MODULAR SYSTEM STATIC WHITE OR WARM DIM



DESIGNED BY GREGORY KAY I ASSEMBLED IN AMERICA REV 10.08.20





DIFFUSED WHITE LENS

MODULAR END CAP

DESCRIPTION

Geometry comes alive with the Zip Modular Suspension System. Modular connectors allow you to combine multiple channels. These versatile suspensions can even be integrated into our Truline plaster-in systems. Run across ceilings, and cantilever walls, creating geometric compositions of any size creating new planes within a space, you become the Lighting Designer. The Zip Modular System is offered with a 100° Diffused White Lens or a Clear Frosted Lens with a 60° beam spread, add optional Black or White Louvers for additional diffusion. This highly customizable system has nine standard Color Temperatures ranging from 2200k to 5700k, including two Warm Dim options of (27D) 2700K or (30D) 3000K that dim down to 2000K, lengths from 12"-120", several metal finishes and three wattage options. Fixture includes a 5-year pro-rated warranty. Power supplies are required and sold separately. For Custom Quotes, Designs and Layout assistance email our design team design@PureEdgeLighting.com.

FEATURES & BENEFITS

- Low Profile: 0.7" Square Channel
- Power Supply: Up to 100 Watts (End Feed); or up to 200 Watts (Center Feed)
- Length Options: 12"-120" (10') before adding a Connector
- Wattage Options: 2, 5, or 7 Watts
- High Lumen Output: Up to 486 lm/ft
- 9 Color Temperature Options: 2200K-5700K, 27D, and 30D Warm Dim
- High CRI: Up to 95+
- Easy Installation: Push-In Connectors

FINISHES



INCLUDED COMPONENTS:

- Designer Grade High 95+ CRI LED strip, pre-installed to fit channel length
- Lens Diffused White 100° Beam Spread, or a Clear Frosted 60° Beam Spread with a Black Louver
- Channel with Suspension Cables

COMPONENTS (SOLD SEPARATELY)

- Surface or Remote Power Supply
- End Caps and Connectors (L and Straight)
- Power End Caps and Power Connectors (Power Canopies Included)

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

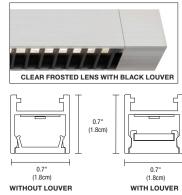
- UNI Driver (ELV, 0-10, TRIAC)
- Lutron Hi-Lume®
- Electronic Low Voltage Dimming (ELV)
- 0-10 Volt Dimming (0-10V)
- *In-Wall Mounting Kits available for select power supplies

APPLICATIONS

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

WARRANTY / LABELS

5 year pro-rated warranty. Title 24, ETL, Class 2. Damp Location. Assembled in America.

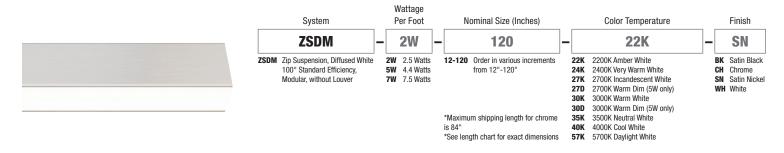


PROJECT	FIXTURE TYPE	DATE	



DIFFUSED WHITE LENS

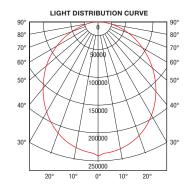
Zip Suspension Modular Channel is the primary component of the Zip Modular system. The 24VDC Channel may be ordered from 12-120" and includes a 0.60" Diffused White Lens. The Diffused White Lens offers the most Lumens and disperses the light evenly without dots. LEDs come in three Wattage options and nine Color Temperatures including Warm Dim (27D, 30D). The Zip Channel can be combined with various ZSM components such as L and Straight Connectors, and 2" or 4" Round or Square Power Canopies for building personalized modular configurations. Suspension Cables (every 5') are included with the Channel. A 100 watt 24VDC Remote Power Supply may be located up to 40' away. The Channel runs as long 40' with 2 watts per foot, 20' with 5 watts per foot, and up to 12' with 7.5 watts per foot before re-feeding. Use Dual Connector Center Feed with Canopy to double the length. The fixture and connectors all come in Satin Nickel, Black, White, and Chrome finishes. For Custom Quotes, Design and Layout assistance email our design team design@PureEdgeLighting.com.



												ZSDM											
DESCRIPTION									10	0° DIFFL	JSED WH	ITE LENS	S WITHO	UT LOUV	ER								
WATTS PER FOOT			2V	V (2.5 wat	tts)			5W (4.4 watts)								7W (7.5 watts)							
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (Im/ft)	80	89	98	107	123	134	142	173	192	211	260	231	284	264	287	306	275	305	335	367	420	456	486
LUMENS PER WATT (Im/w)	32	35.5	39	43	49	53	57	39	87	48	54	52	59	60	65	70	38	42	46	50	58	63	67
CRI	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84

*27D, 30D - Warm Dim (4.8 Watts)

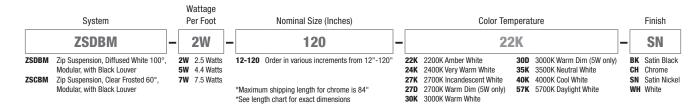
5W, DIFFUSED WHITE LENS											
Distance	Foot Candles	Beam Width Vertical Spread 101.1°	Beam Width Horizontal Spread 101.1°								
1.7'	120	4.1'	3.9'								
3.3'	39	8.0'	7.5'								
5.0'	16	12'	11.4'								
6.7'	10	16.3'	15.3'								
8.3'	6	20.2'	18.9'								
10'	4	24.3'	22.8'								





