

ReLite Led Kit VariWhite for S4 Par ETC



Retrofit Lamp

KEY FEATURES

- **EASY LED RETROFIT** Designed to turn any full size Source Four Par incandescent fixture into an LED fixture
- **MULTIPLE OPTIONS** Available in 3.200 K and 5.600 K or tunable white from 2.700 K to 6.500 K color temperatures (CRI ≥ 95, up to 97)
- **IMPRESSIVE OUTPUT** As bright or brighter than most HPL lamps
- Smooth linear dimming
- Flicker-free ideal for TV/Broadcast installations
- Huge power savings (reduce your power consumption by over 90%) with almost no heat generated



GENERAL

LED Source	Modular multiple LEDs (CRI ≥ 95 up to 97)
Electronics Type	Flicker-free operation with LEDs frequency controlled via DMX or display from 600 to 19.000 Hz (3 different curves selectable)
Dimming	Smooth linear dimming, 4 dimming curves selectable (halo, exponential, logarithmic and linear)
Optical	Spot (1/2 peak angle: 25° - 1/10 peak angle: 40°), Flood (1/2 peak angle: 49° - 1/10 peak angle 76°)
Lens	Fresnel lens Ø 175 mm
IP Rating	20

ELECTRICAL

Power Supply Range	90-240 V, auto-sensing, 50/60 Hz
Power Consumption	155 W - 0.73 A at 230 V - cosφ 0,93
Power Connectors	In and Out PowerCon
Data Connectors	5 pin locking XLR In and Out connectors

CONTROL

Protocols	USITT DMX512A
DMX Channels	6 / 2 / 1
Interface	Setting, addressing, testing and measurements via LEDs display

LED

LED Source	Proportional control from 2.700 to 6.500 K
Estimated Led Lifetime (LM80)	A minimum of 80% of the initial luminous flux will be maintained after approx. 50.000 hours of usage

THERMAL

Controllable Fan	Yes, 2 different options (low, auto)
Ambient Operating Temperature	From -20° to +35°C (from -4° to +95° F)
Active Electronic Thermal	Active electronic thermal management

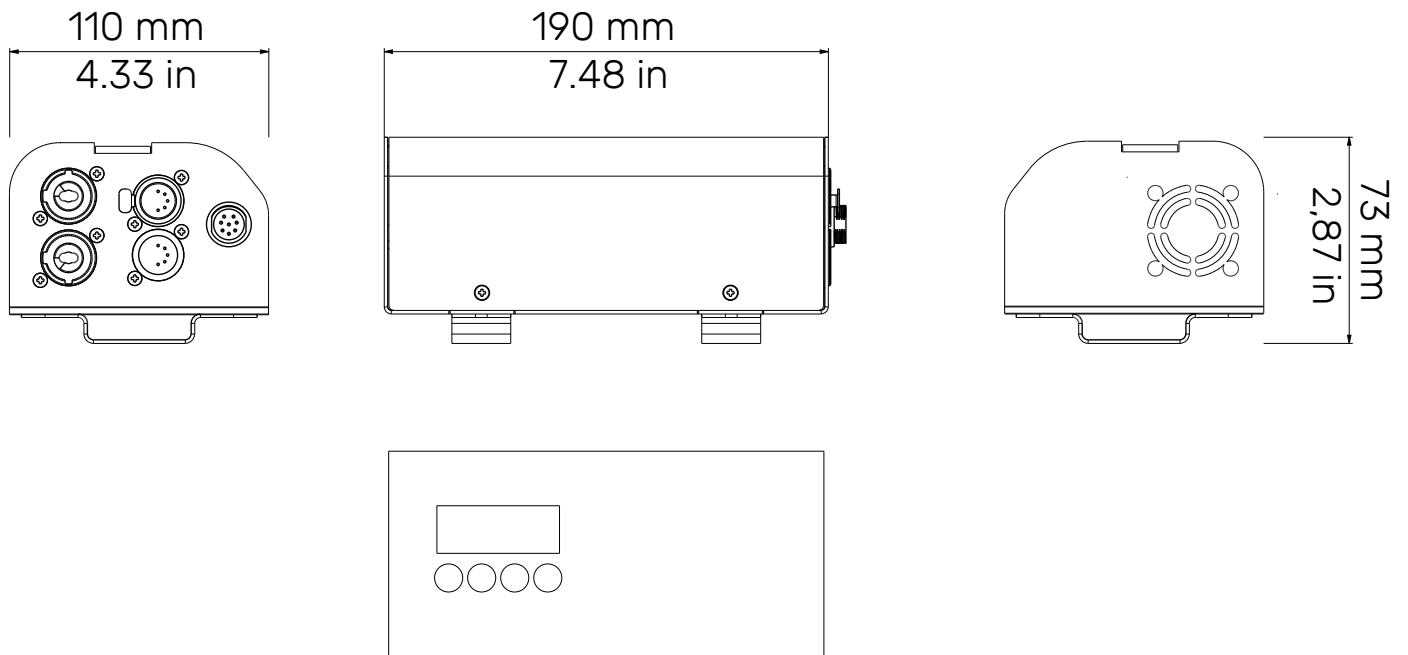
PHYSICAL

Mounting Options	Yoke
Control Box Body Material	Die-cast aluminum
Included Accessories	Control box fixing system: with clamp for truss fixing or yoke fixing

