



NOVA CEILING SURFACE LINEAR

DOWNLIGHT WITH REMOTE POWER, DYNAMIC/TUNABLE WHITE



DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 08.24.20



Diffused White Lens (Actual Size)

DESCRIPTION

The Nova Ceiling Linear Downlight with Remote 24VDC Power and Dynamic Tunable White is a linear LED fixture that offers direct light in a clean, contemporary style. Using the latest in LED Technology Dynamic/Tunable White, you have full control over the color temperature from 2000K (Sunset) to 4000K (Cool White) and the ability to regulate the level of brightness independently. Use with two dimmers, Lutron Hi-Lume® or our proprietary Tunable White Controller for fast and accurate adjustment with three preset scenes CDMX-1 (Ordered separately). Support health, performance, and overall well-being using Human-Centric lighting by fine-tuning the biological effects that light has on the circadian cycle. The Nova Ceiling Downlight offers multiple power and mounting options. The 4.6" Floating Square Canopy mounts to a standard square junction box anywhere along the length of the fixture. The 1" Rectangle (1RE) J-Box (included) offers a power connection option that is hidden for a more streamlined look. Components included with the system; 8' Power Cable, 1/2" ceiling mounted standoffs provided every 2' for fixture support at the ceiling. Lengths range from 36" to 240" in several metal finishes. The Nova ceiling downlight is available with a 100° Beam Spread Diffused White Lens or a Clear Frosted 60° Lens and an optional Black or White Louver for additional diffusion. *Remote Power Supplies are Required and Sold Separately. Fixture includes 5 year pro-rated warranty. For Custom designs, layout assistance and quotes, email our Design Team: design@PureEdgeLighting.com.

WATTAGE

- 5W - 5 watts per foot, Lengths up to 240" (20')
- 10W - 10 watts per foot, Lengths up to 120" (10')

INSTALLATION

- Mounts to a Standard Junction Box from a Remote Power Supply feeding 24VDC up to 100 Watts at a maximum of 40' away
- Includes your choice of Canopy: 1" Rectangle Junction Box or 4.6" Square Canopy or T-Bar end feed
- Includes Mounting Clips (use one every 24")
- Power Supplies sold separately

FINISHES



Satin Black
BK

Chrome
CH

Satin Nickel
SN

White
WH

System	Wattage Per Foot	Canopy	Nominal Size	Color Temperature	Finish
NCD	5W	1RE	240	2K4K	SN
NCD Nova Ceiling Diffused White 100° Lens	5W 4.4 watts - 240" (20ft.) max length	1RE 1" Rectangle with Junction Box	36-240 Order in various increments from 36 inches to 240 inches	2K4K 2000K-4000K Dynamic/Tunable White	BK Satin Black
NCDW Nova Ceiling Diffused White 100° Lens with White Louver	10W 9.6 watts - 120" (10ft.) max length	4SQ 4" Square Split			CH Chrome
NCDL Nova Ceiling Diffused White 100° Lens with Black Louver		TBA Clips with 2ft plenum power feed, use for 15/16" or 9/16" Wide T-Bar Flush mounted ceiling panels			SN Satin Nickel
NCCW Nova Ceiling Clear Frosted 60° Lens with White Louver		TBB Clips with 2ft plenum power feed, use for 15/16" or 9/16" wide T-Bar with ceiling panel 3/8" below grid			WH White
NCCB Nova Ceiling Clear Frosted 60° Lens with Black Louver		TBE Clips with 2ft plenum power feed, use for 9/16" wide Slotted T-Bar			

LENS

- Diffused White 100° Lens or Clear Frosted 60° Lens, both offered with Black or White Louvers

LAMPING

- Tunable White: 2000K-4000K (**2K4K**) allows you to choose any color temperature from 2000K (sunset) to 4000K (cool white) and Dim to any level of Brightness independently
- Power Consumed: 5 and 10 watts per foot
- 60,000 Hour Lamp Life

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

- UNI Driver: Universal Dimming (TRIAC, ELV, 0-10V) with corresponding dimmer Class 2. Requires Two power supplies, one for 2000K and one for 4000K.
- DMX: Dynamic Color Changing Controller CDMX1 - Only one power supply required
- Lutron Hi-Lume®

*In-Wall Mounting Kits available for select power supplies

**Dynamic/Tunable White - Requires two dimmers (one for 2000K and one for 4000K) or use our proprietary Tunable White Controller CDMX-1

APPLICATIONS

Designed for indoor use only. Ideal applications in Commercial, Retail, Residential, Hospitality, Education, and Healthcare Institutions.