DIFFUSED WHITE LENS & CLEAR FROSTED LENS WITH BLACK LOUVER

Zip Suspension Modular Channel is the primary component of the Zip Modular system. The 24VDC Channel may be ordered from 12"-120" and includes a 0.60" Diffused White Lens or Clear Frosted Lens. The Black Louver reduces the most glare while dispersing the light evenly without dots. LEDs come in three wattage options and nine Color Temperatures including Warm Dim (27D, 30D). The Zip Channel can be combined with various ZSM components such as L and Flexible Connectors, and 2" or 4" Round or Square Power Canopies for building personalized modular configurations. Suspension Cables (every 5') are included with the Channel. A 100 watt (UL1598 100 watt) Remote Power Supply may be located up to 40' away. The Channel runs as long 40' with 2 watts per foot, 20' with 5 watts per foot, and up to 12' with 7.5 watts per foot before re-feeding. Use Dual Connector Center Feed with Canopy to double the length. The fixture and connectors all come in Satin Nickel, Black, White, or Chrome finishes. For Custom Quotes, Design and Layout assistance email our design team design@PureEdgeLighting.com.





											Z	SDB	M										
DESCRIPTION								100° I	DIFFU	SED V	VHITE	LENS	WITI	I BLA	CK LC	UVER	l						
WATTS PER FOOT			2W	(2.5 w	atts)						5W	(4.4 w	atts)						7W	(7.5 w	atts)		
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (Im/ft)	31	34.5	38	42	48	52	55	67	74.5	82	101	90	110	103	111	119	107	118.5	130	142	163	177	188
LUMENS PER WATT (Im/w)	12	13.5	15	17	19	21	22	15	17	19	21	20	23	23	25	27	15	16.5	18	19	22	24	26
CRI	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84



		ZSCBM																					
DESCRIPTION								60° C	LEAR	FROS	STED	LENS	WITH	BLAC	K LO	UVER							
WATTS PER FOOT		2W (2.5 watts)						5W (4.4 watts)								7W (7.5 watts)							
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (Im/ft)	35	39	43	47	54	59	62	76	84.5	93	128	101	140	116	126	134	121	134	147	161	185	201	214
LUMENS PER WATT (Im/w)	14	15.5 17 19 22 23 25					25	17	19	21	27	23	29	26	29	31	17	18.5	20	22	25	27	29
CRI	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84

*27D, 30D - Warm Dim (4.8 Watts)





LENGTH CHART Actual Lengths for Zip Suspension Downlight Modular

		WITH TWO DIMMERS DRIVER POWER SUPPLIE ONE FOR 40	ES: ONE FOR 2000K AND	DMX POWER AND CDMX CONTROLLER YOU NEED ONE POWER SUPPLY ONLY PG 15			WITH TWO DIMMERS DRIVER POWER SUPPLII ONE FOR 40		DMX POWER AND CDMX CONTROLLER You need one power supply only PG 15
Nominal Length (Inches)	Actual Length (Inches)	Minimum Power Supply (2W)	Minimum Power Supply (5W)	Minimum Power Supply (7W)	Nominal Length (Inches)	Actual Length (Inches)	Minimum Power Supply (2W)	Minimum Power Supply (5W)	Minimum Power Supply (7W)
12	12	2	5	8	68	68	14	28	43
15	15	3	6	9	70	70	15	29	44
17	17	4	7	11	72	72	15	30	45
20	20	4	8	13	75	75	16	31	47
22	22	5	9	14	77	77	16	32	48
24	24	5	10	15	80	80	17	33	50
27	27	6	11	17	82	82	17	34	51
29	29	6	12	18	84*	84*	17	35	53
32	32	7	13	20	87	87	18	36	54
34	34	7	14	21	89	89	19	37	56
36	36	7	15	23	92	92	19	38	58
39	39	8	16	24	94	94	20	39	59
41	41	9	17	26	96	96	20	40	60
44	44	9	18	28	99	99	21	41	62
46	46	10	19	29	101	101	21	42	63
48	48	10	20	30	104	104	22	43	65
51	51	11	21	32	106	106	22	44	66
53	53	11	22	33	108	108	22	45	68
56	56	12	23	35	111	111	23	46	69
58	58	12	24	36	113	113	24	47	71
60	60	12	25	38	116	116	24	48	73
63	63	13	26	39	118	118	25	49	74
65	65	14	27	41	120**	120	25	50	75

^{*84&}quot; max length Chrome **Max shipping length

	WARM DIM (27D & 30D)												
Nominal Length (Inches)	Actual Length (Inches)	Minimum Power Supply (5W)	Nominal Length (Inches)	Actual Length (Inches)	Minimum Power Supply (5W)								
12	12	5	69	69	29								
15	15	6	72	72	30								
18	18	8	75	75	31								
21	21	9	78	78	33								
24	24	10	81	81	34								
27	27	11	84*	84	35								
30	30	13	87	87	36								
33	33	14	90	90	38								
36	36	15	93	93	39								
39	39	16	96	96	40								
42	42	18	99	99	41								
45	45	19	102	102	43								
48	48	20	105	105	44								
51	51	21	108	108	45								
54	54	23	111	111	46								
57	57	24	114	114	48								
60	60	25	117	117	49								
63	63	26	120**	120	50								
66	66	28	·		<u> </u>								

