline toute responsabilité sur l'utilisation ou sur l'application des produits ou des circuits décrits.

Las informaciones contenidas en este documento han sido cuidadosamente redactadas y controladas. Con todo, no se asume ninguna responsabilidad por eventuales inexactitudes. Todos los derechos han sido reservados y este documento no puede ser copiado, fotocopiado o reproducido, total o parcialmente, sin previa autorización escrita de D.T.S.

D.T.S. se reserva el derecho a aportar sin previo aviso cambios y modificaciones de carácter estético, funcional o de diseño a cada producto suyo. D.T.S. no se asume responsabilidad de ningún tipo sobre la utilización o sobre la aplicación de los productos o de los circuitos descritos.

FREELINE 60 FC

DTS Product codes:

03.LFB005E21FC25	FREELINE 60 FC Medium flood lenses Silver finishing
03.LFB005E21FC40	FREELINE 60 FC Wide flood lenses Silver finishing
03.LFB005E21FCE7	FREELINE 60 FC 60°x10° lenses Silver finishing

LED technology

8 x FULL RGBW LEDs
 3440 Lumens @ 700mA
 LEDs average lifespan: 50.000 hours (70% lumen output)

Optical group

3 lenses sets available: Medium flood; Wide flood; 60°x10°

Control

DMX 512 / RDM / Art-Net (DRIVENET 416, 832 or 1664 PSU is required)

Protection

IP65 protection level against the penetration of solids and liquids

Construction

FREELINE 60 is made on extruded aluminium

Power supply

DRIVENET 416 or 832 PSU (full-range 100-240Vac 50-60 Hz)
 DRIVENET 1664 PSU (range 180-240Vac 50-60 Hz)

Power consumption

Max 80W @ 700mA

Connections

30 cm cable with M12 male connector

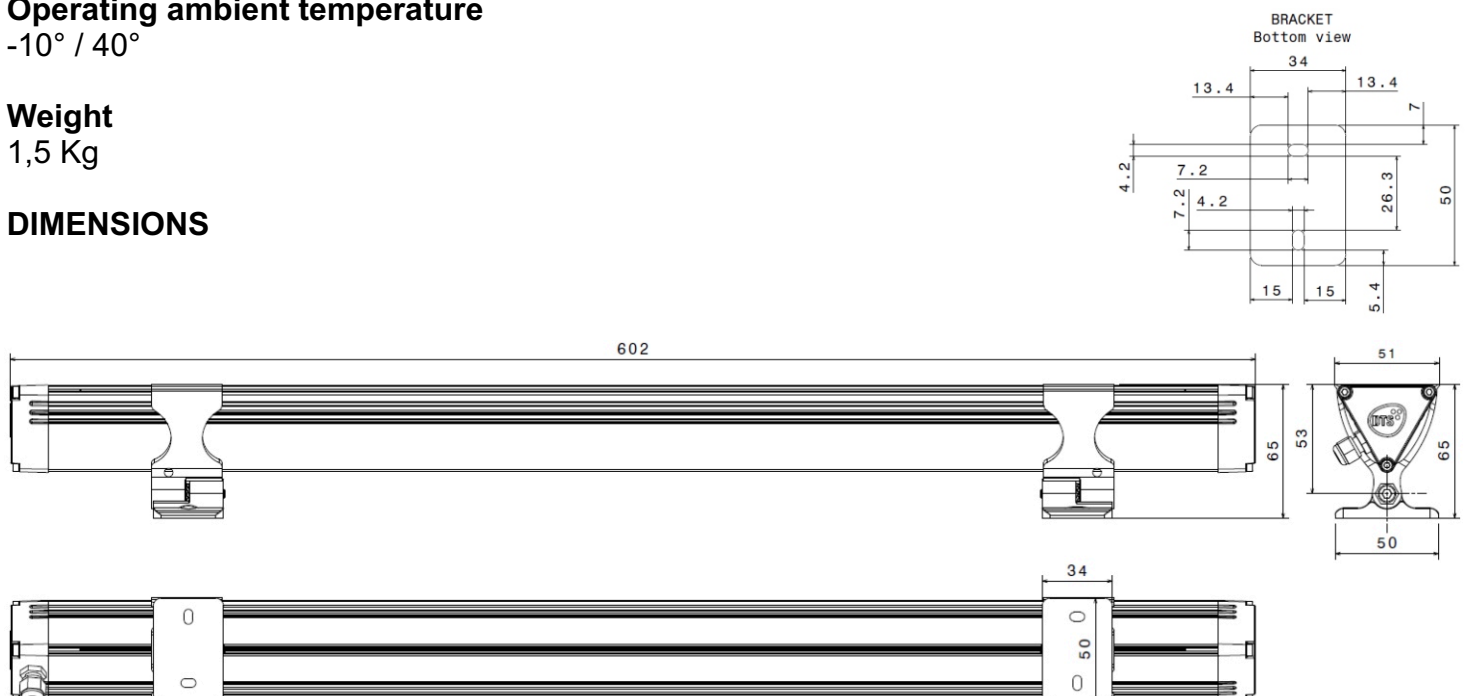
Operating ambient temperature

-10° / 40°

Weight

1,5 Kg

DIMENSIONS



FREELINE 90 FC

DTS Product codes:

03.LFB006E21FC25	FREELINE 90 FC Medium flood lenses Silver finishing
03.LFB006E21FC40	FREELINE 90 FC Wide flood lenses Silver finishing
03.LFB006E21FCE7	FREELINE 90 FC 60°x10° lenses Silver finishing

LED technology

12 x FULL RGBW LEDs
5160 Lumens @ 700mA
LEDs average lifespan: 50.000 hours (70% lumen output)

Optical group

3 lenses sets available: Medium flood; Wide flood; 60°x10°

Control

DMX 512 / RDM / Art-Net (DRIVENET 416, 832 or 1664 PSU is required)

Protection

IP65 protection level against the penetration of solids and liquids

Construction

FREELINE 90 is made on extruded aluminium

Power supply

DRIVENET 416 or 832 PSU (full-range 100-240Vac 50-60 Hz)
DRIVENET 1664 PSU (range 180-240Vac 50-60 Hz)

Power consumption

Max 120W @ 700mA

Connections

30 cm cable with M12 male connector

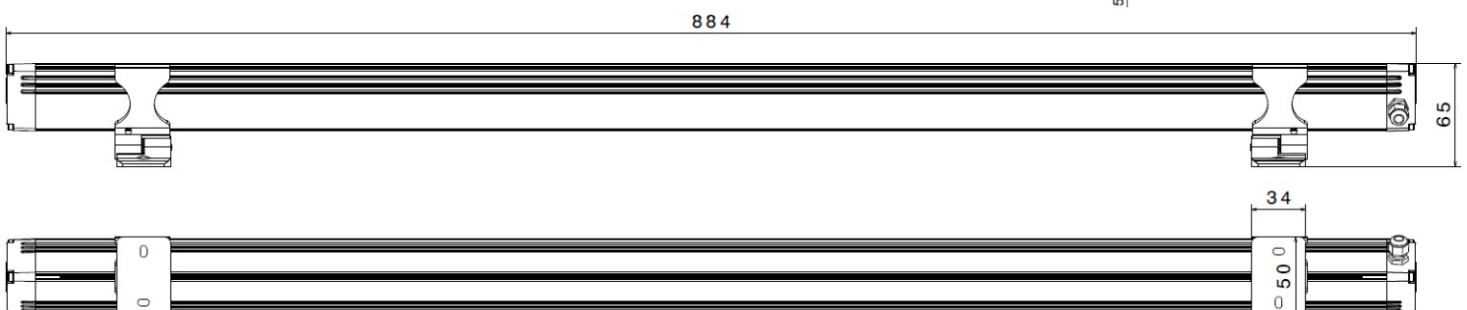
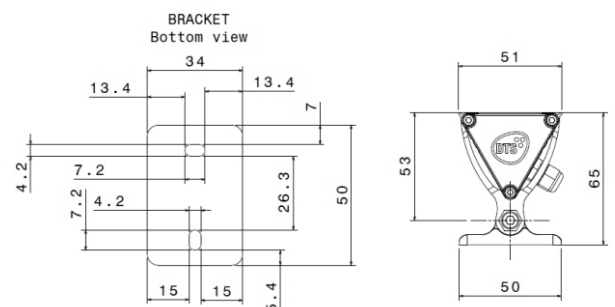
Operating ambient temperature

-10° / 40°

Weight

2 Kg

DIMENSIONS



ACCESSORIES

- DRIVENET 416 PSU (Code 03.LA.196)
- DRIVENET 832 PSU (Code 03.LA.177)
- DRIVENET 1664 PSU (Code 03.LA.198)

IMPORTANT SAFETY INFORMATION

Fire prevention:

It is permissible to place the unit on normally flammable surfaces.
Suitable for mounting on normally flammable materials surfaces greater than 200°C with some combustion time lag.

Safety:

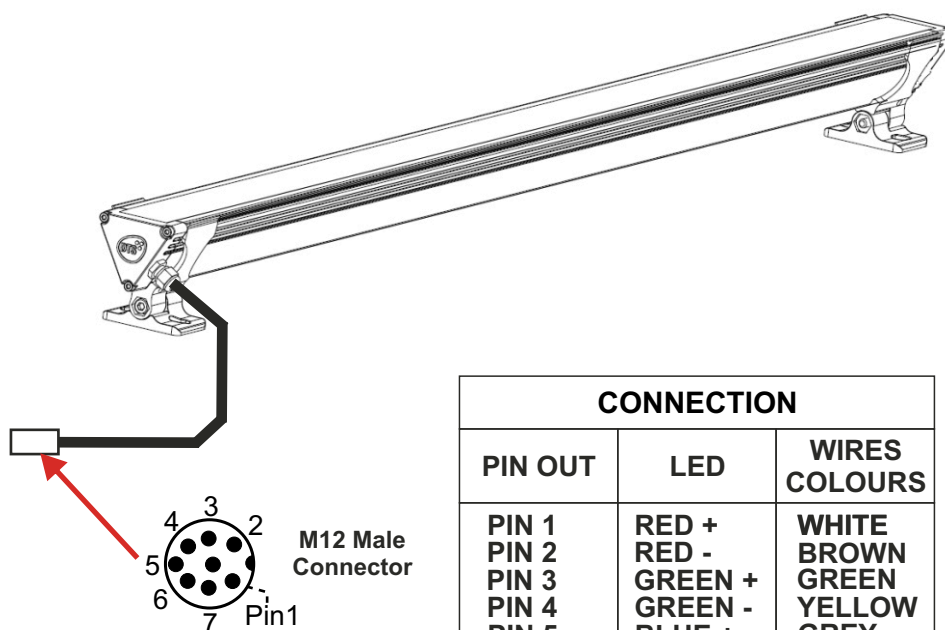
The external surface of the unit may exceed 50°C, never handle the unit until at least 5 minutes have elapsed since the unit was turned off.

