

GLIDE GLASS DOWNLIGHT TUNABLE WHITE

24VDC, CENTER FEED

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 05.02.24



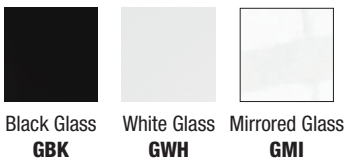
DESCRIPTION

Glide Glass Downlight Center Feed Suspension with Dynamic/Tunable White features a Diffused White Lens with a 100° beam spread down light using the latest in LED Technology. 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. Use with two dimmers or our proprietary Tunable White Controller for fast and accurate adjustment with three pre-set scenes. The Glide Dynamic/Tunable White is available in 8 standard sizes 36", 48", 60", 72", 84", 96", 108", 120" and 3 glass finishes. Add Optical White or Black Louvers for additional diffusion. Order **GLD** with power supplies included in the canopy or **GLDR** remote power supplies (sold separately). Fixture includes a 5 year pro-rated warranty. For **custom lengths** and quotes, email our Design Team 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)

GLASS FINISHES



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

GLDR: 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	Glass Finish
GLDR	5W	C	36	2K6K	GBK
GLDR Glide Downlight, Remote Power* GLDWR Glide Downlight with Black Louver, Remote Power* GLDWR Glide Downlight with White Louver, Remote Power* GLD Glide Downlight, Power GLDB Glide Downlight with Black Louver, Power GLDW Glide Downlight with White Louver, Power	5W 5 Watts 10W 10 Watts	C Center Feed	STANDARD SIZES 36, 48, 60, 72, 84, 96, 108, 120	2K6K Tunable White 2000K-6500K 27K6 Tunable White 2700K-6500K	GBK Black Glass GWH White Glass GMI Mirrored Glass

*Remote Power Supplies are Required and sold separately

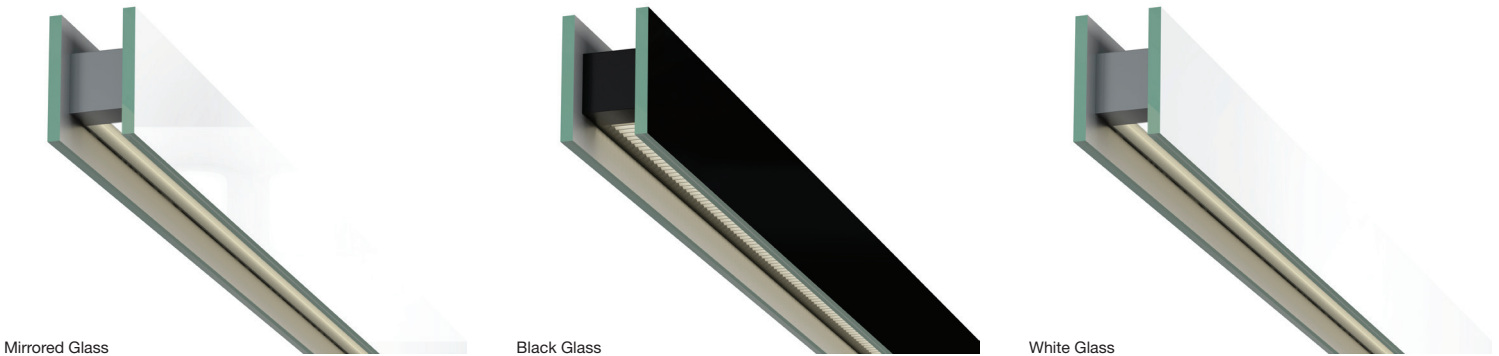
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NOMINAL DELIVERED LUMENS: Lamp data for the Glide Glass Downlight Center Feed

DESCRIPTION	100° Diffused White Lens																															
WATTS PER FOOT	2K6K 5w (4.6 watts)								27K6 5w (4.6 watts)								2K6K 10w (9.2 watts)								27K6 10w (9.2 watts)							
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	40K	45K	57K	65K
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	577	555	549	531
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	63	60	60	66
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+	94+	94+	93+	93+
DESCRIPTION	100° Diffused White Lens with White Louver																															
WATTS PER FOOT	2K6K 5w (4.6 watts)								27K6 5w (4.6 watts)								2K6K 10w (9.2 watts)								27K6 10w (9.2 watts)							
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	40K	45K	57K	65K
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	438	433	419	
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	48	47	52	
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+	94+	93+	93+	
DESCRIPTION	100° Diffused White Lens with Black Louver																															
WATTS PER FOOT	2K6K 5w (4.6watts)								27K6 5w (4.6 watts)								2K6K 10w (9.2 watts)								27K6 10w (9.2 watts)							
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	40K	45K	57K	65K
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	356	342	339	328
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	39	37	37	41
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+	94+	94+	93+	93+



