

LineLED Tunable White Series LLTW168X2-IP20



* MFG Model Number: LLTW51X2-XX



Features

LineLED Tunable White series is a small profile high performance LED strip. This Tunable White LED series offers a wide CCT range to create the perfect ambiance in real time. From bright white encouraging wakefulness, to warm amber sunsetting into relaxation, LineLED TW168X2-IP20 can transform any environment to match the natural human circadian rhythm. Industry-best color consistency with single-binned LEDs. This High Color Quality LED strip boasts CRIs and R9 values up to 98. It is easily installed within discrete aluminum extrusions with multiple mounting options.

Mounting

LED strip is equipped with 3M™ adhesive tape.

Applications

Indoor only - millwork, cove, architectural reveals, undercabinet, display case, handrail, accent lighting.

Approvals

CE, UKCA, UL, Class 2

Operating voltage

24 VDC

Average Life (L70)

50,000 hours

Warranty

7 years



RoHS

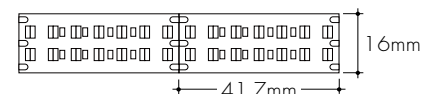
CE

UKCA



Technical information

TYPE	LLTW168X2-IP20	
OUTPUT OPTIONS	VHO (18K-30K)	VHO (27K-65K)
Lumens Output (all channels full on)	2349 lm/m	3025 lm/m
Average Power Consumption	31.2 W/m	
Efficacy	75 lm/W	97 lm/W
Cutting Increment (mm)	41.7 mm	
Pitch Length	12.0 mm	
Max Run Length (in series)	3.7 m	
Dimensions	16 mm W x 2.3 mm H	
Ambient Operating Temperature Range*	- 25°C – 25°C	



*VHO output must be paired with an aluminum channel

*Ambient Operating Temperature Range to maintain L70 of 50K+ hours in normal conditions. Exceeding Ambient Operating Temperature Range may result in decreased life/output. Consult Technical Support for specific inquiries.

TM-30					Multiplier (reference - 27K-65K)	
CCT	CRI	R _f	R _g	R ₉	CCT	
1800K	92	85	91	86	18K30K	0.78
2400K	95	93	106	98	27K65K	1.00
3000K	97	94	104	95		
2700K	97	95	103	93		
4200K	96	93	105	95		
6500K	91	90	101	63		

*2400K condition from both 1800K and 3000K channels on at full brightness. 4200K condition from both 2700K and 6500K channels on at full brightness.

Ordering code

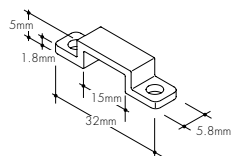
MODEL	OUTPUT	CCT	REEL SIZE
LLTW168X2-IP20 - LineLED Tunable White, Dry Location	VHO - Very High	18K-30K - 1800K - 3000K 27K-65K - 2700K - 6500K	R10m - Reel, 10 meter



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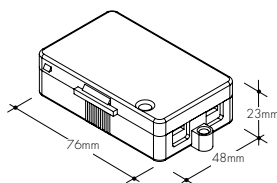
Accessories

CL2 Mounting clip

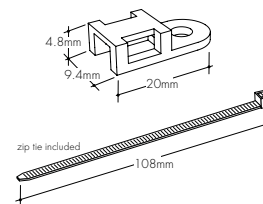


Recommended every 300mm when LineLED strip is facing down

LVSP-IP20-4T-BK Low Voltage, 4 Terminal Splice Box, Black



LL-ZIP Cable/Wire Strain Relief Clip



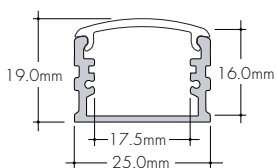
Lens Options / Light Transmission



Frosted



Basics X-Large Channel (BXC-XX)



F

Ordering code

MODEL	LENGTH	LENS	MOUNTING ¹	FINISH
BXC-Basics X-Large Channel	2M-2 meter	F-Frosted	FC-Fixed Clip	SA-Silver Anodized

1 - Extrusion comes with 4 selected clips and 2 end caps.

Installation

All mounting channels are field cuttable using miter saw with circular blade suitable for cutting aluminum.

