

GLIDE WOOD DOWNLIGHT SUSPENSION

CENTER FEED, DYNAMIC TUNABLE WHITE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 05.03.24



DESCRIPTION

Glide Wood Downlight with Dynamic/Tunable White is a linear LED Suspension that produces a clean Direct beam of illumination through a Diffused White 100° lens. Housed within Genuine hand-finished Hardwood, each suspension has it's own unique characteristics. Dynamic Tunable White 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Day Light White). **2K6K** is ideal for residential spaces including, dining rooms, bedrooms, living spaces, and bathrooms by allowing the user to achieve a warm glow during the golden hours of the early mornings and evenings. For commercial environments, **27K6** promotes focus and alertness which is ideal for offices, healthcare and education, while still achieving warmer color temperatures best for hospitality and retail environments. Human-Centric lighting, or tunable white, promotes performance, mood, and overall well-being by fine-tuning the emotional effects that light has on the circadian cycle. Requires two dimmers or, use our proprietary Tunable White Controller (**CDMX1**) for fast and accurate adjustment and three pre-set scenes (Ordered separately). Glide Wood Downlight is available in 8 standard lengths, with your choice of 5 Genuine Wood Finishes. Add White or Black louvers for additional diffusion. Order **GLUD** with power supplies included in the canopy or **GLUDR** remote power supplies, sold separately. Fixture includes a 5 year pro-rated warranty. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

INSTALLATION

- Remote Power: includes a 12" Linear Canopy for lengths up to 72" and a 26" linear canopy for longer lengths
- Power: includes a 26" linear canopy
- Includes adjustable 12' coaxial cables (fixtures exceeding 72" come with additional aircraft cables)

FINISHES



*Wood finishes are authentic natural products, exact color and grain may vary. If you are trying to match an existing material, please contact us for a finish sample. We are able to accommodate some requests to pair our wood finishes with COM.

LENS

- 100° diffused white lens with optional black or white louvers

LAMP

- Tunable White: 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control for adjusting color temperature and intensity
- 50,000 Hour Lamp Life

POWER & CANOPY SPECIFICATIONS

- Input Voltage: 120VAC - 277VAC
- 24VDC, Class 2 wiring
- Power Consumed: 5 or 10 watts per foot

GLD: POWER SUPPLY IN CANOPY (INCLUDED)

- Pure Smart™ WiZ Pro [Power Supplies](#) & [Smart Controls](#)
- **0-10V**: Requires two dimmers, one for intensity and one for kelvin color temperature

GLD_R: REMOTE POWER SUPPLIES, DIMMERS & CONTROLS (SOLD SEPARATELY)*

- **0-10V**: Requires two dimmers, one for intensity and one for color temperature
- **DMX Dynamic Color Changing**: Must be used with PureEdge [Controllers](#)

*In-Wall Mounting and drop ceiling Kits available for select power supplies

APPLICATIONS

Designed for indoor use only. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

APPROVALS

Damp Location, ETL Listed, Class 2 wiring, RoHS, Made in America

System	Wattage Per Foot	Power Feed	Length in Inches	Color Temperature	Wood Finish
GLDR	5W	C	36	2K6K	WM
GLDR Glide Downlight, Remote Power*	5W 5 Watts	C Center Feed	STANDARD SIZES	2K6K Tunable White 2000K-6500K	WM Wood Maple
GLDBR Glide Downlight with Black Louver, Remote Power*	10W 10 Watts		36, 48, 60, 72, 84, 96, 108, 120	27K6 Tunable White 2700K-6500K	WN Wood Walnut
GLDWR Glide Downlight with White Louver, Remote Power*					WC Wood Cherry
GLD Glide Downlight, Power					WO Wood White Oak
GLDB Glide Downlight with Black Louver, Power					WE Wood Espresso
GLDW Glide Downlight with White Louver, Power					

*Remote Power Supplies are required and sold separately

PROJECT		FIXTURE TYPE		DATE	
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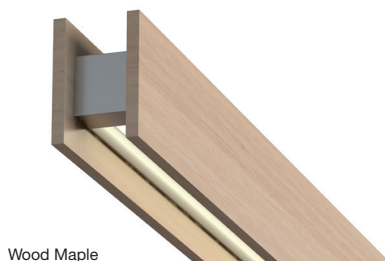
REV 05.03.24