^{*84&}quot; max length Chrome **Max shipping length

PROJECT	FIXTURE TYPE	DATE	

ZIP SUSPENSION

MODULAR SYSTEM STATIC WHITE OR WARM DIM

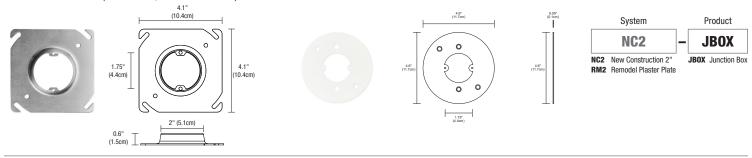


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COMPONENTS Swag Bar & Hook, Swag Hook, and T-Bar clip are compatible with all Power Canopy options and may be required based on lighting design and application

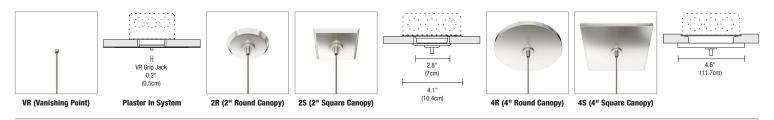
NEW CONSTRUCTION & REMODEL 2" COVER FOR 4" SQUARE JUNCTION BOX

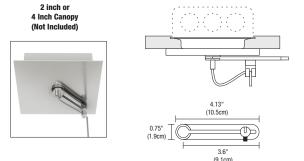
The New Construction NC2-JBOX Cover is included with the 2" Round and Square Canopies and is not required for the 4" Square Canopies. NC2 New Construction Junction Box Cover mounts to a standard 4" Electrical Box or Octagon Box, converting it to a 2" Plaster Ring for use with the 2R (Round) or 2S (Square) Canopy. The Remodel RM2-JBOX Plaster Plate cover is used with an existing 4" Square Junction Box and standard Round Plaster Ring. The PS-60L-ELV-24VDC (50 Watt IC, 60 Watt Non-IC) will fit inside the NC2 or RM2-JBOX Cover and Electrical Junction Box for a flush look.



ZIP REMOTE POWER CANOPIES (INCLUDED)

Canopies are included with Canopy ordering code. The 2" Round and Square Canopy includes a special Plaster Ring NC2-JBOX (above). The 4" Square or Round Canopy fits on a standard 4" Electrical Box with Round Plaster Ring and the PS-60L-ELV-24VDC 50 Watt IC, 60 Watt Non-IC) will fit inside the NC2 or RM2-JBOX Cover and Electrical Junction Box for a flush look.



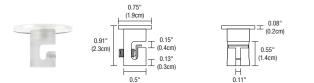


(0.3cm)

CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK

Channel Suspension Adjustable Swag Bar and Hook allows a cable to form a straight connection to the channel when the Power Canopy is not located directly above the fixture. Use when you have two or more canopies (power supplies) on the same fixture run. The Adjustable Swag Hook is compatible with the 2R, 2S, 4R and 4S Power Canopies (Canopy not included).

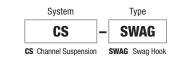


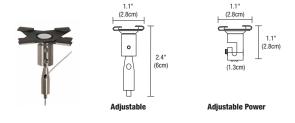


(1.3cm)

CHANNEL SUSPENSION SWAG HOOK

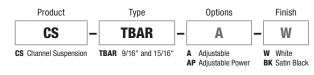
The clear plastic Swag Hook extends a cable from an electrical box that is not located directly above desired fixture location.





CHANNEL SUSPENSION ADJUSTABLE T-BAR CLIP

Channel Suspension Adjustable T-Bar Clip mounts to T-Bar grid ceilings. Available in Satin Nickel Hardware as Adjustable Power and Non-Power versions.



PROJECT FIXTURE TYPE DATE



Indicates 24VDC Power Flow

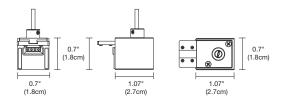
MODULAR CONFIGURATIONS Use L, T, X, Y, & Flexible Connectors to design any Modular formation

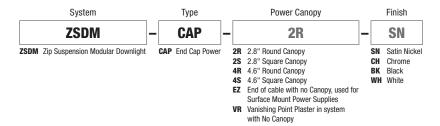


COMPONENTS Power End Cap & End Cap

END CAP POWER CABLE WITH OR WITHOUT CANOPY

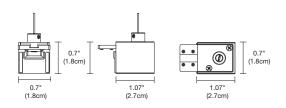
Power End Cap Connector joins the Zip Suspension Modular Downlight and electrically provides power from a Remote Power Supply through the 2" or 4" Canopy or use the EZ ordering code for no Canopy and Surface Mount Power Canopies (sold separately). It includes 12' of Power Cable, which easily adjusts at Canopy with the Push-In Grip Jack Connector.

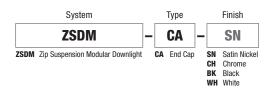




END CAP

End Cap terminates the Zip Suspension Modular Downlight run and provides finished look. Includes 12' of adjustable Aircraft Cable and Ceiling Anchors.





