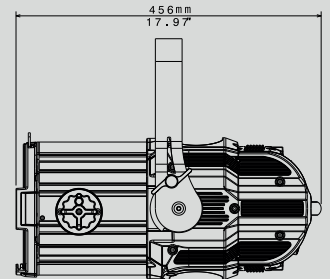
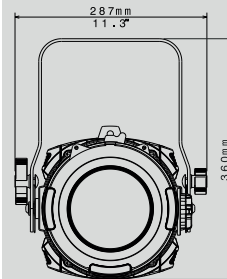
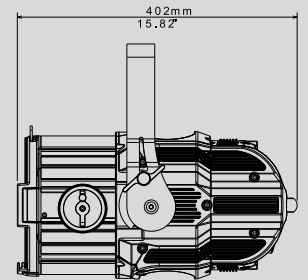
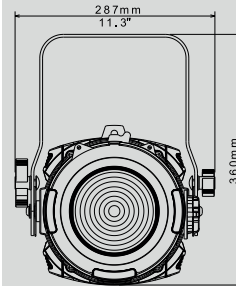


# TENORE 3 WH



THE UN-CONVENTIONAL FRESNEL  
OR ANTIHALO SPOT WITH WHITE  
SOURCE



## FEATURES



## OPTIONALS

## CERTIFICATIONS



## CODES

### TENORE 3 - FRESNEL LENS

3000 K - 03.TTN002.49.F

5700 K - 03.TTN003.49.F

### TENORE 3- PC - ANTIHALO LENS

3000 K - 03.TTN002.49.A

5700 K - 03.TTN003.49.A



## TECHNICAL DATA

### OUTPUT

- Single white 3000 K LED source
  - Lumens output: 7,400 lm (Fresnel lens)
  - Lumens output: 2,300 lm (PC lens)
  - CRI: >95
- Single white 5700 K LED source
  - Lumens output: 8,700 lm (Fresnel lens)
  - Lumens output: 2,600 lm (PC lens)
  - CRI: >90
- Also available with 4000 K LED
  - Lumens output: 8,100 lm (Fresnel lens)
  - Lumens output: 2,500 lm (PC lens)
  - CRI: >95
- LED Lifespan: 20,000 hours (70% lumen output)

### OPTICAL GROUP

- Ø 130 mm Fresnel lens or Antihalo (PC) lens
- Linear zoom
  - 13° - 77° with Fresnel lens
  - 7° - 45° with PC lens

### DIMMER

- PWM Dimming technology

### CONTROL

- LCD graphic display + Jog Shuttle
- RDM/DMX 512 protocols
- 'Standard', 'Silent', 'Ultra Silent' and 'Automatic' fan modes
- Noise level
  - Fan Standard: 24dBA @ 1m (normal operation, 100% power)
  - Fan Silent: 23dBA @ 1m (normal operation, 100% power)
  - Fan Ultra Silent: 22dBA @ 1m (normal operation, 95% power)
  - Automatic: fans adapt to operational status (output power priority)
- Firmware updatable via DTS firmware uploader dongle

### DMX

- 4 DMX channels (Default)
  - Shutter; Dimmer 16bit; Fixture Control channel
- 1 DMX channels
  - Dimmer 8bit
- "Fine" mode
  - Dimmer 16bit

### POWER SUPPLY

- Wide range 100/240 Vac 50-60 Hz
- Power consumption: 145 W max / 230Vac
- Power Factor: PF >0.95

### CONNECTIONS

- DMX: XLR 5 pole In/Out panel connectors
- Power supply: PowerCON TRUE1 In/Out panel connectors

### CIRCUITS PROTECTIONS

- Overvoltage and overtemperature circuits protection

### OPERATING TEMPERATURE

-10° / 45° C

### STORAGE TEMPERATURE

-20° / 60° C

### PHYSICAL

- IP20
- Weight:
  - FR - 7.8 Kg (17.1 lbs)
  - PC - 8.6 Kg (19 lbs)
- Finishing: Black