NOMINAL DELIVERED LUMENS: Lamp data for the Glide Wood Downlight Center Feed

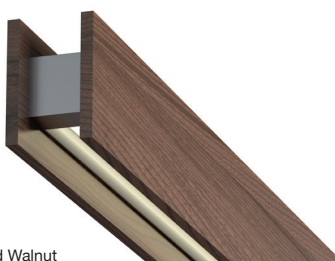
		GLD																											
		100° Diffused White Lens																											
DESCRIPTION		2K6K 5w (4.6 watts)								27K6 5w (4.6 watts)								2K6K 10w (9.6 watts)								27K6 10w (9.6 watts)			
WATTS PER FOOT																													
COLOR TEMPERATURE		20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K
LUMENS PER FOOT (lm/ft)		223	234	246	257	281	292	304	289	280	279	287	295	304	292	289	280	389	428	467	546	568	581	577	549	531	530	545	561
LUMENS PER WATT (lm/w)		56	51	53	56	61	64	76	72	71	70	72	72	71	71	72	71	49	51	53	57	62	63	63	60	66	66	59	61
CRI		83+	83+	92+	92+	92+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+	83+	83+	92+	92+	92+	93+	94+	93+	93+	93+	93+	94+

		GLDW																											
		100° Diffused White Lens with White Louver																											
DESCRIPTION		2K6K 5w (4.6 watts)								27K6 5w (4.6 watts)								2K6K 10w (9.6 watts)								27K6 10w (9.6 watts)			
WATTS PER FOOT																													
COLOR TEMPERATURE		20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K
LUMENS PER FOOT (lm/ft)		176	185	194	203	222	231	239	228	221	220	226	233	240	231	228	221	307	338	369	431	448	458	408	433	419	430	443	455
LUMENS PER WATT (lm/w)		44	40	42	44	48	50	60	57	56	55	57	57	56	56	57	56	38	40	42	45	49	50	51	47	52	47	48	49
CRI		83+	83+	92+	92+	92+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+	83+	83+	92+	92+	92+	93+	93+	93+	93+	93+	94+	94+

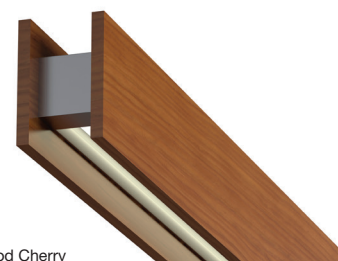
		GLDB																											
		100° Diffused White Lens with Black Louver																											
DESCRIPTION		2K6K 5w (4.6watts)								27K6 5w (4.6 watts)								2K6K 10w (9.6 watts)								27K6 10w (9.6 watts)			
WATTS PER FOOT																													
COLOR TEMPERATURE		20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K
LUMENS PER FOOT (lm/ft)		137	144	152	159	173	180	187	177	173	172	177	182	187	180	178	172	240	264	288	337	350	358	319	337	326	327	336	346
LUMENS PER WATT (lm/w)		34	31	33	34	38	39	47	39	38	43	44	44	44	44	45	44	30	31	33	35	38	39	40	38	37	41	37	38
CRI		83+	83+	92+	92+	92+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+	83+	83+	92+	92+	92+	93+	93+	93+	93+	93+	93+	94+



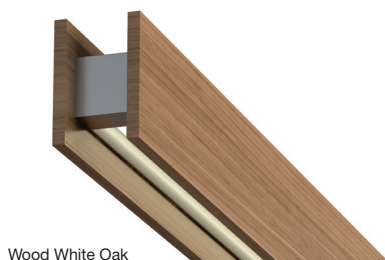
Wood Maple



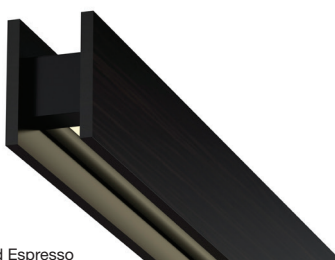
Wood Walnut



Wood Cherry



Wood White Oak



Wood Espresso

LENGTH & POWER SUPPLY CHART: Actual lengths for Glide Wood Downlight Dynamic Tunable White Channel