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MODULAR SYSTEM STATIC WHITE OR WARM DIM



COMPONENTS Straight Connectors

0.7"

(1.8cm)

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Indicates 24VDC Power Flow

Finish

SN

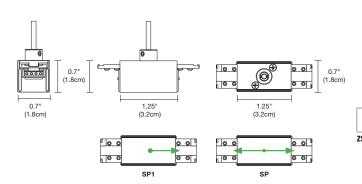
White

CH Chrome

BK Black

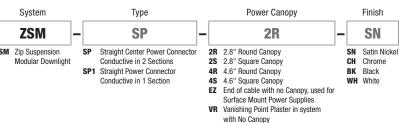
WH

Satin Nickel



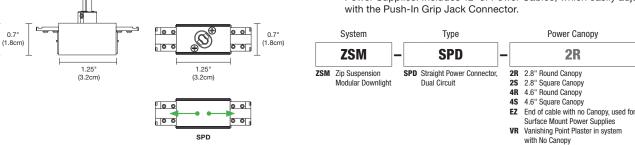
STRAIGHT POWER CONNECTOR WITH OR WITHOUT CANOPY

Straight Power Connector joins two sections of Zip Suspension Modular Downlight Channels, for creating endless linear lighting configurations. Use as a Center Power Feed (SP) electrically powering two sections from a Remote Power Supply or feed the power to one section (SP1). Choose the 2" or 4" Canopy Straight Center or use the EZ ordering code for no Canopy and Surface Mount Power Canopies (sold separately). Includes 12' of Power Cable which easily adjusts at Canopy with the Push-In Grip Jack Connector.



STRAIGHT POWER CONNECTOR DUAL CIRCUIT WITH CANOPY

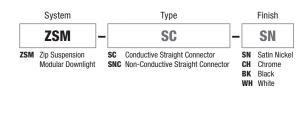
Straight Power Connector Dual Circuit joins two sections of Zip Suspension Modular Downlight Channels, to create endless linear lighting configurations. It electrically powers two sections on separate circuits from two Remote Power Supplies. Includes 12' of Power Cables, which easily adjust at Canopy with the Push-In Grip Jack Connector.



0.7° (1.8cm) (3.2cm) (3.2cm) (3.2cm)

STRAIGHT CONNECTOR

Straight Connector joins two sections of Zip Suspension Modular Downlight. It is electrically powered from the previous Channel (SC) or isolates the power (SNC). Includes 12' of adjustable Aircraft Cable and Ceiling Anchors.

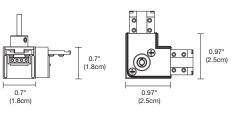


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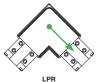
Indicates 24VDC Power Flow

COMPONENTS L-Shaped Connectors



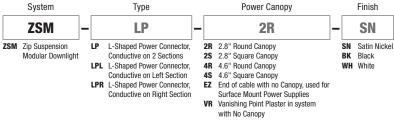


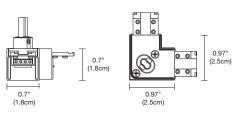




L-SHAPED POWER CONNECTOR WITH CANOPY

L-Shaped Power Connector joins two sections of Zip Suspension Modular Downlight at 90°. It electrically powers either the left section **(LPL)**, right section **(LPR)** or both sections **(LP)** from a Remote Power Supply. Includes Power Canopy and 12' of coaxial Power Cable which easily adjusts at Canopy with the Push-In Grip Jack Connector.

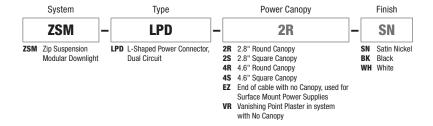


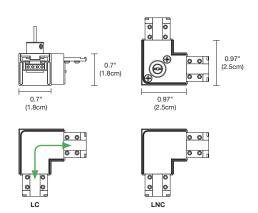




L-SHAPED POWER CONNECTOR DUAL CIRCUIT WITH CANOPY

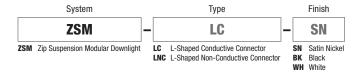
Straight Power Connector Dual Circuit joins two sections of Zip Suspension Modular Downlight Channels at 90°, for creating endless linear lighting configurations. It electrically powers two sections on separate circuits from two Remote Power Supplies. Includes Power Canopy and 12' of coaxial Power Cable which easily adjusts at Canopy with the Push-In Grip Jack Connector.





L-SHAPED CONNECTOR

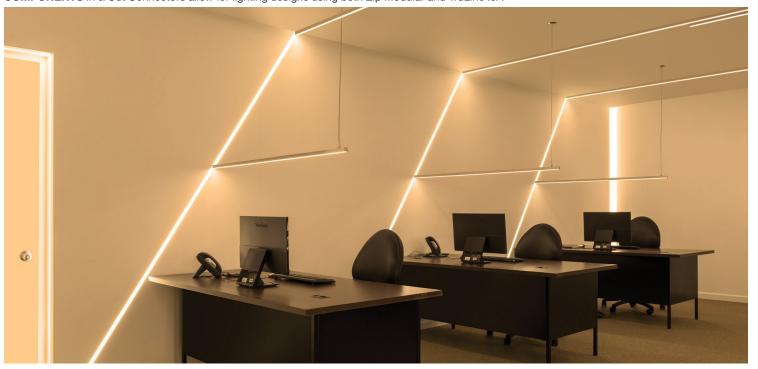
L-Shaped Connector joins two sections of Zip Suspension Modular Downlight at 90°, conducting the power **(LC)** or isolating the power **(LNC)**. Includes 12' of adjustable Aircraft Cable and Ceiling Anchors.

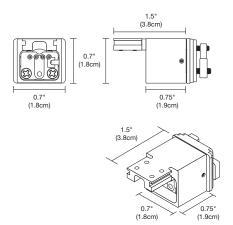


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COMPONENTS In & Out Connectors allow for lighting designs using both Zip Modular and TruLine .5A

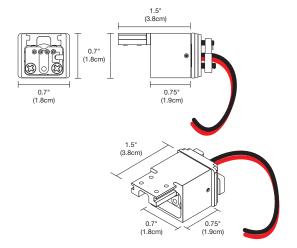




TRULINE .5A IN & OUT CONNECTOR TO ZIP MODULAR CEILING & SUSPENSION

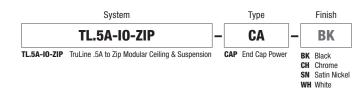
TruLine .5A In & Out Connector joins the end of Zip Modular Ceiling or Suspension systems to PureEdge Lighting's TruLine 1A recessed extrusion (not conductive).