LENGTH & POWER SUPPLY CHART: Actual lengths for Glide Glass Downlight Center Feed

		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	

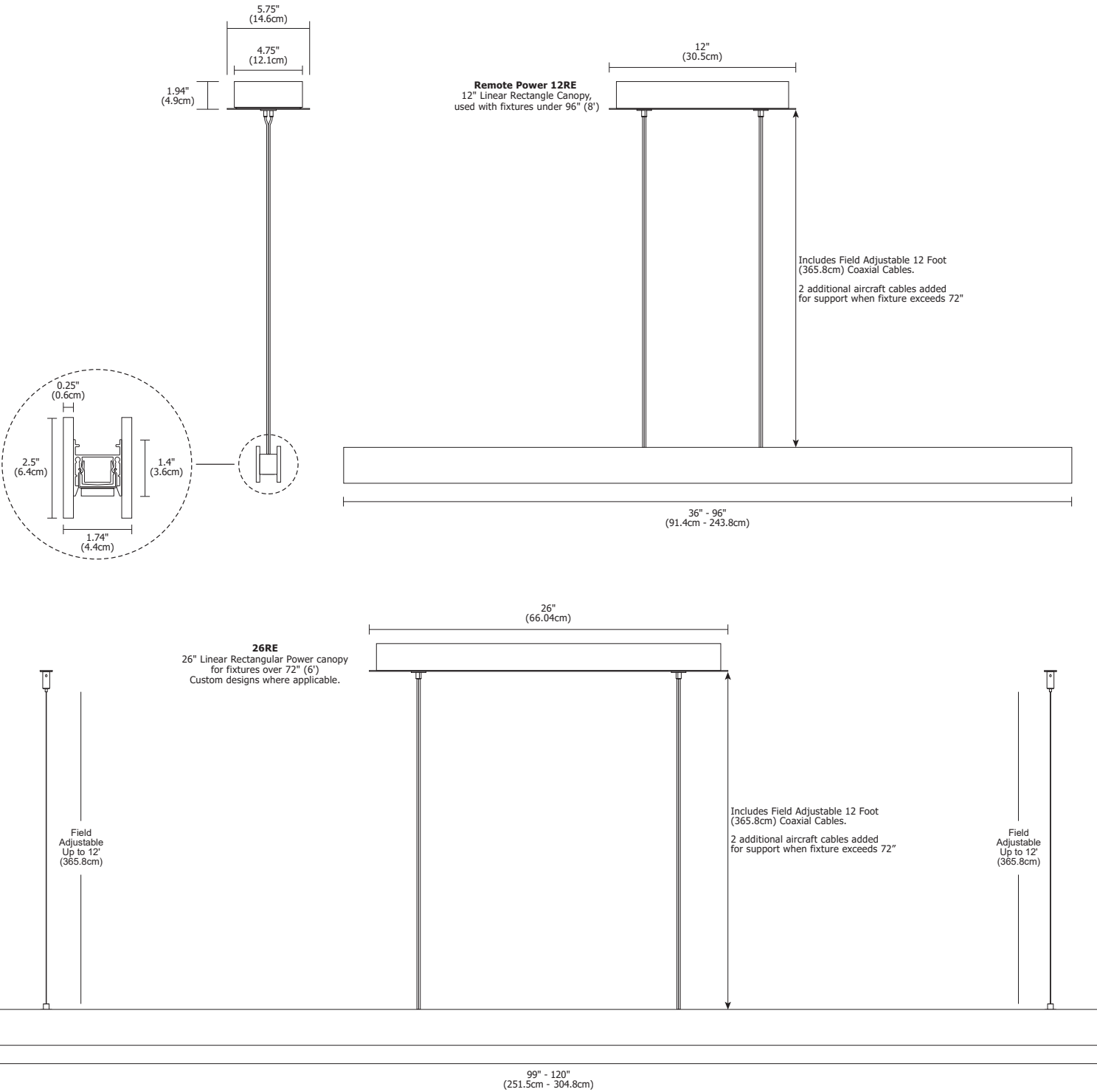
*Maximum Shipping Length **For custom lengths, email our design team.