		5W			10W		
		WITH TWO DIMMERS: YOU NEED TWO POWER SUPPLIES, ONE FOR EACH CCT (SEE PAGES BELOW)		DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)	WITH TWO DIMMERS: YOU NEED TWO POWER SUPPLIES, ONE FOR EACH CCT (SEE PAGES BELOW)		DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)
ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH	TUNABLE @ 5 WATTS PER FT	POWER SUPPLY	POWER SUPPLY	TUNABLE @ 10 WATTS PER FT	POWER SUPPLY	POWER SUPPLY
36	36	15	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK	30	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK
48	48	20	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK	40	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK
60	60	25	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK	50	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK
72	72	30	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK	60	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK
84	84	35	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK	70	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK
96	96	40	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK	80	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK
108	108	45	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK	90	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK
120*	120	50	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK	100	PSB-2x96W-010-24VDC-2XK	PSB-100W-24VDC-2XK

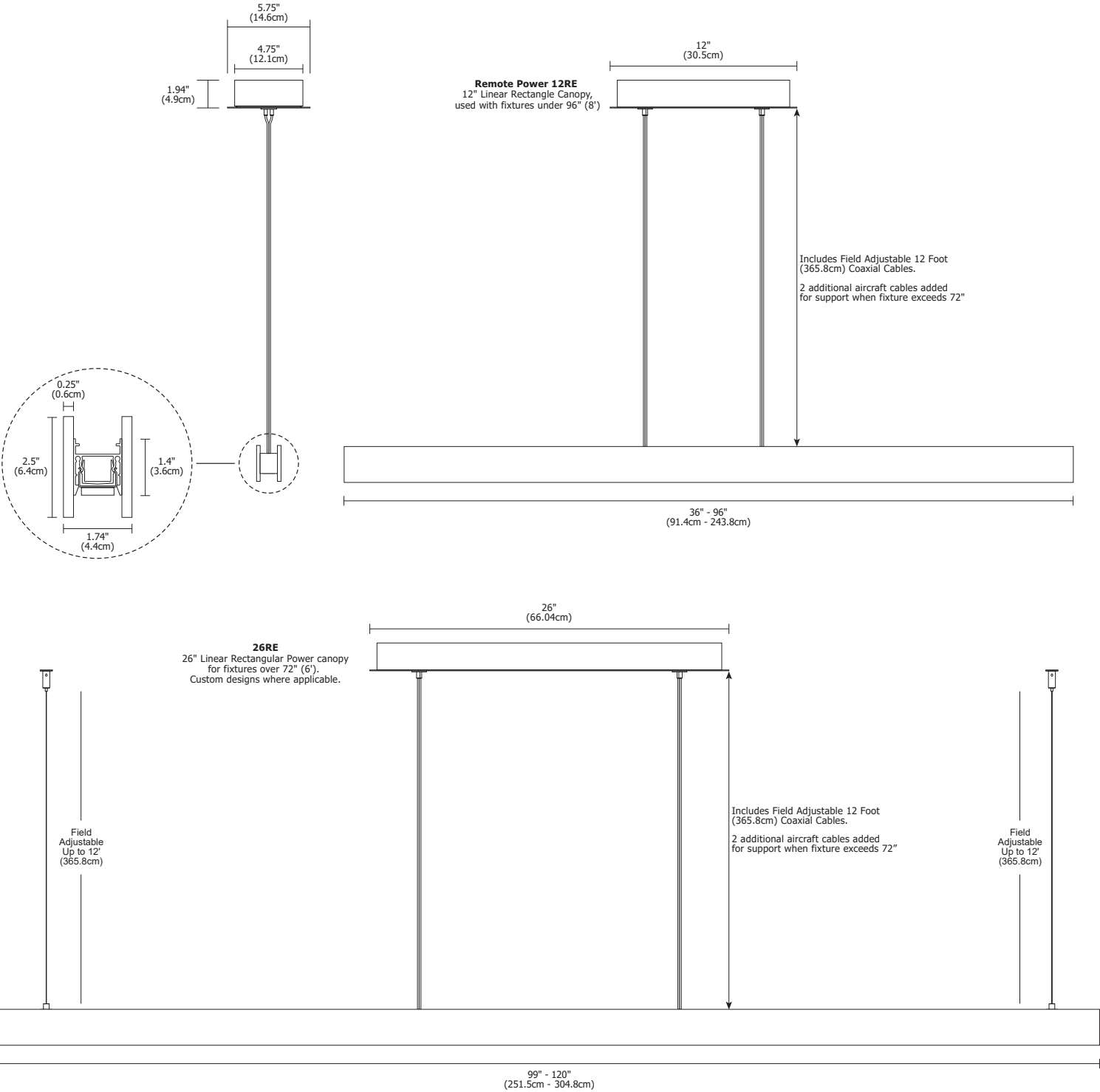
*Maximum Shipping Length

PROJECT		FIXTURE TYPE		DATE	
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DRAWINGS: Canopy and Channel Sizes for the Glide Wood Downlight - Center Feed