TRULINE .5A IN & OUT POWER CONNECTOR TO ZIP MODULAR CEILING & SUSPENSION

TruLine .5A In & Out Power Connector joins and provides power from the end of Zip Suspension Modular systems to PureEdge Lighting's TruLine 1A recessed extrusion.



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GRIP JACK SUSPENSION CANOPIES WITH POWER SUPPLIES For 24VDC Static White & Warm Dim LEDs

	GRIP J	ACK SUSPENSION CANOPIES	WITH POWER SUPPLIES					
	GSP-RM-2RD-1P-50-ELV GSP-RM-2SQ-1P-50-ELV	GSP-NC-2RD-1P-50-ELV GSP-NC-2RD-1P-50-ELV	GSP-4RD-1P-50-ELV GSP-4SQ-1P-50-ELV	GSP-5SQ-1P-60-ELV	GSP-5SQ-2P-2X60-ELV			
ORDERING CODE				, v	ý ý			
		SPECIFICATION	NS					
DESCRIPTION	Grip Jack Suspension 2.68" Canopy with Remodel Plaster Plate and 50W Power Supply that fits in Junction Box with 1-Port Power Feed Grip Jack Suspension 2.68" Can with New Construction 2" Plast Ring and 50W Power Supply that fits in Junction Box with 1-Port Power Feed		Grip Jack Suspension Canopy with Remodel 4.6" Canopy and 50W Power Supply that fits in existing Junction Box with 1-Port Power Feed	2x60W Grip Jack Suspension 5" Square Surface Mount Canopy with 1-Port Feed	2x60W Grip Jack Suspension 5" Square Surface Mount Canopy with 2-Port Feed			
MAXIMUM LOAD	60W-NON IC, 50W-IC (FITS IN J-BOX)	60W-NON IC, 50W-IC (FITS IN J-BOX)	60W-NON IC, 50W-IC (FITS IN J-BOX)	60W	2X60W			
INPUT VOLTAGE	120VAC	120VAC	120VAC	120VAC	120VAC			
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC	24VDC			
DIMENSIONS	2.68" X 2.68" X .1"	2.68" X 2.68" X .1"	4.6" X 4.6" X .2"	5.5" X 5.5" X 1.5"	5.5" X 5.5" X 1.5"			
FINISH	BK, CH, SN, WH	BK, CH, SN, WH	BK, CH, SN, WH	BK, CH, SN, WH	BK, CH, SN, WH			
CLASSIFICATION	CLASS 2	CLASS 2 CLASS 2		CLASS 2	CLASS 2			
MOUNTING	REMODEL CONSTRUCTION, POWER SUPPLY RECESSED IN J-BOX	NEW CONSTRUCTION, POWER SUPPLY RECESSED IN J-BOX	REMODEL CONSTRUCTION, POWER SUPPLY RECESSED IN J-BOX	SURFACE MOUNT	SURFACE MOUNT			
EFFICIENCY	85%	85%	85%	85%	85%			
SHORT CIRCUIT PROTECTION	YES	YES	YES	YES	YES			
OVER TEMPERATURE PROTECTION	YES	YES	YES	YES	YES			
WORKING TEMPERATURE	-30°C TO 90°C	-30°C TO 90°C	-30°C TO 90°C	-30°C TO 90°C	-30°C TO 90°C			
		DIMMING & CONT	ROLS					
LUTRON DIVA: DVELV-300P	•	•	•	•	•			
LUTRON SKYLARK: SELV-300P	•	•	•	•	•			
LUTRON RADIO RA2: RRD-6NA	N/A	N/A	N/A	•	•			
LUTRON MAESTRO: MAELV-600	•	•	•	•	•			
LEGRAND ADORNE: ADTP-703TUM4	N/A N/A		N/A	•	•			