APPROVALS

Damp Location, ETL Listed, Class 2 wiring, Title 24 with Universal Power Supply, 0-10V or Lutron power supplies, Made in America

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

NOVA CEILING SURFACE LINEAR

DOWNLIGHT WITH REMOTE POWER, DYNAMIC/TUNABLE WHITE

NOMINAL LAMP DATA

Lamp data for the Nova Ceiling

NCD												
100° DIFFUSED WHITE LENS WITHOUT LOUVER												
WATTS PER FOOT	5w (5 watts)						10w (10 watts)					
COLOR TEMPERATURE	20K	24K	27K	30K	35K	40K	20K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	175	225	238	258	266	238	341	437	460	499	510	454
LUMENS PER WATT (lm/w)	44	49	52	56	58	60	43	48	50	54	55	57
CRI	85+	90+	95+	95+	85+	84	85+	85+	95+	95+	85+	84

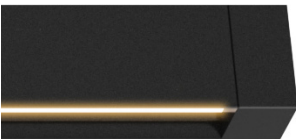
NCDW												
100° DIFFUSED WHITE LENS WITH WHITE LOUVER												
WATTS PER FOOT	5w (5 watts)						10w (10 watts)					
COLOR TEMPERATURE	20K	24K	27K	30K	35K	40K	20K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	122	158	166	180	186	167	239	306	322	349	357	318
LUMENS PER WATT (lm/w)	31	34	36	39	40	42	30	33	35	38	39	40
CRI	85+	90+	95+	95+	85+	84	85+	85+	95+	95+	85+	84

NCDB												
100° DIFFUSED WHITE LENS WITH BLACK LOUVER												
WATTS PER FOOT	5w (5 watts)						10w (10 watts)					
COLOR TEMPERATURE	20K	24K	27K	30K	35K	40K	20K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	77	99	104	113	116	104	150	192	201	219	224	199
LUMENS PER WATT (lm/w)	19	21	23	25	25	26	19	21	22	24	24	25
CRI	85+	90+	95+	95+	85+	84	85+	85+	95+	95+	85+	84

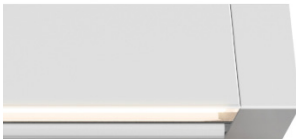
NCCW												
60° CLEAR FROSTED LENS WITH WHITE LOUVER												
WATTS PER FOOT	5w (5 watts)						10w (10 watts)					
COLOR TEMPERATURE	20K	24K	27K	30K	35K	40K	20K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	147	189	200	217	224	200	287	368	387	420	429	382
LUMENS PER WATT (lm/w)	37	41	43	47	49	50	36	40	42	46	47	48
CRI	85+	90+	95+	95+	85+	84	85+	85+	95+	95+	85+	84

NCCB												
60° CLEAR FROSTED LENS WITH BLACK LOUVER												
WATTS PER FOOT	5w (5 watts)						10w (10 watts)					
COLOR TEMPERATURE	20K	24K	27K	30K	35K	40K	20K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	92	119	125	136	140	125	180	230	242	263	269	239
LUMENS PER WATT (lm/w)	23	26	27	29	30	31	22	25	26	29	29	30
CRI	85+	90+	95+	95+	85+	84	85+	85+	95+	95+	85+	84