## ACCESSORIES INCLUDED

- 1 x PowerCON TRUE1 female cable connector (code 0520P066)
- 1 x XLR 5 pins female cable connector (code 0508B147)
- 1 x XLR 5 pins male cable connector (code 0508B148)
- 1 x Filter frame Black finishing - already installed on the projector (code 02M093424.49)

## ACCESSORIES ON REQUEST

- Barndoor 4 leaf Black finishing (code 03.TBD06.49)
- Barndoor 8 leaf Black finishing (code 03.TBD08.49)
- Outdoor DMX cable 2 x 0,25 mm2 - Flame retardant (code 0509C158)
- Aliscraf clamp for Ø 48-51 mm tube-max load 100 Kg 8code 0521A033)
- Professional G-QUICK clamp - max load 100 Kg (code 0521A037)
- Safety cable 3 x 600 mm - BGV-C1 certified (code 0521A049)
  - Single stranded: Max 20 Kg (44 lbs)
  - Double stranded: Max 30 Kg (66 lbs)
- Safety cable for Barndoor / Filterframe - Ø 0,8mm (code 0521A048)
- DTS firmware uploader dongle (code 03.LA.206)

## PHOTOMETRIC DATA FRESNEL LENS

BEAM ANGLE 13° - @ 50%

BEAM ANGLE 77° - @ 10%

	BEAM ANGLE 13° - @ 50%					BEAM ANGLE 77° - @ 10%						
	mt 2 ft 6.56	mt 4 ft 13.12	mt 6 ft 19.68	mt 8 ft 26.25	mt 10 ft 32.81	mt 2 ft 6.56	mt 4 ft 13.12	mt 6 ft 19.68	mt 8 ft 26.25	mt 10 ft 32.81		
3000 K	17031	4258	1892	1064	681	lux center (lx)	2297	574	255	144	92	3000 K
	1583	396	176	99	63	foot candles (fc)	213	53	24	13	9	
4000 K	18680	4670	2080	1170	750	lux center (lx)	2520	630	280	158	101	4000 K
	1736	434	193	108	69	foot candles (fc)	234	59	26	15	9	
5700 K	19823	4956	2203	1239	793	lux center (lx)	2688	672	299	168	108	5700 K
	1842	461	205	115	74	foot candles (fc)	250	62	28	16	10	
	46	91	137	182	228	diameter (cm)	318	636	955	1273	1591	
	1.5	2.99	4.49	5.98	7.48	diameter (ft)	10.44	20.88	31.32	41.75	52.19	

## PHOTOMETRIC DATA PC LENS

BEAM ANGLE 7° - @ 50%

BEAM ANGLE 45° - @ 10%

	BEAM ANGLE 7° - @ 50%					BEAM ANGLE 45° - @ 10%						
	mt 2 ft 6.56	mt 4 ft 13.12	mt 6 ft 19.68	mt 8 ft 26.25	mt 10 ft 32.81	mt 2 ft 6.56	mt 4 ft 13.12	mt 6 ft 19.68	mt 8 ft 26.25	mt 10 ft 32.81		
3000 K	20700	5175	2300	1294	828	lux center (lx)	2370	600	263	148	95	3000 K
	1924	481	214	120	77	foot candles (fc)	220	55	24	14	9	
4000 K	22750	5685	2525	1420	910	lux center (lx)	2590	650	288	162	104	4000 K
	2112	528	235	132	84	foot candles (fc)	240	60	27	15	10	
5700 K	24000	6000	2700	1500	960	lux center (lx)	2820	700	313	176	113	5700 K
	2227	557	247	139	89	foot candles (fc)	261	65	29	16	10	
	24	49	73	98	122	diameter (cm)	166	331	497	663	828	
	0.8	1.61	2.41	3.21	4.01	diameter (ft)	5.44	10.87	16.31	21.74	27.18	