GRIP JACK SUSPENSION CANOPIES WITH POWER SUPPLIES								
	GSP-5SQ-1DP-2X60-ELV	GSP-6SQ-1P-100-ELV GSP-6SQ-1P-150-ELV	GSP-6SQ-2P-2X100-ELV GSP-6SQ-2P-2X150-ELV	GSP-6SQ-1DP-2X100-ELV- GSP-6SQ-1DP-2X150-ELV-	GSP-6SQ-1P-200-ELV			
ORDERING CODE	ÜÜ	TO TO		7 th	Û			
		SPECIFICATIO	NS					
5" Square Surface Mount Canopy 6" Square Surface		100W or 150W Grip Jack Suspension 6" Square Surface Mount Canopy with 1-Port Feed	2x100W or 2X150W Grip Jack Suspension 6" Square Surface Mount Canopy with 2-Port Feed	2x100W or 2X150W Grip Jack Suspension 6" Square Surface Mount Canopy with Dual-Port Feed	200W Grip Jack Suspension 6" Square Surface Mount Canopy with 1-Port Feed			
MAXIMUM LOAD	2X60W	100W OR 150W	2X100W OR 2X150W	2X100W OR 2X150W	200W			
INPUT VOLTAGE	120VAC	120VAC	120VAC	120VAC	120VAC			
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC	24VDC			
DIMENSIONS	5.5" X 5.5" X 1.5"	6.5" X 6.5" X 1.875"	6.5" X 6.5" X 1.875"	6.5" X 6.5" X 1.875"	6.5" X 6.5" X 1.875"			
FINISH	BK, CH, SN, WH	BK, CH, SN, WH	BK, CH, SN, WH	BK, CH, SN, WH	BK, CH, SN, WH			
CLASSIFICATION	CLASS 2	100W CLASS 2 150W UL2108	100W CLASS 2 150W UL2108	100W CLASS 2 150W UL2108	UL2108			
MOUNTING	SURFACE MOUNT	SURFACE MOUNT	SURFACE MOUNT	SURFACE MOUNT	SURFACE MOUNT			
EFFICIENCY	85%	85%	85%	85%	85%			
SHORT CIRCUIT PROTECTION	YES	YES	YES	YES	YES			
OVER TEMPERATURE PROTECTION	YES	YES	YES	YES	YES			
WORKING TEMPERATURE	-30°C TO 90°C	-30°C TO 90°C	-30°C TO 90°C	-30°C TO 90°C	-30°C TO 90°C			
		DIMMING & CONT	TROLS					
LUTRON DIVA: DVELV-300P	•	•	•	•	•			
LUTRON SKYLARK: SELV-300P	•	•	•	•	•			
LUTRON RADIO RA2: RRD-6NA	•	•	•	•	•			
LUTRON MAESTRO: MAELV-600	•	•	•	•	•			
LEGRAND ADORNE: ADTP-703TUM4	•	•	•	•	•			
PROJECT		FIXTU	RE TYPE	DAT	Е			



INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES





REV 10.08.20

	UNIVERSAL PO	UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS							
	PSB-40W-UNI-24VDC	PSB-60W-UNI-24VDC	PSB-2X40W-UNI-24VDC	PSB-2X60W-UNI-24VDC					
ORDERING CODE	0			6					
ONDENING CODE			0 :	0					
	9.0	6.0	: 0:0:0	: 0:0:0					
			(1)	0 0					
		SPECIFICATIONS							
MAXIMUM LOAD	40W	60W	2X40W	2X60W					
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC					
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC					
DIMENSIONS	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"					
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2					
IN-WALL MOUNTING	PSB-40W-UNI-24VDC-IW	PSB-60W-UNI-24VDC-IW	PSB-2X40W-UNI-24VDC-IW	PSB-2X60W-UNI-24VDC-IW					
	UNIVERSAL PO	OWER SUPPLIES & RECOMMENDER	D DIMMERS						
	PSB-96W-UNI-24VDC	PSB-2X96W-UNI-24VDC	PSB-3X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC					
ORDERING CODE	6	0							
0.12	1 7		0 3	8 9					
	. (3)	0:0:0	0 0	9 9 60					
	0 :0	1) 0							
		SPECIFICATIONS							
MAXIMUM LOAD	96W	2X96W	3X96W	4X96W					
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC					
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC					
DIMENSIONS	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"					
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2					
IN-WALL MOUNTING	PSB-96W-UNI-24VDC-IW	PSB-2X96W-UNI-24VDC-IW	NA	NA 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: DVTV-WH, DVSTV-WH	•	•	•	•					
LUTRON NOVA T: NTSTV-DV-XX	•	•	•	•					
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•	•					
LUTRON RADIO RA2: RRD-10ND	•	•	•	•					
LEVITON: LEV40050	•	•	•	•					
LEVITON IP710-LFZ	•	•	•	•					
LEGRAND: ADPD4FBL3P2W4	•	TRIAC DIMMING & CONTROLS	<u>•</u>	•					
LUTRON SKYLARK: S2-L-WH	•	TRIAC DIMMING & CONTROLS	•	•					
LUTRON DIVA DVLV-600P-WH	•	•	•	•					
LUTRON DIVA DVLV-603P-WH	•	•	•	•					
LUTRON MAESTRO MALV-600-WH	•	•	•	•					
LUTRON MAESTRO MALV-1000-WH	•	•	•						
LUTRON MAESTRO MALV-1000-WH LUTRON MAESTRO MA-R-XX	•	•	•						
LUTHUM MAESTRU MA-N-AA		•	<u> </u>						

- · 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 supplyEfficient, 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.

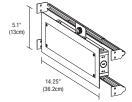
PROJECT	FIXTURE TYP	DATE	
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24VDC, UNI - UNIVERSAL DIMMING WITH ELV, TRIAC, & 0-10V

IN WALL MOUNTING OPTIONS

REV 10.08.20



8.5° (21.6cm)

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 5.1 x 14.25 inch: PSB-40W-UNI-24VDC-IW

PSB-60W-UNI-24VDC-IW PSB-96W-UNI-24VDC-IW

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

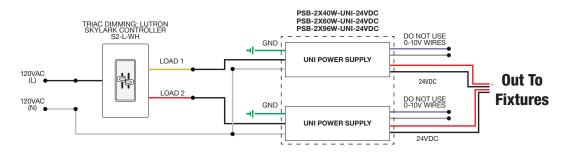
PSB-2X60W-UNI-24VDC-IW

PSB-2X96W-UNI-24VDC-IW

WIRING DIAGRAMS UNIVERSAL POWER SUPPLY

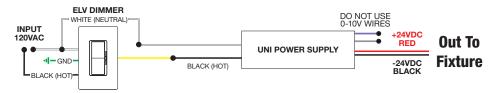
Application: Triac dimming for two power supplies, use for Static White, Dynamic/Tunable White 2000K-4000K

