

# LEKO LED PROFILE, TCW

Date: \_\_\_\_\_

Type: \_\_\_\_\_

Firm Name: \_\_\_\_\_

Project: \_\_\_\_\_

Leko® LED Profile- the modern successor to the iconic Leko that inspired generations of designers, this profile fixture is available in full color which uses a Red, Green, Blue, Amber, Lime & Cyan color mixing system for the mixable color spectrum. To compliment the Full Color version two white output versions, a warm tunable white (2700 K to 4500 K), and cold tunable white (4000 K to 6500 K) varieties, both of which offer a consistent CRI exceeding >94 CRI across all color temperatures. The entire Leko family offer, far more than just in innovated color control, each of the fixtures utilizes new fan control technically and functions ensures these new high powered LED fixtures are suitable for use in the quietest of applications. To simplify installations, the Leko LED uses the SPX Smart Gate found on legacy SPX and PL4 fixtures and is compatible with existing SPX lenses, optional universal lens tube are also available for use with legacy LEKO lens tube and other common lens systems.

- High output mid-sized LED theatrical luminaires - modern fixtures with quality you can trust.
- Tunable white with >94 CRI - adjust color temperature without compromising output or quality of light.
- Quiet operation with variable fan control - perfect for use in quiet environments.

- Adjustable frequency to exceed camera frame rates - camera-friendly fixtures for IMAG, event recordings, or TV and film applications.

For detailed product information, please refer to the Product Guide at <https://www.vari-lite.com/global/products/leko-led-profile-tcw>



\* shown with optional lens tube



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# Specifications

Due to continuous improvements and innovations, specifications may change without notice.

## Source

LED	Bichromatic Light Engine
Source Max Power Consumption	250W
Source CCT	Variable, 4000 K to 6500 K
LED Refresh Rate	12 Hz to 25kHz
Dimming	Electronic 16-bit
Dimmer Curves	Square Law (Default), Linear, S -Curve
Strobe Speed	0 - 30Hz
Strobe Modes	Standard, Lightening, Random

## Optical Performance

Output Lumens	Standard - 9,300
CRI RA	96
CRI R9	90
Tm30	Rf 89 / Rg 98
TLCI	94

## Color System

Variable CTB	4000 K to 6500 K
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## Imaging

Shutter	4 Blade - 360° Continuous Rotation
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## Electrical

Max output Power Consumption	300 W
Power Connection	TrueOne Compatible - In / Thru Power cable not included - input connector only
Input Voltage	100–240 VAC, 50 / 60 Hz

## Data

Supported Protocols	DMX512-A (RDM)
DMX Modes	
16-Bit (default)	7 Channels
8-Bit	5 Channels
2 Channel	2 Channels
Data Connections	5 - Pin XLR Input and Thru
Manual Preset Mode	Advanced Feature local control

## Noise Level / Fan Control (Base Level 30 dB @ 1 m (3.3 ft))

Standard Mode	43 dB
Studio Mode	40 dB
Whisper Mode	30 dB
Fan Mode	Continuous (On) / Auto Ramping
Fan Level Preset	Standard, Studio, Whisper
Cooling System Type	Hybrid sealed liquid and forced air system