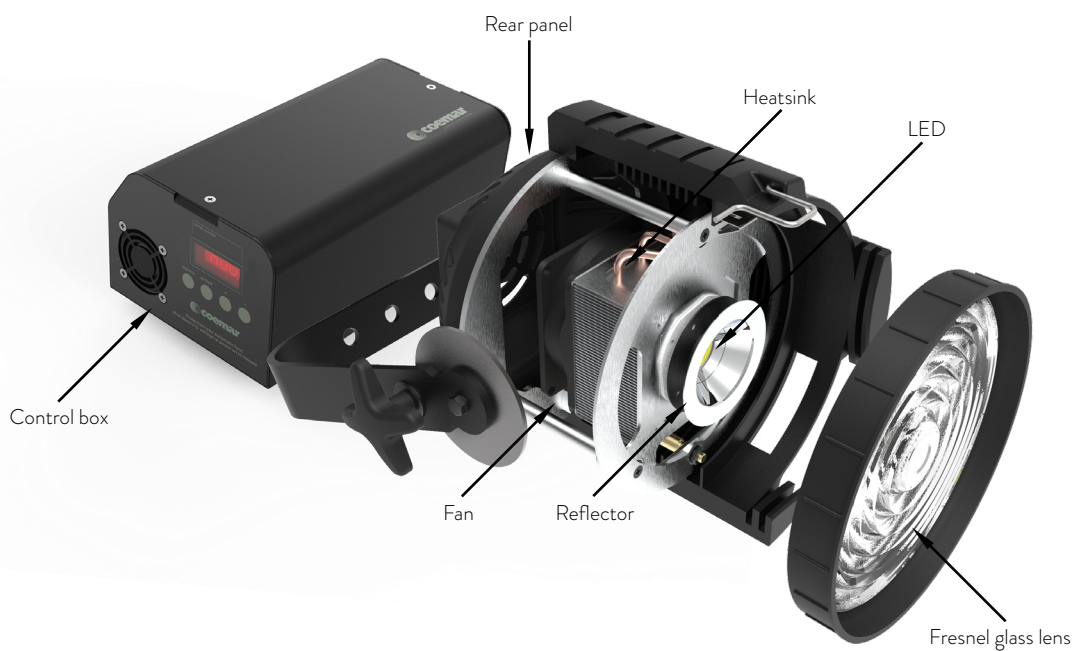
PHYSICAL SIZE (Control Box)

Length	190 mm (7.48 in)
Width	110 mm (4.33 in)
Height	73 mm (2.87 in)
Weight:	1.5 Kg / 3.31 lbs

DRAWING SIZE (Control Box)



RELITE LED KIT COMPONENTS (VariWhite Version)



DMX CHARTS (VariWhite Version)

6 channels	
1	master dimmer
2	dimmer fine
3	white tone
4	white fine tuning
5	strobe effect
6	special function

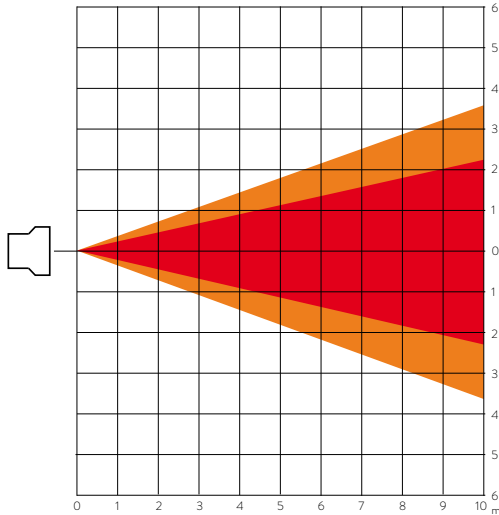
2 channels	
1	master dimmer
2	white tone

1 channel	
1	master dimmer

PHOTOMETRIC DATA (VariWhite Version)

Spot Beam Angle

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Luminous emittance (Lux)										
3.200 K	35438	8860	3938	2215	1418	984	723	554	438	354
4.200 K	41210	10303	4579	2576	1648	1145	841	644	509	412
5.600 K	45268	11317	5030	2829	1811	1257	924	707	559	453
1/2 peak angle Ø (m.)	0.44	0.89	1.33	1.77	2.22	2.66	3.10	3.55	3.99	4.43
1/10 peak angle Ø (m.)	0.73	1.46	2.18	2.91	3.64	4.37	5.10	5.82	6.55	7.28

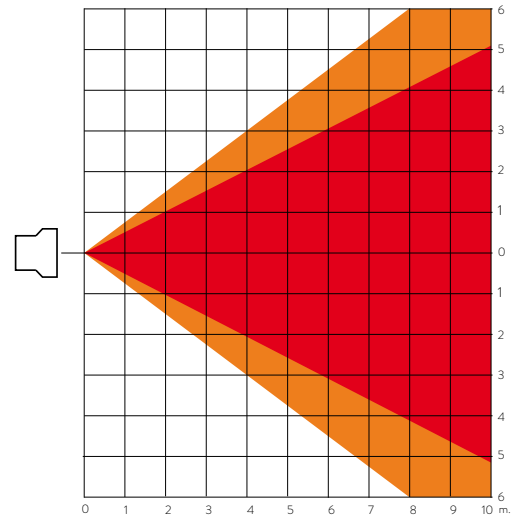


1/2 peak angle: 25°

1/10 peak angle: 40°

Flood Beam Angle

Distance (m.)	1	2	3	4	5	6	7	8	9	10
Luminous emittance (Lux)										
3.200 K	10687	2672	1187	668	427	297	218	167	132	107
4.200 K	11960	2990	1329	747	478	332	244	187	148	120
5.600 K	13283	3321	1476	830	531	369	271	208	164	133
1/2 peak angle Ø (m.)	0.91	1.82	2.73	3.65	4.56	5.47	6.38	7.29	8.20	9.11
1/10 peak angle Ø (m.)	1.56	3.13	4.69	6.25	7.81	9.38	10.94	12.50	14.06	15.63



1/2 peak angle: 49°

1/10 peak angle: 76°