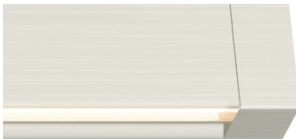
Channel Finishes



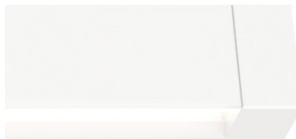
Satin Black
BK



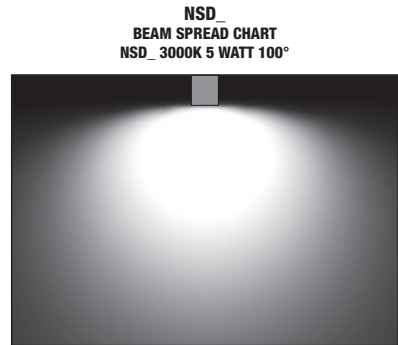
Chrome
CH



Satin Nickel
SN

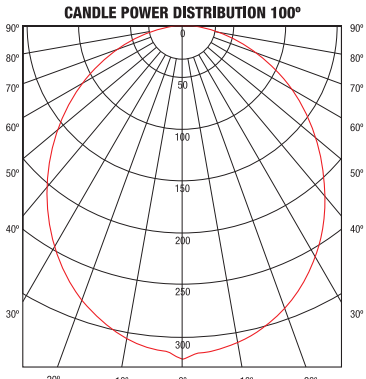


White
WH



5 Watt 100°		
Distance	Foot Candles	
1'	152	
1.5'	100	
2'	74	
3'	47	
4'	34	
5'	25	
6'	20	
7'	15	
8'	13	

10 Watt 100°		
Distance	Foot Candles	
1'	279	
1.5'	183	
2'	136	
3'	87	
4'	62	
5'	47	
6'	37	
7'	29	
8'	24	



PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--



NOVA CEILING SURFACE LINEAR

DOWNLIGHT WITH REMOTE POWER, DYNAMIC/TUNABLE WHITE



REV 08.24.20

LENGTH CHART Actual lengths for Nova Suspension Down - Remote Power Supply

ORDERING CODE (NOMINAL SIZE)	5W (2K4K)			10W (2K4K)		
	WITH TWO DIMMERS: YOU NEED TWO UNI DRIVER POWER SUPPLIES, ONE FOR 2000K AND ONE FOR 4000K (SEE PAGES BELOW)	DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)	DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)	WITH TWO DIMMERS: YOU NEED TWO UNI DRIVER POWER SUPPLIES, ONE FOR 2000K AND ONE FOR 4000K (SEE PAGES BELOW)	DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)	DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)
	2K4K @ 5 WATTS PER FT	POWER SUPPLY	POWER SUPPLY	2K4K @ 10 WATTS PER FT	POWER SUPPLY	POWER SUPPLY
36	15	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	30	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
39	16	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	32	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
41	17	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	34	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
44	18	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	37	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
46	19	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	38	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
48	20	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	40	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
51	21	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	42	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
53	22	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	44	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
56	23	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	47	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
58	24	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	48	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
60	25	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	50	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
63	26	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	52	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
65	27	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	54	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
68	28	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	57	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
70	29	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	58	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
72	30	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	60	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
75	31	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	62	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
77	32	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	64	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
80	33	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	67	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
82	34	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	68	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
84*	35	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	70	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
87	36	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	72	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
89	37	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	74	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
92	38	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	77	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
94	39	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	78	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
96	40	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	80	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
99	41	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	82	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
101	42	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	84*	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
104	43	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	87	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
106	44	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	88	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
108	45	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	90	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
111	46	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	92	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
113	47	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	94	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
116	48	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	97	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
118	49	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	98	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
120**	50	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	100	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
123	51	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
125	52	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
128	53	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
130	54	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
132	55	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
135	56	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
137	57	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
140	58	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
142	59	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK			
144	60	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			
147	61	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			
149	62	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			
152	63	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			
154	64	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			
156	65	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			
159	66	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK			

*Maximum Chrome Length **Maximum Shipping Length

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--



NOVA CEILING SURFACE LINEAR

DOWNLIGHT WITH REMOTE POWER, DYNAMIC/TUNABLE WHITE



REV 08.24.20

LENGTH CHART Actual lengths for Nova Suspension Down - Remote Power Supply continued

Ordering Code (Nominal Size)	5W (2K4K)				
	WITH TWO DIMMERS: YOU NEED TWO UNI DRIVER POWER SUPPLIES, ONE FOR 2000K AND ONE FOR 4000K (SEE PAGES BELOW)			DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)	
	2K Watts	4K Watts	Power Supply	2K4K DMX Wattage	Power Supply
161	67	67	PSB-2x96W-UNI-24VDC	67	PSB-100W-24VDC-2XK
164	68	68	PSB-2x96W-UNI-24VDC	68	PSB-100W-24VDC-2XK
166	69	69	PSB-2x96W-UNI-24VDC	69	PSB-100W-24VDC-2XK
168	70	70	PSB-2x96W-UNI-24VDC	70	PSB-100W-24VDC-2XK
171	71	71	PSB-2x96W-UNI-24VDC	71	PSB-100W-24VDC-2XK
173	72	72	PSB-2x96W-UNI-24VDC	72	PSB-100W-24VDC-2XK
176	73	73	PSB-2x96W-UNI-24VDC	73	PSB-100W-24VDC-2XK
178	74	74	PSB-2x96W-UNI-24VDC	74	PSB-100W-24VDC-2XK
180	75	75	PSB-2x96W-UNI-24VDC	75	PSB-100W-24VDC-2XK
183	76	76	PSB-2x96W-UNI-24VDC	76	PSB-100W-24VDC-2XK
185	77	77	PSB-2x96W-UNI-24VDC	77	PSB-100W-24VDC-2XK
188	78	78	PSB-2x96W-UNI-24VDC	78	PSB-100W-24VDC-2XK
190	79	79	PSB-2x96W-UNI-24VDC	79	PSB-100W-24VDC-2XK
192	80	80	PSB-2x96W-UNI-24VDC	80	PSB-100W-24VDC-2XK
195	81	81	PSB-2x96W-UNI-24VDC	81	PSB-100W-24VDC-2XK
197	82	82	PSB-2x96W-UNI-24VDC	82	PSB-100W-24VDC-2XK
200	83	83	PSB-2x96W-UNI-24VDC	83	PSB-100W-24VDC-2XK
202	84	84	PSB-2x96W-UNI-24VDC	84	PSB-100W-24VDC-2XK
204	85	85	PSB-2x96W-UNI-24VDC	85	PSB-100W-24VDC-2XK
207	86	86	PSB-2x96W-UNI-24VDC	86	PSB-100W-24VDC-2XK
209	87	87	PSB-2x96W-UNI-24VDC	87	PSB-100W-24VDC-2XK
212	88	88	PSB-2x96W-UNI-24VDC	88	PSB-100W-24VDC-2XK
214	89	89	PSB-2x96W-UNI-24VDC	89	PSB-100W-24VDC-2XK
216	90	90	PSB-2x96W-UNI-24VDC	90	PSB-100W-24VDC-2XK
219	91	91	PSB-2x96W-UNI-24VDC	91	PSB-100W-24VDC-2XK
221	92	92	PSB-2x96W-UNI-24VDC	92	PSB-100W-24VDC-2XK
224	93	93	PSB-2x96W-UNI-24VDC	93	PSB-100W-24VDC-2XK
226	94	94	PSB-2x96W-UNI-24VDC	94	PSB-100W-24VDC-2XK
228	95	95	PSB-2x96W-UNI-24VDC	95	PSB-100W-24VDC-2XK
231	96	96	PSB-2x96W-UNI-24VDC	96	PSB-100W-24VDC-2XK
233	97	97	PSB-2x96W-UNI-24VDC	97	PSB-100W-24VDC-2XK
236	98	98	PSB-2x96W-UNI-24VDC	98	PSB-100W-24VDC-2XK
238	99	99	PSB-2x96W-UNI-24VDC	99	PSB-100W-24VDC-2XK
240	100	100	PSB-2x96W-UNI-24VDC	100	PSB-100W-24VDC-2XK