Dimming: Dimmable with Triac dimmer: Lutron: Skylark S2-L



Application: ELV dimming for Static White and Warm Dim

Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



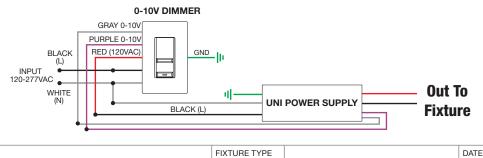
Application: 0-10V dimming for Static White

PROJECT

Dimmable with 0-10V dimmer: Philips Sunrise: SR1200ZTUNV; Lutron Diva: DVTV-WH, DVSTV-WH; Lutron Nova T: NTSTV-DV-XX;

Lutron Grafix EYE QS: QSGRJ-XP; Lutron Radio Ra2: RRD-10ND; Leviton: LEV40050; Leviton IP710-LFZ;

Legrand: ADPD4FBL3P2W4



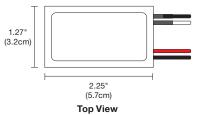
INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

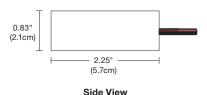
24VDC, PS-60L-ELV



REV 10.08.20







DESCRIPTION

Compact, lightweight remote electronic 60W/24V LED Power Supply* converts standard 120VAC voltage to 24VDC and features built-in short-circuit protection. The low voltage output may be dimmed using an electronic low voltage dimmer. The Power Supply is certified to be used inside a standard Junction Box enclosure. Power Supply features short circuit and overload protection. Indoor applications only.

*Electrical Panels using Seimens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker.

POWER INPUT 120 volts AC, 60Hz

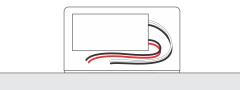
POWER OUTPUT Class 2; 24 volts DC 2.5A 60 watt maximum

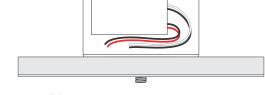
DIMENSIONS 2.25" x 1.25" x 0.83"

DIMMER TYPE Electronic Low Voltage Dimmer Lutron: Diva

#DVELV-300P; Skylark #SELV-300P; Maestro

#MAELV-600





APPLICATIONS Indoor*

To avoid overheating the power supply, install it in a ventilated remote location where air flows. Maintain proper spacing among power supplies when multiple power supplies are installed in the same remote location.

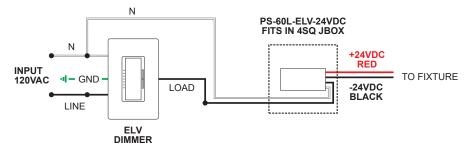
Voltage Product Wattage Dimming PS **24VDC** 60L **ELV** PS Power Supply **60W** 60 Watt **ELV** Electronic Low Voltage

SAMPLE WIRING DIAGRAMS 24VDC ELV

Application: ELV dimming for Static White

Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and

Radio Ra 2



INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

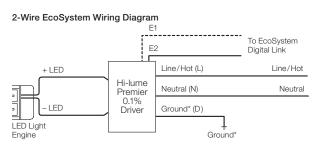
24VDC, LUTRON ECOSYSTEM

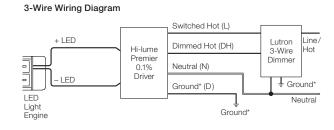


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LUTRON HI-LUME® PREMIER .1% ECOSYSTEM®†						
	L3D0-96W24V-U	2-WIRE ECOSYSTEM LTEA4U1UKL-CV240	3-WIRE ECOSYSTEM L3DA4U1UKL-CV240			
ORDERING CODES		Hardway Hardway Hardw				
		SPECIFICATIONS				
MAXIMUM LOAD	96W	5W-40W	5W-40W			
INPUT VOLTAGE	120-277VAC	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			
	DIM	MING AND CONTROLS				
RADIO RA2	•	•	•			
HOMEWORKS QS	•	•	•			
PHPM-3F-120	•	•	•			
PHPM-3F-DV	•	•	•			
BCI-0-10	•	•	•			

124K - 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.



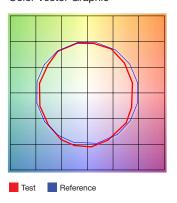


LTEA4U1UKL-CV240 L3DA4U1UKL-CV240



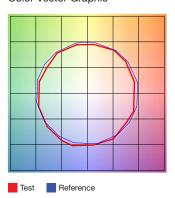
TM-30-15 DATA: The data below is for SS2C, SS5C, SS7C, and SS10C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2200K | Rf: 83.9 | Rg: 94.9 Color Vector Graphic



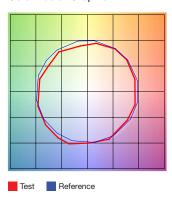
		GRAPHIC	SHIFTS %
HUE BIN	Rf	CHROMA	HUE
1	77.6	-10.0%	1.8%
2	80.7	-7.5%	7.0%
3	79.5	-2.9%	8.9%
4	90.5	-3.1%	2.4%
5	93.9	-1.3%	1.9%
6	91.9	-0.9%	-0.2%
7	87.6	-6.3%	-2.7%
8	90.5	-5.4%	2.7%
9	83.8	-4.7%	6.5%
10	81.2	-2.5%	10.0%
11	83.3	3.9%	9.4%
12	86.4	5.6%	2.6%
13	86.2	4.5%	-12.4%
14	64.3	-1.0%	-21.9%
15	85.1	-4.4%	-7.5%
16	75.0	-9.9%	-12.0%