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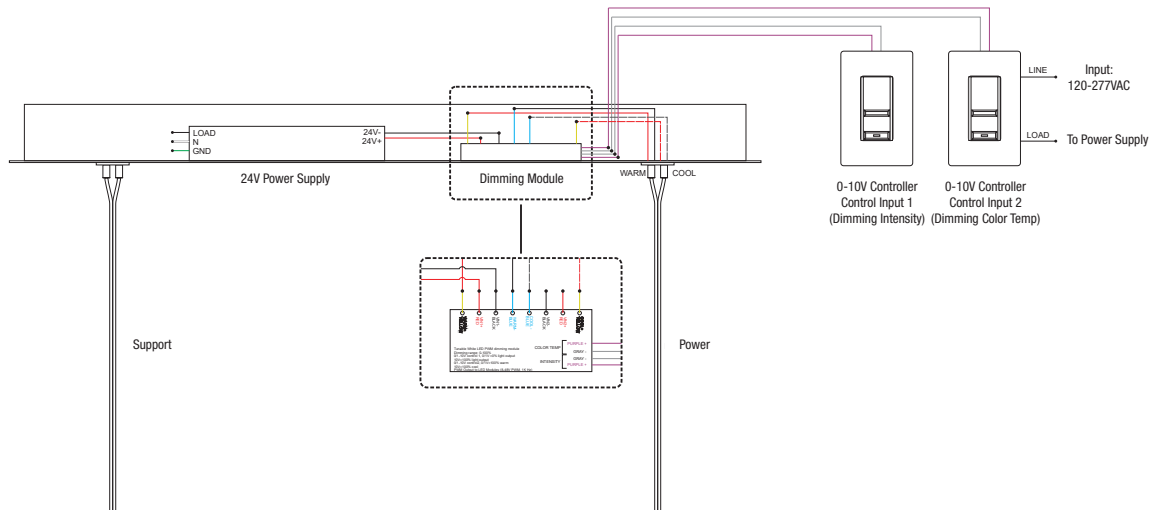
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WIRING DIAGRAM: Wiring diagram for 010 Dimming

Application: 0-10V Dual Dimming for Tunable White

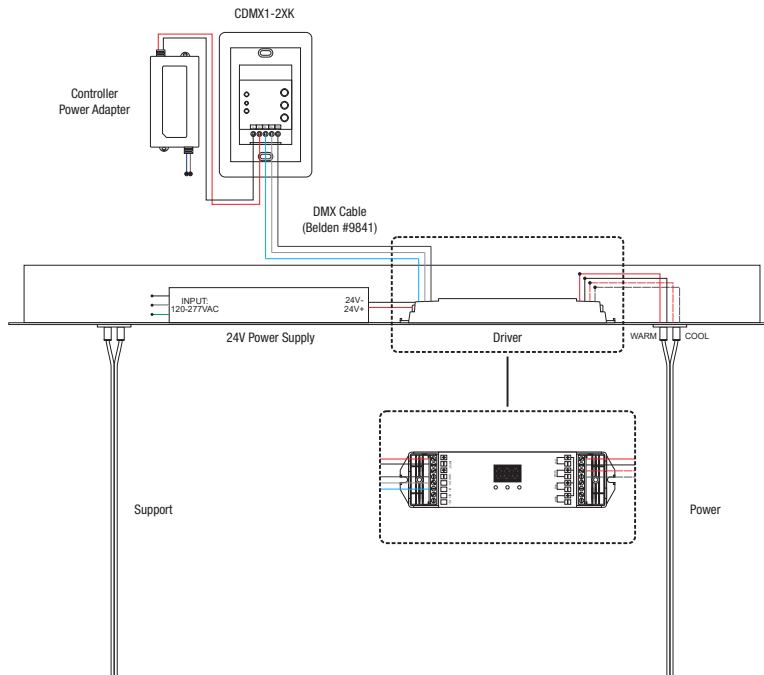
Dimming: Dimmable with 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, *IP710-DLZ *(Built in LED locator light) Legrand Dimmer: ADPD4FBL3P2W4 Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)