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--



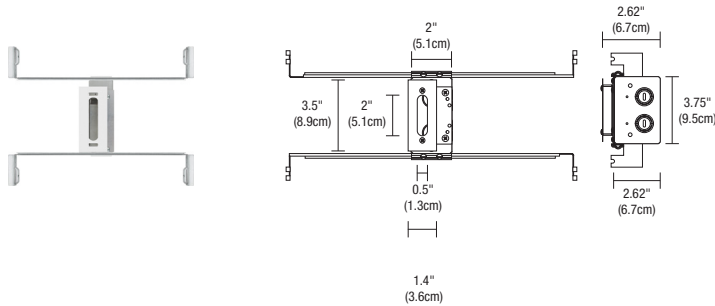
NOVA CEILING SURFACE LINEAR

DOWNLIGHT WITH REMOTE POWER, DYNAMIC/TUNABLE WHITE



REV 08.24.20

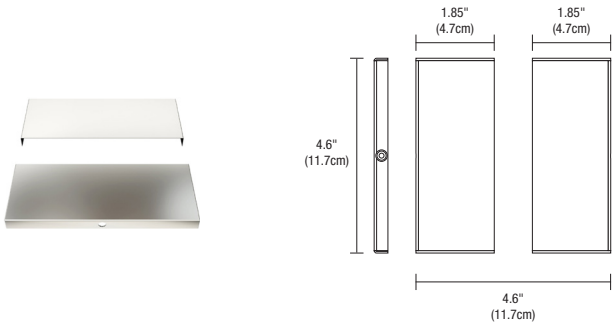
Components: J-box, Split Canopies, and Mounting Clips are included and sold separately for replacement



1" RECTANGLE CANOPY AND J-BOX (INCLUDED, WITH 1R SELECTED IN FIXTURE ORDERING CODE)

The Slim-Profile Junction Box with hanger bars mounts to studs spaced between 14.5 and 25 inches apart behind drywall. Allows low voltage DC wires from remote power supply to connect to channel wires. The junction box opening is covered by the fixture for a clean, safe connection. Includes a goof plate, for poor plastering around j-box.

System	Canopy	Product
C	1RE	JBOX
C Channel	1RE 1" Rectangle	JBOX Junction Box



4" SQUARE SPLIT CANOPY (INCLUDED, WITH 4S SELECTED IN FIXTURE ORDERING CODE)

The 4 inch square canopy fits on a standard 4 inch electrical box with round plaster ring. It fits flush along channel while covering junction box. The Canopy may float anywhere along the channel and comes in five finishes.

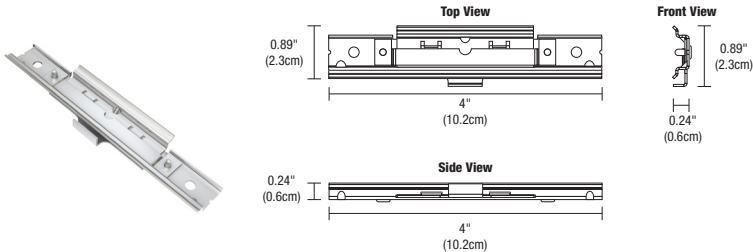
System	Canopy	Finish
NC	4SQ	SN
NC Nova Ceiling	4SQ 4.6" Split Square	BK Satin Black BZ Antique Bronze CH Chrome SB Satin Brass SN Satin Nickel WH White



CEILING MOUNTING T-BAR CLIP (INCLUDED)

Included with all Channels, 1 per 2'. Mounts flush anywhere along the T-Bar grid.