Ordering

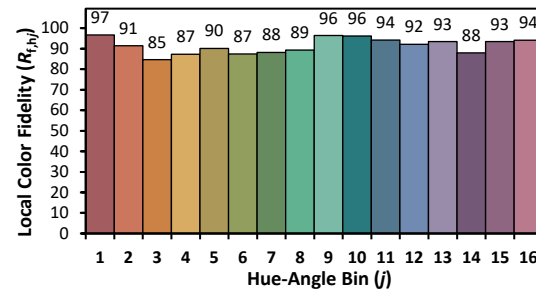
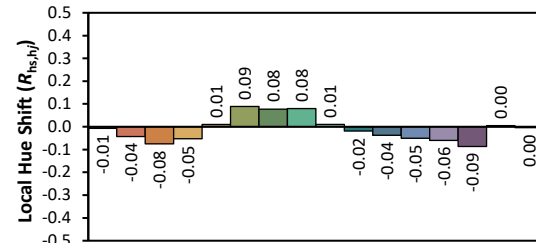
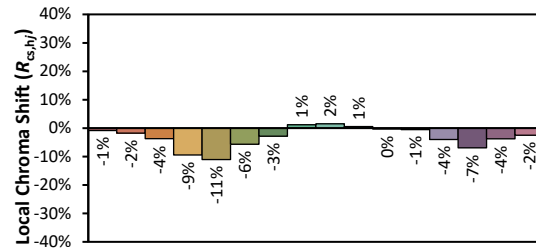
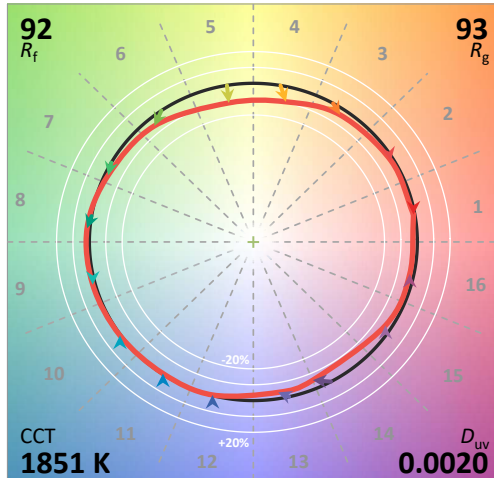
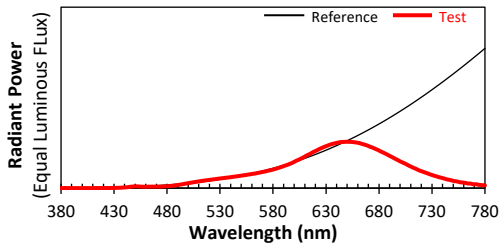
Extrusion are sold separately.



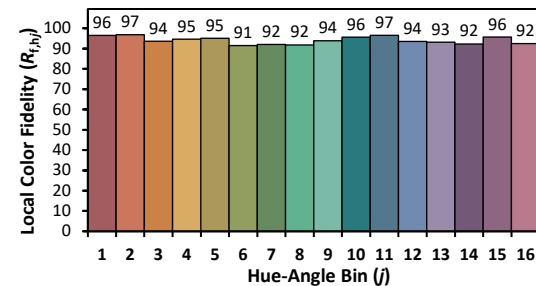
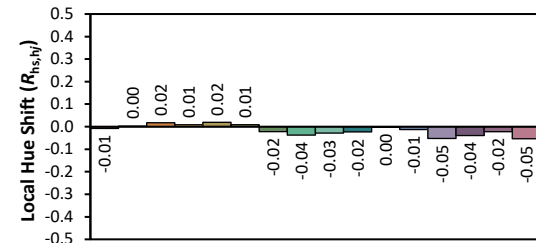
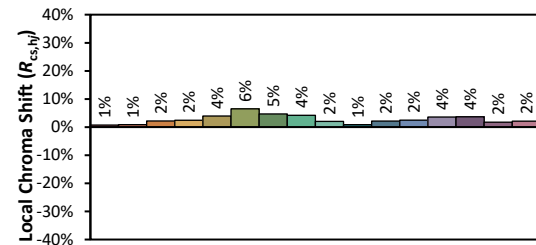
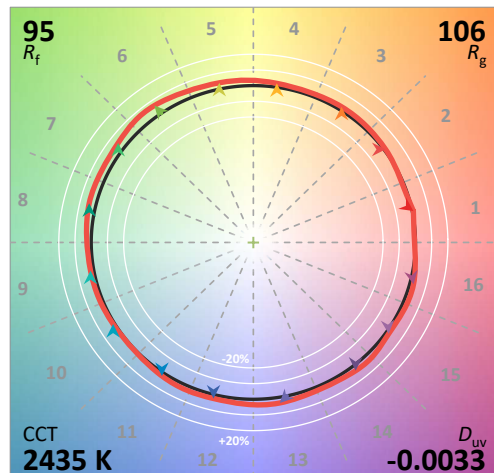
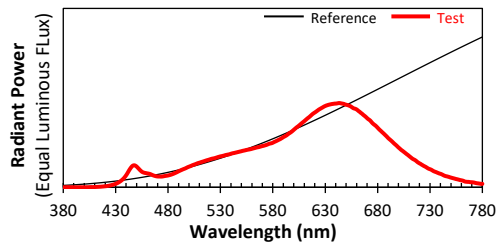
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TM-30-18: Data