WIRING DIAGRAM: Wiring diagram for DMX Dimming

Application: DMX Dimming Tunable White

Dimming: CDMX1-2XK

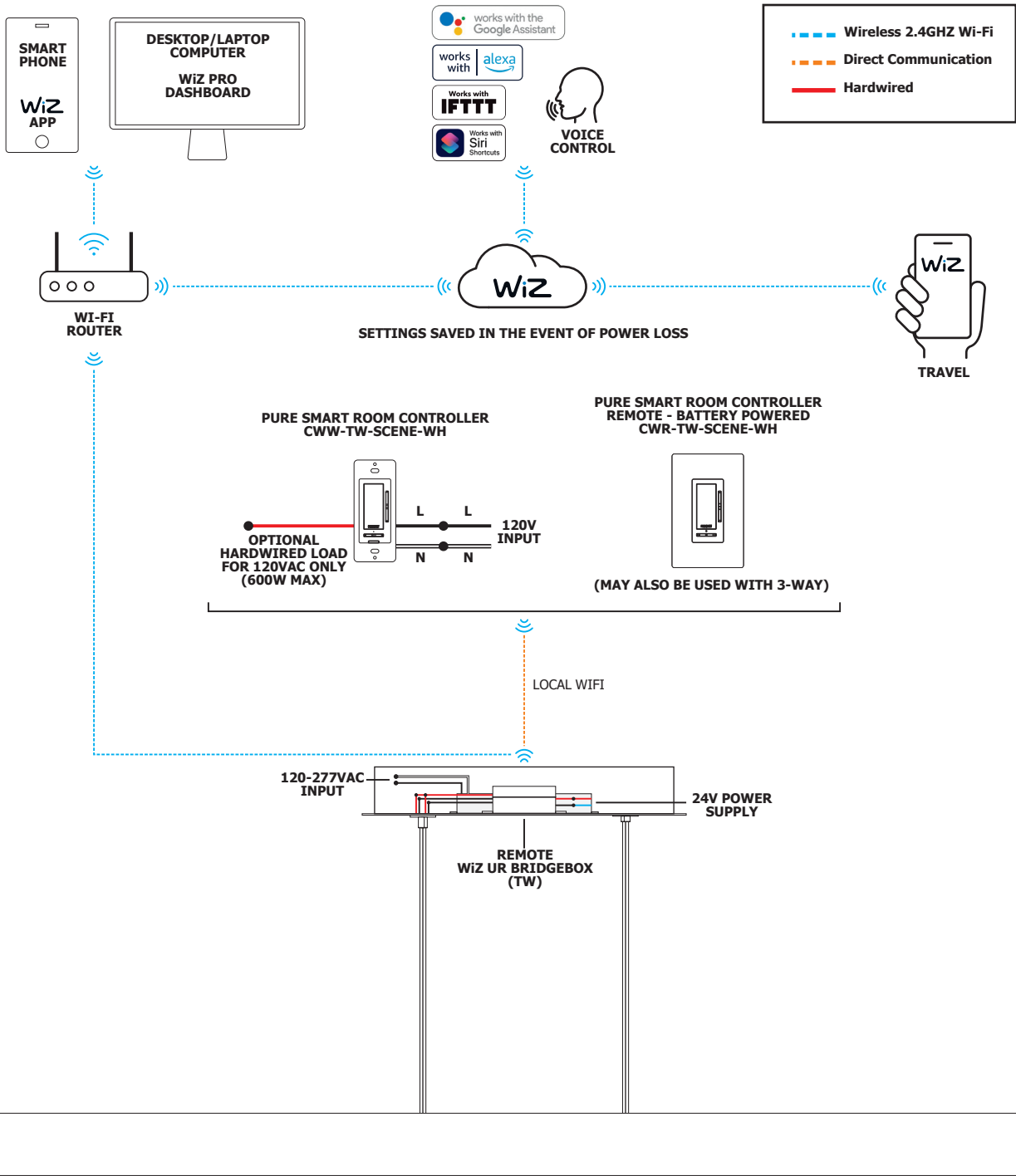


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NETWORK TOPOLOGY:



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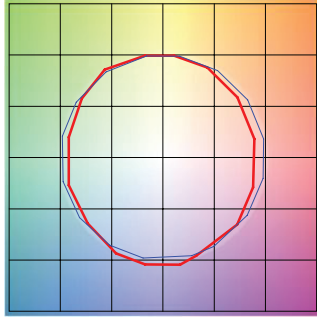
TM30 DATA