System	Canopy	Type	Finish
NC	MCL	TB	WH
NC Nova Ceiling	MCL Mounting Clip	TB T-Bar	WH White BK Black



CEILING MOUNTING LOCKING CLIP (INCLUDED)

Ceiling Mounting Locking clips are provided with every two feet of Nova Channel and may be ordered separately as replacement parts. The channel slides into the clip and locks in place staying securely fastened to the ceiling.

System	Canopy	Type
NC	MCL	L
NC Nova Ceiling	MCL Mounting Clip	L Locking

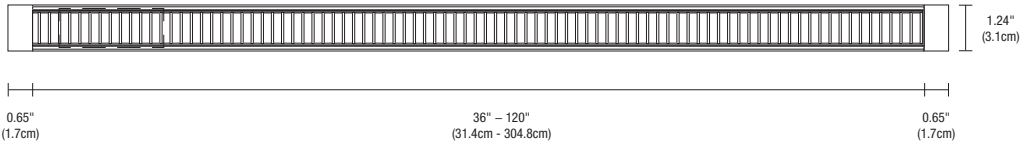
PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

NOVA CEILING SURFACE LINEAR

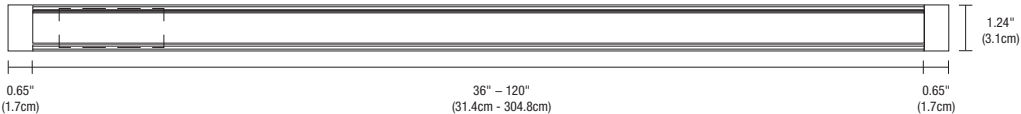
DOWNLIGHT WITH REMOTE POWER, DYNAMIC/TUNABLE WHITE

Drawings: Drawings are shown with 1 inch rectangle canopy and 4 inch square split canopy

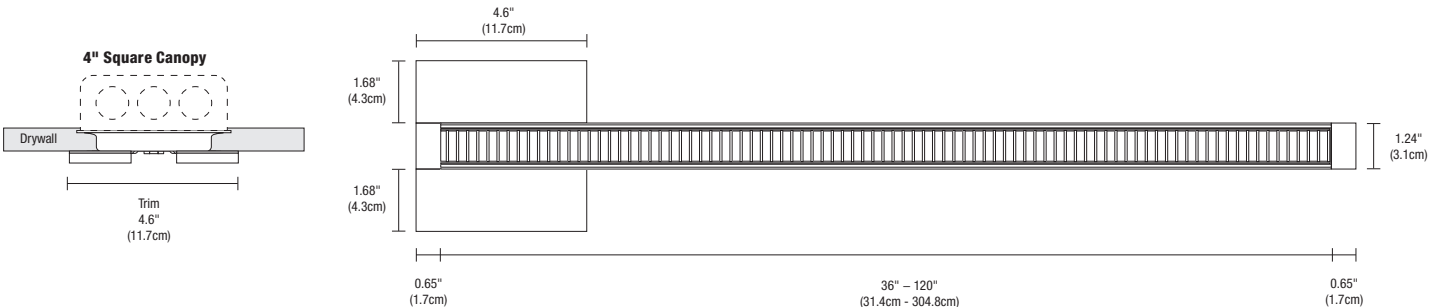
1" Rectangular Canopy Shown with Louver - Bottom View



1" Rectangular Canopy Shown without Louver - Bottom View



4" Square Split Canopy Shown with Louver - Bottom View



PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

UNI INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC UNIVERSAL DIMMING WITH ELV, 0-10V, TRIAC | DYNAMIC TUNABLE WHITE TECHNOLOGY

REV 08.24.20

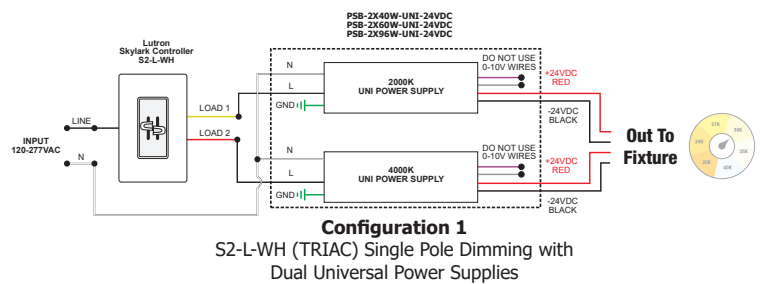
UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-2X40W-UNI-24VDC	PSB-2X60W-UNI-24VDC	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	2X40W	2X60W	2X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-2X40W-UNI-24VDC-IW	PSB-2X60W-UNI-24VDC-IW	PSB-2X96W-UNI-24VDC-IW	NA
ELV DIMMING & CONTROLS				
LUTRON DIVA: DVELV-300P	•	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•	•
LUTRON RADIO RA2: RRD-6NA	•	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	•	•	•	•
0-10 DIMMING & CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA: DVTW-WH, DVSTV-WH	•	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIK EYE QS: QSGRJ-XP	•	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•	•
LEVITON: LEV40050	•	•	•	•
LEVITON IP710-LFZ	•	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•	•
TRIAC DIMMING & CONTROLS				
LUTRON SKYLARK: S2-L-WH	•	•	•	•
LUTRON DVLV-600P-WH	•	•	•	•
LUTRON DVLV-603P-WH	•	•	•	•
LUTRON MALV-600-WH	•	•	•	•
LUTRON MALV-1000-WH	•	•	•	•
LUTRON MA-R-XX	•	•	•	•