Never install the unit in an enclosed area lacking sufficient air flow.

The ambient temperature should not exceed 40°C and should not be lower than -10°C.

WIRING DIAGRAMS

FREELINE 60 FC and FREELINE 90 FC are provided with 30 cm cable with M12 male connector.

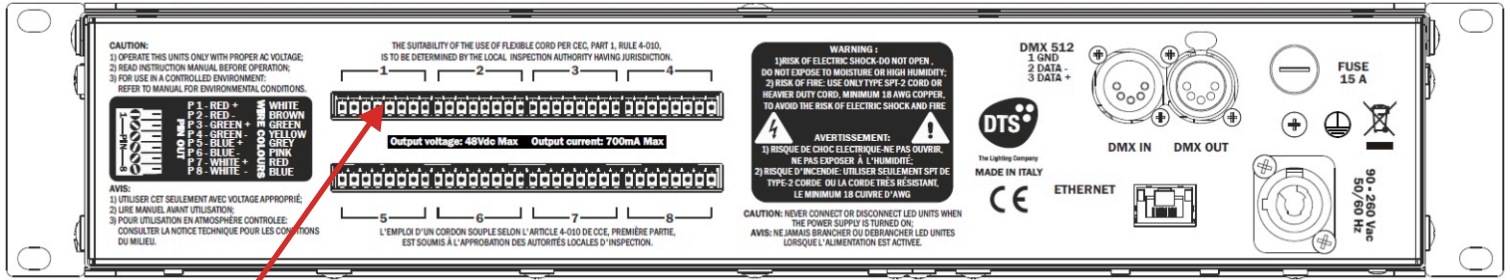


CONNECTION		
PIN OUT	LED	WIRES COLOURS
PIN 1	RED +	WHITE
PIN 2	RED -	BROWN
PIN 3	GREEN +	GREEN
PIN 4	GREEN -	YELLOW
PIN 5	BLUE +	GREY
PIN 6	BLUE -	PINK
PIN 7	WHITE -	BLUE
PIN 8	WHITE +	RED

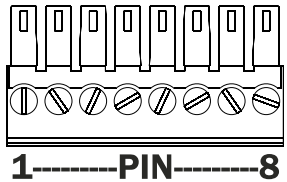
The maximum distance between the DRIVENET PSU and the unit should not exceed 100 meters.

WIRING CONNECTIONS

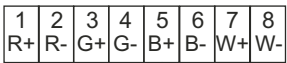
DRIVENET 832 PSU (Code 03.LA.177)



8 poles screw terminals



LEDs OUTPUT 1



CONNECTION		
PIN OUT	LED	WIRES COLOURS
PIN 1	RED +	WHITE
PIN 2	RED -	BROWN
PIN 3	GREEN +	GREEN
PIN 4	GREEN -	YELLOW
PIN 5	BLUE +	GREY
PIN 6	BLUE -	PINK
PIN 7	WHITE +	RED
PIN 8	WHITE -	BLUE

8 poles to M12 female cable converter



CONNECTION		
PIN OUT	LED	WIRES COLOURS
PIN 1	RED +	WHITE
PIN 2	RED -	BROWN
PIN 3	GREEN +	GREEN
PIN 4	GREEN -	YELLOW
PIN 5	BLUE +	GREY
PIN 6	BLUE -	PINK
PIN 7	WHITE -	BLUE
PIN 8	WHITE +	RED

The maximum number of FREELINE 60 FC or FREELINE 90 FC unit connectable to each output of the DRIVENET 832 is 1 piece.

NEVER CONNECT OR DISCONNECT THE UNIT WHEN THE POWER SUPPLY IS TURNED ON.

The maximum distance between the DRIVENET PSU and the unit should not exceed 100 meters.

NOTES

PROUDLY
MADE IN ITALY



DTS products are designed
and manufactured at the
DTS plants in Italy



ISO 9001:2008

DTS quality system is certified
to the ISO 9001:2008 standard

D.T.S. Illuminazione s.r.l - Via Fagnano Selve 12-14
47843 Misano Adriatico (RN) Italy
Tel.: +39 0541 611131 Fax +39 0541 611111
Info@dts-lighting.it www.dts-lighting.it



05171242.FC