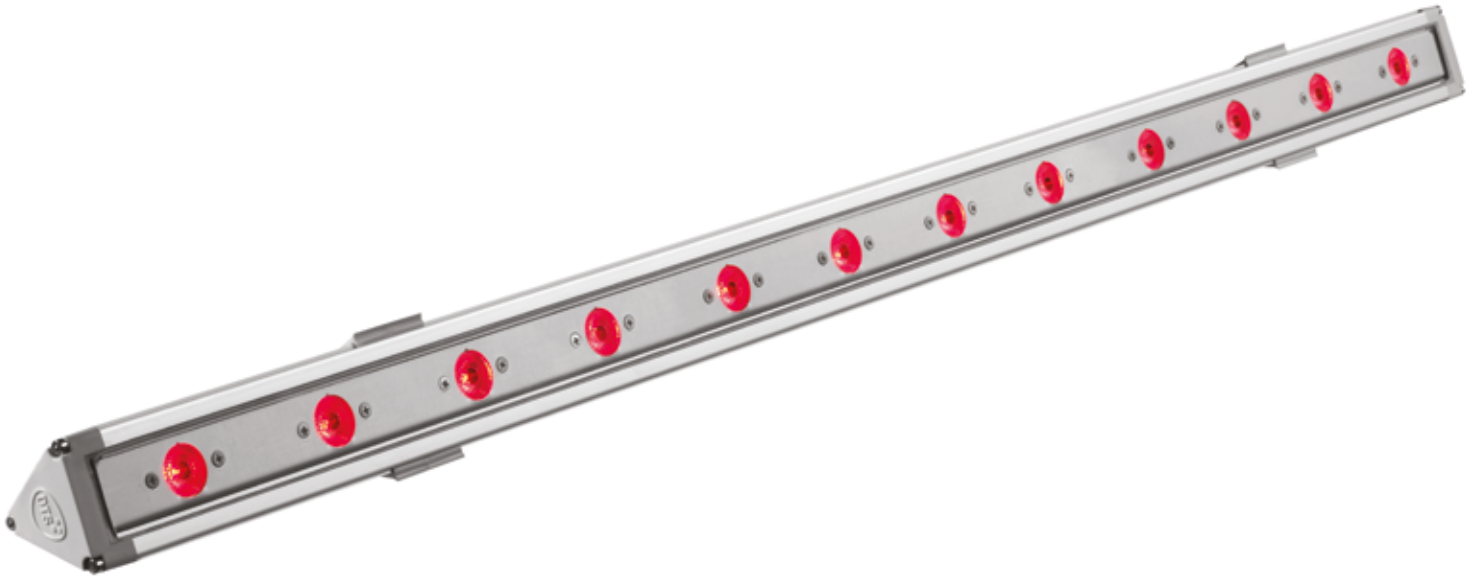
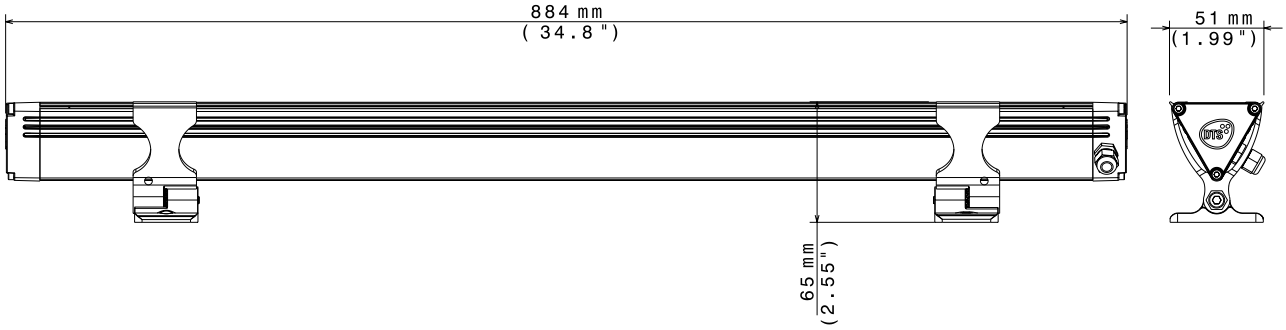
FREELINE 90 FC

THE COMPACT, STYLISH OUDOOR LED BAR, AVAILABLE WITH A CHOICE OF BEAM ANGLES

FREELINE is a **powerful LED light bar** in a very compact size. Developed with a stylish design, **it is suitable for indoor or outdoor applications** (IP65-rated). FREELINE is available with **different beam angles** and it can be fitted with **additional filters** to further enlarge its projections range. The unit must be powered by external PSUs as the DTS DRIVENET series.