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DRAWINGS: Canopy and Channel Sizes for the Glide Glass Downlight - Center Feed



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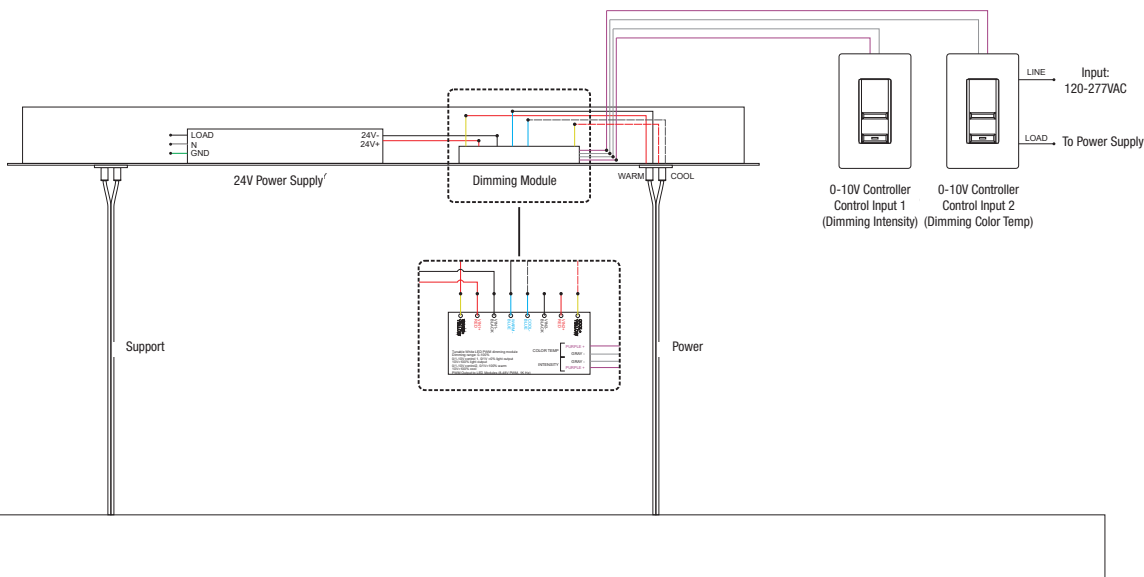
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WIRING DIAGRAM: Wiring diagram for 010 Dimming

Application: 0-10V Dual Dimming for Tunable White

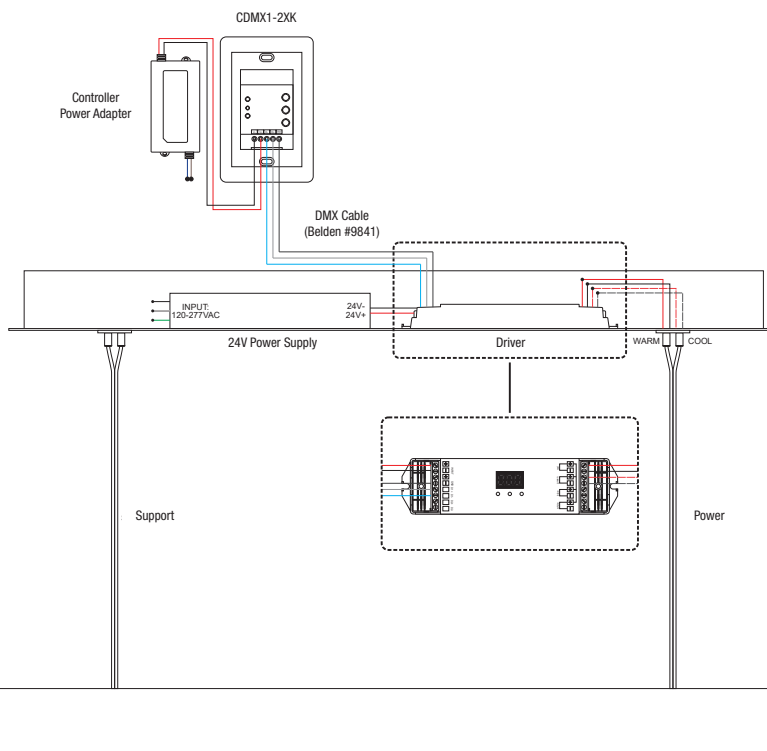
Dimming: Dimmable with 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, *IP710-DLZ *(Built in LED locator light) Legrand Dimmer: ADPD4FBL3P2W4 Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)