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TM-30-15 DATA: The data below is for SS5C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2000K ONLY (2K6K/27K6) | Rf: 84.3 | Rg: 96.9

Color Vector Graphic

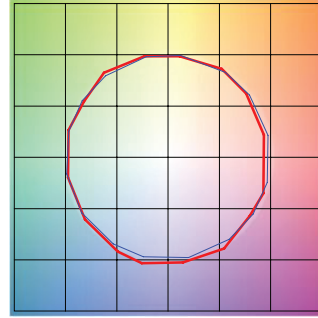


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	80.3	-8.9%	1.7%
2	79.7	-7.0%	7.8%
3	78.9	-2.9%	10.0%
4	89.5	-0.5%	5.1%
5	94.4	0.7%	1.7%
6	92.1	2.4%	-0.3%
7	89.4	-2.4%	-5.9%
8	89.7	-6.4%	-0.2%
9	86.0	-4.9%	4.6%
10	81.8	-3.4%	9.3%
11	83.1	3.3%	9.7%
12	85.8	5.6%	3.3%
13	85.6	6.2%	-12.8%
14	61.7	-1.9%	-19.0%
15	79.7	-3.3%	-12.9%
16	78.1	-7.9%	-10.6%

3000K (2K6K/27K6) | Rf: 90.2 | Rg: 101.4

Color Vector Graphic

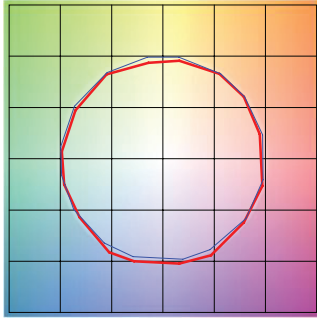


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.9	-3.8%	1.3%
2	91.7	-1.9%	3.3%
3	88.7	0.7%	5.1%
4	92.4	-1.0%	0.7%
5	92.9	0.9%	1.7%
6	93.1	3.3%	-0.6%
7	91.0	-1.8%	-0.4%
8	97.0	0.2%	-1.1%
9	92.8	-0.5%	3.6%
10	88.3	1.0%	7.0%
11	87.1	3.8%	7.8%
12	87.6	6.5%	-0.3%
13	89.3	3.6%	-6.3%
14	86.1	4.5%	-9.1%
15	91.6	-1.9%	-3.1%
16	83.8	-1.5%	-11.2%

4000K ONLY (2K6K/27K6) | Rf: 89.6 | Rg: 99.1

Color Vector Graphic

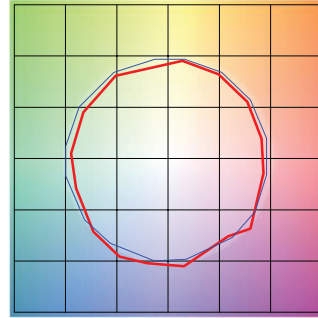


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	91.3	-2.5%	1.0%
2	95.3	-0.5%	0.5%
3	94.3	-0.7%	1.1%
4	91.1	-3.4%	-1.1%
5	89.5	-5.6%	0.0%
6	94.6	-1.4%	1.3%
7	93.2	-3.0%	2.6%
8	91.3	-1.8%	4.6%
9	86.5	-0.9%	9.1%
10	83.3	-0.5%	9.5%
11	83.3	4.9%	9.0%
12	89.7	4.1%	1.7%
13	90.1	3.6%	-4.3%
14	93.4	5.2%	-2.1%
15	87.4	0.4%	-4.3%
16	86.6	0.4%	-6.1%

6500K ONLY (2K6K/27K6) | Rf: 86.8 | Rg: 96.8

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	86.5	-4.7%	0.8%
2	91.9	-2.5%	3.1%
3	91.2	-2.0%	1.9%
4	91.2	-1.6%	1.4%
5	85.7	-6.2%	-0.9%
6	92.9	-3.5%	-1.0%
7	92.1	-4.7%	0.7%
8	85.2	-5.8%	4.9%
9	82.8	-6.2%	14.3%
10	77.1	-0.7%	15%
11	72.1	5.8%	14.1%
12	91.6	4.0%	1.0%
13	89.9	5.6%	-2.3%
14	90.5	-1.8%	-3.7%
15	81.6	6.5%	-13.9%
16	92.8	-3.6%	-0.4%