LED | FC Full Color | Lens Sets | IP IP65 | remote PSU | IK09 | °C -10° +40°

CE

MF LENS 26°
03.LFB006E21FC25

WF LENS 42°
03.LFB006E21FC40

60°x10°
03.LFB006E21FCE7

REV. 2-2019

OUTPUT
- 12 Full Color (RGBW) LEDs
- Lumens 5,160 @ 700mA
- LED lifespan: 50,000 hours (70% lumen output)

OPTICAL GROUP
- 3 lenses sets available: 26° / 42° / 60°x10°
- Uniform projection on surfaces

POWER SUPPLY
- External PSU:
  - DRIVENET 28C DIN @48Vdc
  - DRIVENET 28 EZ / 416 (Full-range 100-240Vac 50-60 Hz)
  - DRIVENET 832 PSU (Full-range 100-240Vac 50-60 Hz)
  - DRIVENET 1664 (range 180-240Vac 50-60 Hz)
- Power consumption: 120 W max

CONNECTIONS
30 cm cable with M12 connector

OPERATING TEMPERATURE
-10° / 40° C

PHYSICAL
- IP65
- IK protection degree: IK09
- Housing: Aluminium
- Weight: 2 Kg (4.4 lbs)
- Finishing: Silver

SHIPPING
- Packaging: Carton box
- Box size: 1060 x 160 x 200 mm (41.7" x 6.3" x 7.9")
- Box weight: 3.3 Kg (7.3 lbs)

CONNECTIONS CHART

DRIVENET 28C DIN @48Vdc	DRIVENET 28 EZ	DRIVENET 416	DRIVENET 832	DRIVENET 1664
Max 2 (1 item per output)	Max 2 (1 item per output)	Max 4 (1 item per output)	Max 8 (1 item per output)	Max 16 (1 item per output)

ACCESSORIES INCLUDED
- M12 Female cable connector (code 0520P050)

ACCESSORIES ON REQUEST
- Flexi bracket (code 02SK0250.26)
- Outdoor Extension Cable M12 Female + end-stripped 8-pole (various lengths availables)

PHOTOMETRIC DATA

LEDs current 700mA

		mt 3 ft 9.84	mt 6 ft 19.68	mt 9 ft 29.53	mt 12 ft 39.37	mt 15 ft 49.21
BEAM ANGLE 26°	lux center (lx)	1901	475	211	119	76
	foot candles (fc)	177	44	20	11	7
	diameter (cm)	139	277	416	554	693
	diameter (ft)	4.54	9.09	13.63	18.18	22.72

		mt 3 ft 9.84	mt 6 ft 19.68	mt 9 ft 29.53	mt 12 ft 39.37	mt 15 ft 49.21
BEAM ANGLE 42°	lux center (lx)	1204	301	134	75	48
	foot candles (fc)	112	28	12	7	4
	diameter (cm)	230	461	691	921	1152
	diameter (ft)	7.56	15.11	22.67	30.23	37.78

		mt 3 ft 9.84	mt 6 ft 19.68	mt 9 ft 29.53	mt 12 ft 39.37	mt 15 ft 49.21
	lux center (lx)	2894	724	322	181	116
	foot candles (fc)	269	67	30	17	11
BEAM ANGLE 60° X-axis	diameter (cm)	346	693	1039	13,86	17,32
	diameter (ft)	11,37	22,73	34,10	45,46	56,83
BEAM ANGLE 10° Y-axis	diameter (cm)	52	105	157	210	262
	diameter (ft)	1.72	3.44	5.17	6.89	8.61