1800K (1 channel on)



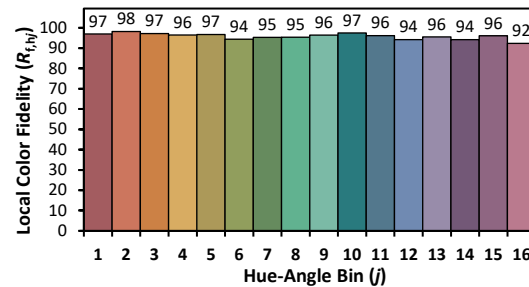
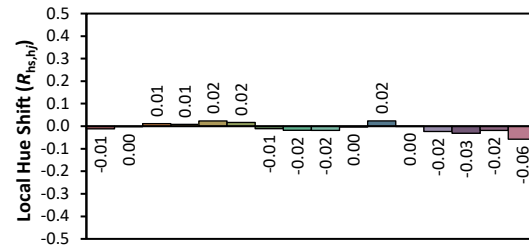
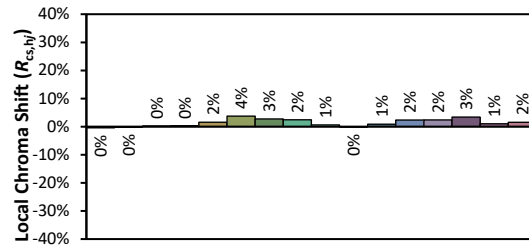
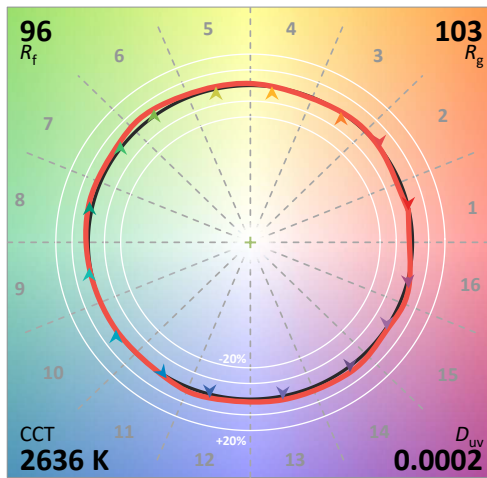
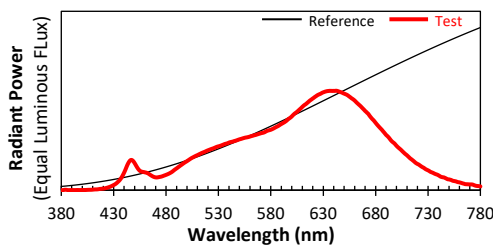
2400K (18K - 30K All on)