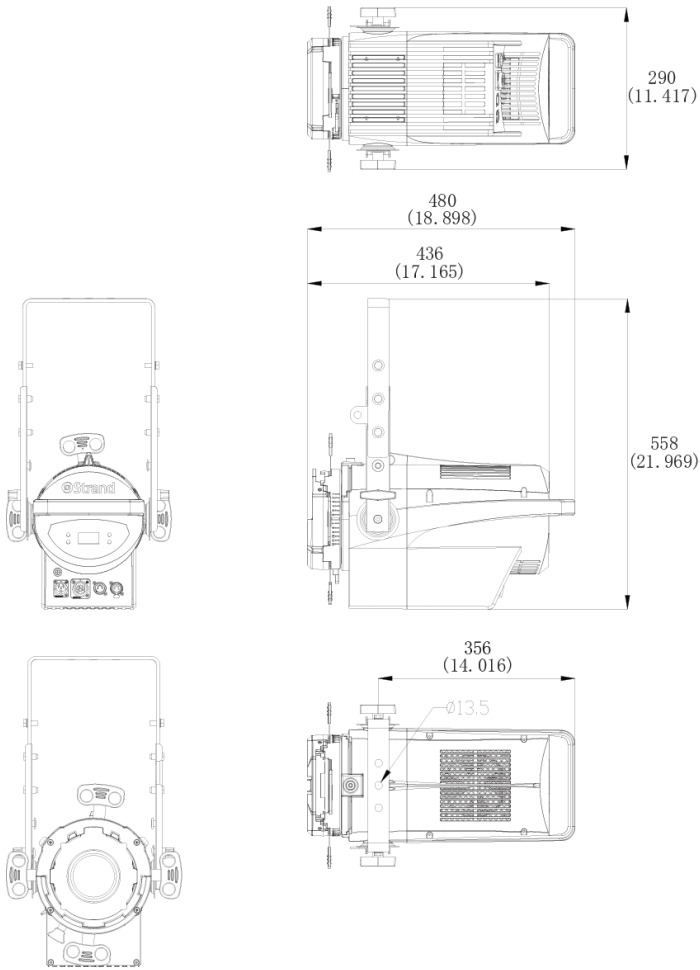
## Mounting

Yoke	Double clutch locking yoke >270° Swivel Yoke M12 (1/2") Centre hole
Fixture mounting/Hanging orientation	Hanging - Floor - Side
Secondary Safety Wire Point	1 x Safety point located on rear of fixture housing Safety Wire not included

## Photometrics and IES Files

For IES files and photometric reports, please refer to the product page:  
<https://www.vari-lite.com/global/products/leko-led-profile-tcw>

# Dimensions



## Physical

Construction	Superstructure made of Aluminum, and steel metal plates, Covers Aluminum
IP Rating	IP20
Standard Finish	Black, White
Dimensions	558 x 290 x 480 mm (22.0 x 11.0 x 19.0 in)
Packed Dimensions	380 x 335 x 623 mm (15.0 x 14.0 x 25.0 in)
Fixture Weight	9.0 kg (21.0 lb)
Operating Temperature	0-45°C (32-113°F)

## Certification and Safety

Approbations	CE, ETL, UL, FCC CSA, RoHS, ISO 9001
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PLT SERIES	ORDER CODE
PLT 10° lens tube black	64010-002
PLT 10° lens tube white	64010-102
PLT 14° lens tube black	64010-003
PLT 14° lens tube white	64010-103
PLT 19° lens tube black	64010-004
PLT 19° lens tube white	64010-104
PLT 26° lens tube black	64010-005
PLT 26° lens tube white	64010-105
PLT 36° lens tube black	64010-006
PLT 36° lens tube white	64010-106
PLT 5° lens tube black	64010-001
PLT 5° lens tube white	64010-101
PLT 50° lens tube black	64010-007
PLT 50° lens tube white	64010-107
PLT 70° lens tube black	64010-008
PLT 70° lens tube white	64010-108
SPX ZOOM SERIES	ORDER CODE
25°-50° zoomspot lens tube black	SPX2550LT
15°-35° zoomspot lens tube black	SPX1535LT
SPX FIXED	ORDER CODE
14° fixed beam lens tube black	SPX14LT
19° fixed beam lens tube black	SPX19LT
26° fixed beam lens tube black	SPX26LT
36° fixed beam lens tube black	SPX36LT
50° fixed beam lens tube black	SPX50LT
LENS HOLDERS/ADAPTERS	ORDER CODE
PLT FIXED LENS, 4 - Lug lens tube adapter, for use with ACCLAIM PLE, and LEKO LED Light sources, Black	64010-012
PLT FIXED LENS, 4 - Lug lens tube adapter, for use with ACCLAIM PLE, and LEKO LED Light sources, White	64010-112
Universal tube adapter black	PLPF4ULTA

# Luminaire and Accessories

Product type	Order Code
LEKO LED PROFILE, Tunable Cold White, Black	64505-001
LEKO LED TCW, 250w 4000 to 6500k Bichromatic Light Engine, c/w Power input connector, Black	
LEKO LED PROFILE, Tunable Cold White , White	64505-101
LEKO LED TCW, 250w 4000 to 6500k Bichromatic Light Engine, c/w Power input connector, White	

## Accessories

Manual Iris (fits Leko LED gate)	2180
18 Leaf iris (Fits in IRIS slot only), for use with SPX, PL4, SPX LED, and LEKO LED Light sources	
B sized metal gobo holder	2160
Gobo Holder B size metal gobo holder (Fits in gobo slot only), for use with SPX, PL4, SPX LED, and LEKO LED Light sources	
B sized glass gobo holder goes in iris slot	2178
Gobo Holder B size glass gobo holder (Fits in IRIS slot only), for use with SPX, PL4, SPX LED, and LEKO LED Light sources	



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