WIRING DIAGRAM: Wiring diagram for DMX Dimming

Application: DMX Dimming Tunable White

Dimming: CDMX1-2XK

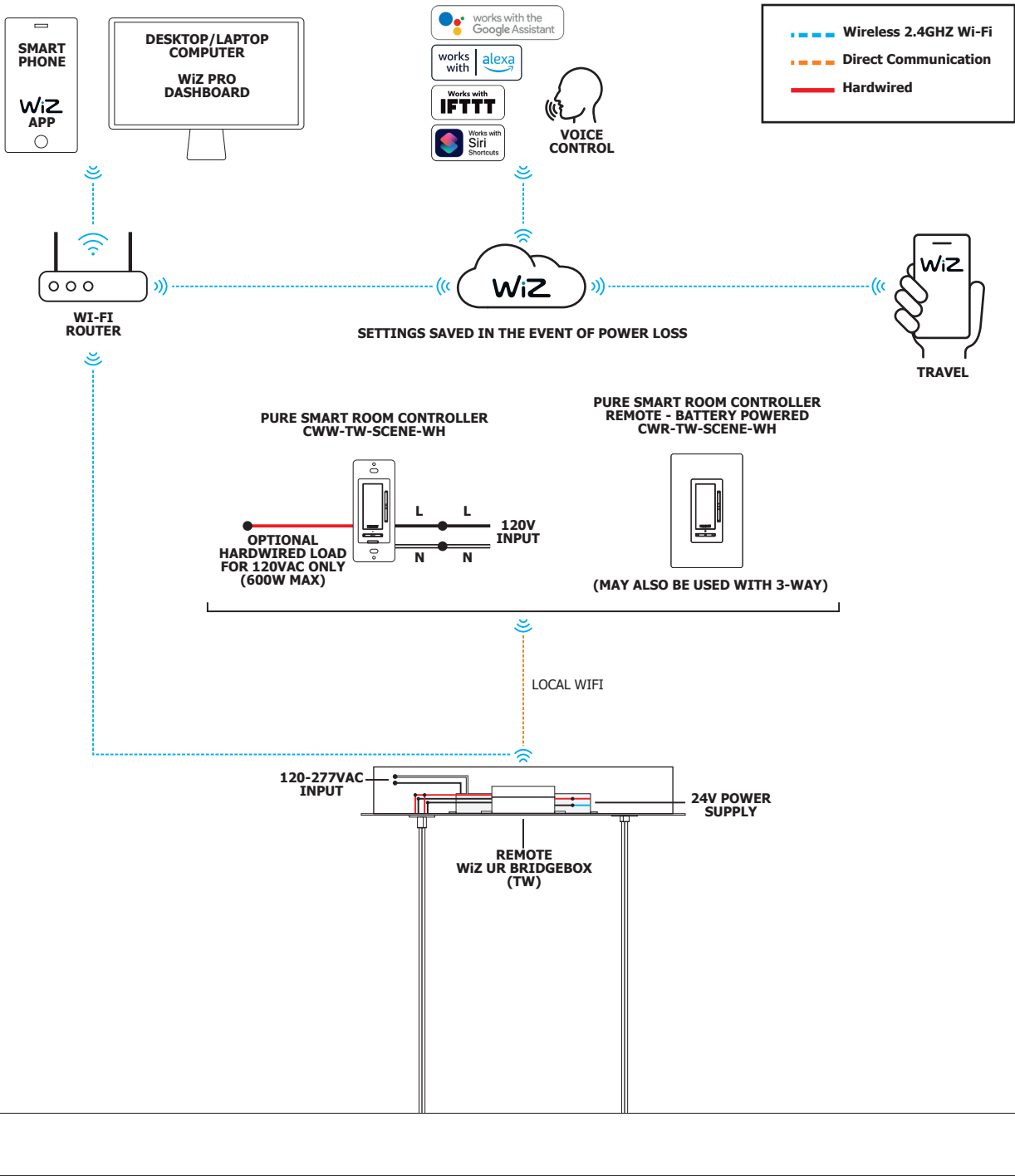


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NETWORK TOPOLOGY:



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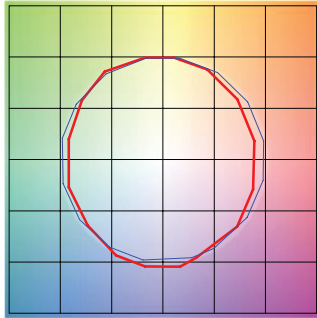
SUSPENSION TM30 DATA

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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

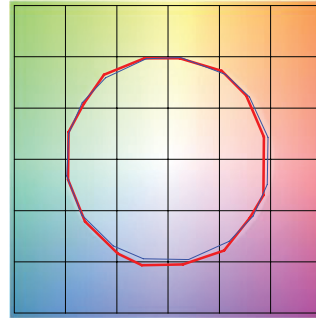


■ Test ■ Reference

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

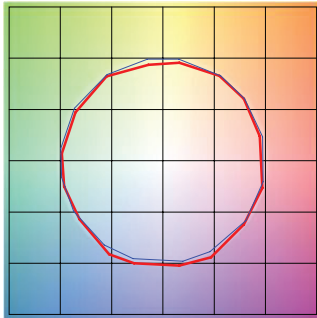


■ Test ■ Reference

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

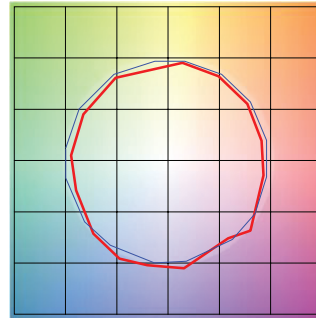


■ Test ■ Reference

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%