- Flicker free dimming
- Aluminum casing for optimal heat dissipation
- Isolated output power per NEC and UL safety requirements
- UL & ETL recognized/ listed, meets UL 8750, 1310 requirements
- Auto-reset; short circuit, overload and thermal protection
- Class 2 power supply
- Efficient, High power factor > 0.90

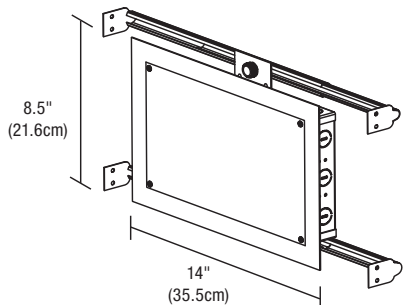
- The Solid State Constant Voltage Uni-Power Supply is compatible with most commercially available Dimmers:
 - Triac Dimmer: (Forward Phase) Typically used for the dimming of Incandescent and Low Voltage Magnetic Transformers
 - ELV Dimmer: (Reverse Phase) Dimming of Electronic Low Voltage Transformers and Power Supply's used for LED lighting
 - 0-10 Dimmer: Dims the Low Voltage side of a 0-10 volt power supply commonly used in large scale lighting or commercial applications.
- The Uni-Power Supply is recommended with any Siemens/Murray brand of arc fault breaker to overcome the issues with tripping the breakers with an ELV LED Low Voltage Drivers.

MAXIMUM LENGTH

POWER SUPPLY	5 WATTS	10 WATTS
PSB-2X40W-UNI-24VDC	8 FEET	4 FEET
PSB-2X60W-UNI-24VDC	12 FEET	6 FEET
PSB-2X96W-UNI-24VDC	20 FEET	10 FEET



IN WALL MOUNTING OPTIONS



In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

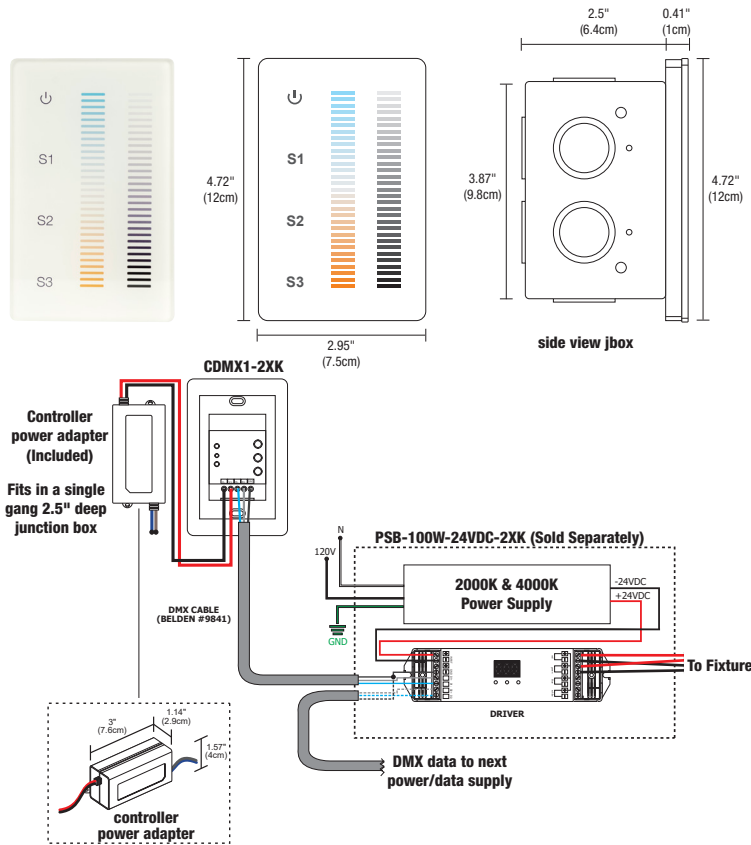
Ordering Codes 8.5 x 14.25 inch: PSB-2X40W-UNI-24VDC-IW, PSB-2X60W-UNI-24VDC-IW, PSB-2X96W-UNI-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

DYNAMIC/TUNABLE WHITE CONTROLLER AND POWER SUPPLIES

24VDC INDOOR CONSTANT VOLTAGE POWER SUPPLIES WITH DMX DRIVERS

REV 08.24.20



DESCRIPTION:

The Dynamic/Tunable White (**2K4K**) Touch Controller offers fast and accurate Color Temperature adjustment and the ability to regulate the Brightness Independently. The modern Glass faceplate features illuminated indicators, and a back-lit night light that softly illuminates the controller when powered off. Designed for Dynamic/Tunable White, and dual-color LED installations within a single zone. The two Vertical Touch sliders are precise and sensitive, allowing you to fine-tune your perfect Color Temperature at any point between **2000K (Sunset)** to **4000K (Cool White)** while selecting over **250 levels** of Brightness in a smooth, uninterrupted transition. Create Thousands of Dynamic White Color Combinations while maintaining even Brightness and overall saturation. Easily save three pre-set scenes for different times of the day. Support health, performance, and general well-being using Human-Centric lighting by fine-tuning the biological effects that light has on the circadian cycle using the latest in LED technology. Includes a power adapter that fits behind the controller within a standard junction box and fits inside a standard single-gang receptacle (not for use in a multi-gang box). Use with an insulated, 24 AWG stranded, tinned copper wire (Belden #9841). Power Supplies are Sold Separately. Includes a 5 year pro-rated warranty.

APPLICATIONS:

Indoor

OUTPUT SIGNAL:

USITT DMX 512 (1990)

INSTALLATION:

Fits in a single gang 2.5 inch deep junction box. Not compatible with multi-gang boxes.

LABELS:

ROHS, FCC, Damp Location, ETL/UL

POWER INPUT:

120-240VAC

Product	Type	Finish
CDMX1	2XK	WH
CDMX1 DMX Single Zone Touch Controller	2XK 2 X Kelvin	WH White

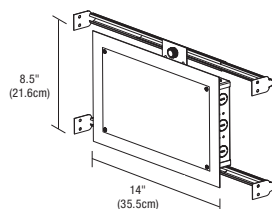
DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS*

ORDERING CODE	PSB-100W-24VDC-2XK	PSB-2X100W-24VDC-2XK	PSB-3X100W-24VDC-2XK	PSB-4X100W-24VDC-2XK
				
SPECIFICATIONS				
MAXIMUM LOAD OF LED STRIP LENGTH	100W 5 WATTS - 20FT MAX. 10 WATTS - 10FT MAX.	2X100W 5 WATTS 2 X 20FT MAX. 10 WATTS - 2 X 10FT MAX.	3X100W 5 WATTS 3 X 20FT MAX. 10 WATTS - 3 X 10FT MAX.	4X100W 5 WATTS 4 X 20FT MAX. 10 WATTS - 4 X 10FT MAX.
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 6.48" X 2.18"	14" X 10" X 3"	17" X 10" X 3"	17" X 10" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-100W-24VDC-2XK-IW	NA	NA	NA
DMX DYNAMIC/TUNABLE WHITE DIMMING & CONTROLS				
TUNABLE WHITE TOUCH CONTROLLER (CDMX1-2XK)	•	•	•	•

- Flicker free dimming
- Aluminum casing for optimal heat dissipation
- Isolated output power per NEC and UL safety requirements
- UL & ETL recognized/ listed, meets UL 8750, 1310 requirements

- Auto-reset; short circuit, overload and thermal protection
- Class 2 power supply
- Efficient, High power factor > 0.90

IN WALL MOUNTING OPTIONS



8.5 x 14 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-100W-24VDC-2XK-IW

PROJECT		FIXTURE TYPE		DATE	
---------	--	--------------	--	------	--

INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, LUTRON ECOSYSTEM

REV 08.24.20

LUTRON HI-LUME® PREMIER .1% ECOSYSTEM®†			
ORDERING CODES	L3D0-96W24V-U	2-WIRE ECOSYSTEM LTEA4U1UKL-CV240	3-WIRE ECOSYSTEM L3DA4U1UKL-CV240
			
SPECIFICATIONS			
MAXIMUM LOAD	96W	5W-40W	5W-40W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	10.5" X 5.5" X 2"	4" X 4.89" X 2.62"	4" X 4.89" X 2.62"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2
DIMMING AND CONTROLS			
RADIO RA2	•	•	•
HOMEWORKS QS	•	•	•
PHPM-3F-120	•	•	•
PHPM-3F-DV	•	•	•
BCI-0-10	•	•	•

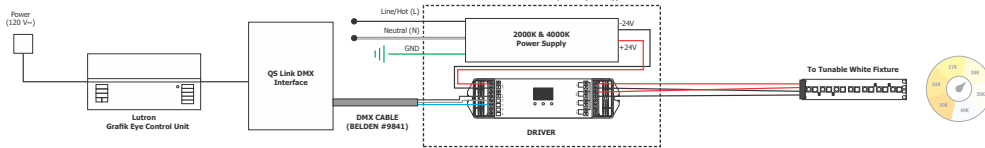
†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-Lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies.

*Tunable White (2K4K) Color Temperature is compatible with 0-10V, ELV, DMX, and Lutron Hi-Lume® Power Supplies. Dynamic Color (RGB, RGB+W) and Static Color (Amber, Blue, Green, or Red) are compatible with DMX Power Supplies.