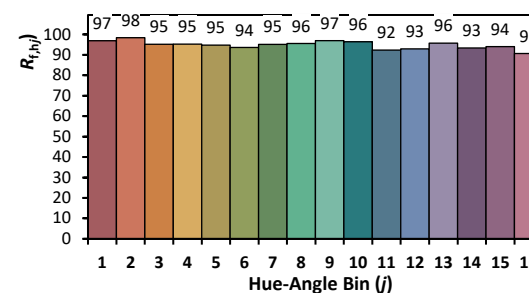
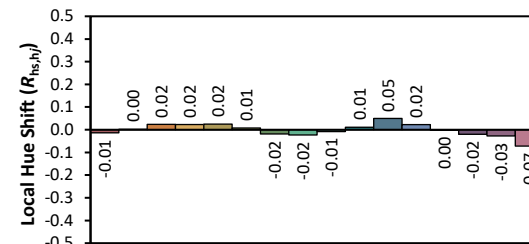
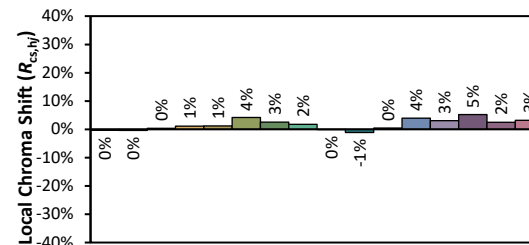
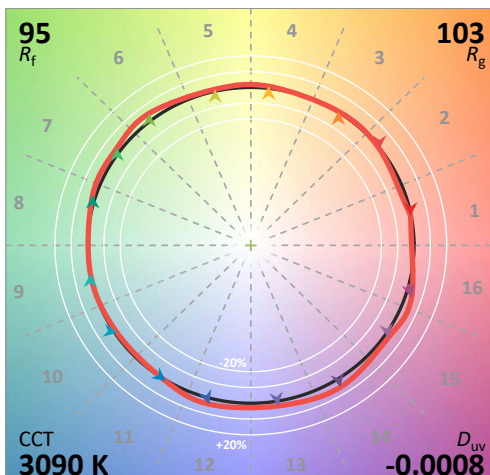
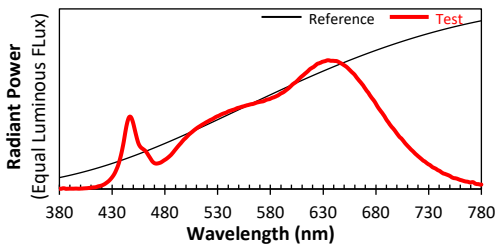
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TM-30-18: Data

2700K (1 channel on)



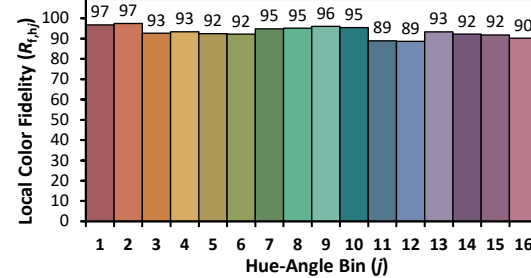
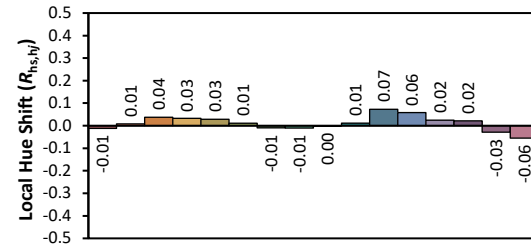
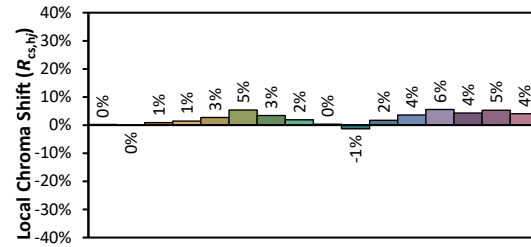
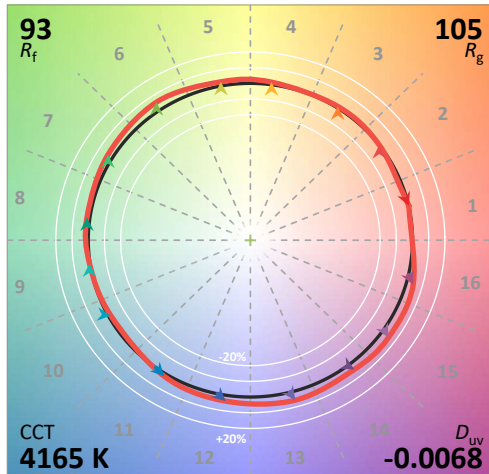
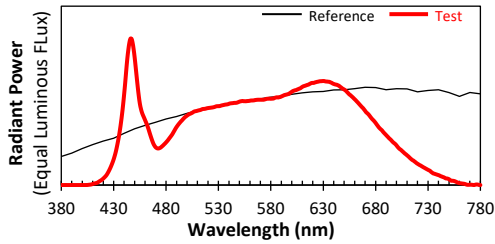
3000K (1 channel on)



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TM-30-18: Data

4200K (27K - 65K All on)



6500K (1 channel on)