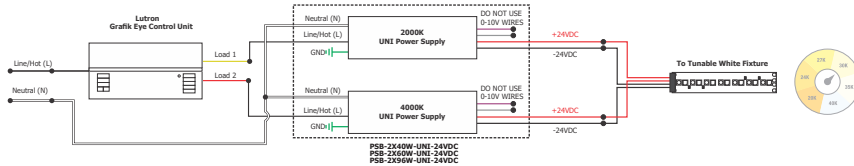
**Tunable White (2K4K) uses one or two power supplies, dependent on the controller or dimmer(s) used.

Lutron Hi-Lume® can be used in both single or dual power formats, dependent on the controller or dimmer(s). Specify amount of Power Supplies based on this.

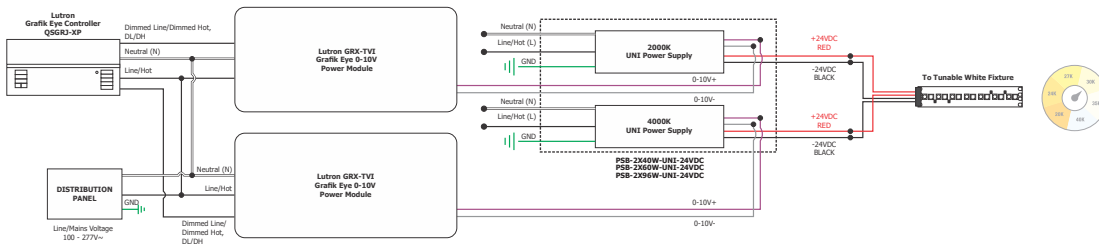
WIRING DIAGRAM: DMX Control with Lutron Grafik Eye Control Unit



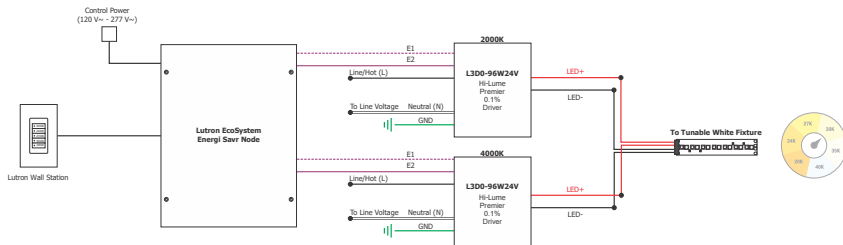
WIRING DIAGRAM: Line Voltage Dimming with Lutron Grafik Eye Control Unit



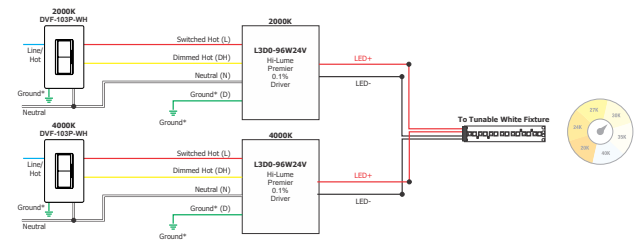
WIRING DIAGRAM: 0-10V Dimming with Lutron Grafik Eye Control Unit or Wall box controller



WIRING DIAGRAM: 2-Wire EcoSystem Panel



WIRING DIAGRAM: 3-Wire EcoSystem Wall Box



PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

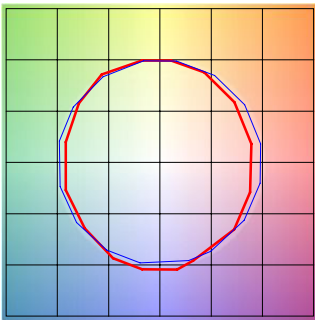
SURFACE LINEAR TM30 DATA

DOWNLIGHT WITH REMOTE POWER, DYNAMIC/TUNABLE WHITE

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 (2K4K) | Rf: 84.3 | Rg: 96.9

Color Vector Graphic

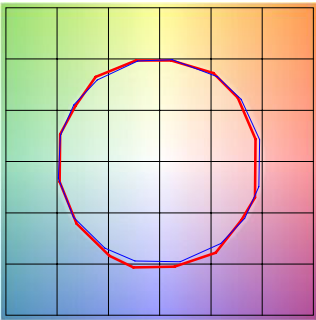


Test Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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 (2K4K) | Rf: 90.2 | Rg: 101.4

Color Vector Graphic

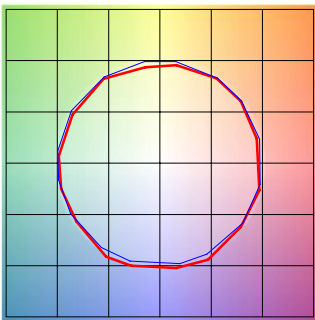


Test Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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 (2K4K) | Rf: 89.6 | Rg: 99.1

Color Vector Graphic



Test Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%