2700K | Rf: 87.7 | Rg: 96.1 Color Vector Graphic



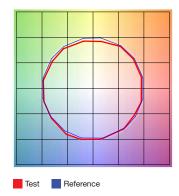
		GRAPHIC SHIFTS %		
HUE BIN	Rf	CHROMA	HUE	
1	86.4	-5.6%	2.3%	
2	89.7	-3.3%	3.1%	
3	90.5	-1.5%	3.8%	
4	90.0	-4.3%	1.1%	
5	92.9	-3.7%	0.2%	
6	93.5	-2.5%	-0.8%	
7	86.3	-7.2%	2.5%	
8	90.7	-4.0%	3.2%	
9	85.2	-2.4%	8.1%	
10	81.7	0.9%	10.8%	
11	85.4	4.5%	8.9%	
12	88.7	5.7%	-1.4%	
13	88.3	1.3%	-7.9%	
14	85.1	2.4%	-10.4%	
15	88.1	-4.8%	-2.7%	
16	81.7	-4.3%	-10.9%	

3500K | Rf: 86.1 | Rg: 95.5 Color Vector Graphic



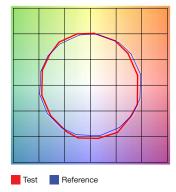
		GRAPHIC	SHIFTS %
HUE BIN	Rf	CHROMA	HUE
1	86.6	-4.2%	3.4%
2	91.7	-1.4%	1.8%
3	94.9	-0.7%	0.4%
4	87.9	-4.5%	-4.1%
5	85.9	-10.3%	-2.7%
6	89.8	-5.2%	-0.4%
7	79.6	-9.5%	6.5%
8	87.6	-4.0%	5.7%
9	81.4	-0.5%	11.8%
10	78.3	3.3%	11.4%
11	85.7	6.3%	6.1%
12	86.3	7.1%	-4.6%
13	86.1	-0.7%	-9.6%
14	85.1	0.8%	-10.4%
15	83.4	-4.1%	-5.3%
16	82.5	-3.6%	-5.7%

2400K | Rf: 91.2 | Rg: 96.8 Color Vector Graphic



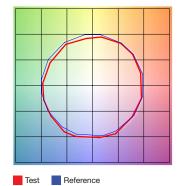
		GRAPHIC	SHIFTS %
HUE BIN	Rf	CHROMA	HUE
1	92.0	-2.4%	1.5%
2	94.7	-2.1%	0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89.0	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

3000K | Rf: 88.1 | Rg: 99.7 Color Vector Graphic



		GRAPHIC	SHIFTS %
HUE BIN	Rf	CHROMA	HUE
1	87.7	-5.9%	-0.3%
2	87.9	-4.4%	4.3%
3	82.9	-1.2%	7.9%
4	89.9	0.6%	4.7%
5	92.7	3.0%	3.5%
6	92.7	3.6%	-1.7%
7	90.8	-1.3%	-4.4%
8	93.7	-2.5%	-2.2%
9	91.7	-3.7%	2.3%
10	85.5	-2.8%	7.8%
11	83.3	0.7%	11.0%
12	86.4	5.5%	3.8%
13	90.6	4.6%	-3.6%
14	85.6	5.9%	-8.4%
15	89.5	-0.6%	-5.7%
16	82.6	-2.7%	-12.0%

4000K | Rf: 87.6 | Rg: 96.8 Color Vector Graphic



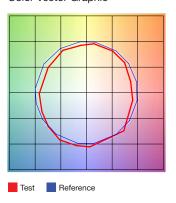
		GRAPHIC	SHIFTS %
HUE BIN	HUE BIN Rf		HUE
1	89.0	-3.1%	2.1%
2	93.2	-0.9%	1.3%
3	94.3	-1.1%	0.7%
4	89.5	-4.0%	-2.3%
5	87.6	-7.8%	-1.8%
6	92.2	-4.6%	0.1%
7	87.4	-6.6%	3.6%
8	85.7	-3.8%	7.0%
9	81.5	-1.3%	12.4%
10	80.0	0.9%	11.4%
11	83.3	5.9%	8.7%
12	89.7	4.8%	-0.3%
13	88.5	2.4%	-6.3%
14	92.7	4.0%	-3.8%
15	86.1	-1.6%	-4.5%
16	85.0	-1.4%	-5.0%

ı	PROJECT	FIXTURE TYPE	DATE	
П	FROJECT	TIXTORL TIFL	DAIL	



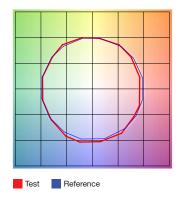
TM-30-15 DATA: The data below is for SS2C, SS5C, SS7C, and SS10C bare LED Soft Strips. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

5700K | Rf: 80.3 | Rg: 91.5 Color Vector Graphic



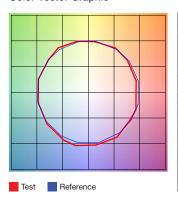
		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	73.8	-11.2%	2.6%
2	83.7	-5.5%	5.8%
3	84.2	-4.0%	5.5%
4	85.8	-3.5%	1.3%
5	85.3	-7.1%	0.6%
6	89.2	-5.8%	-2.2%
7	81.5	-10.7%	1.2%
8	75.7	-9.7%	8.5%
9	74.9	-7.8%	18.8%
10	67.8	-1.6%	18.0%
11	76.1	5.5%	12.0%
12	90.8	4.9%	-1.6%
13	83.6	5.0%	-9.5%
14	81.7	-1.2%	-10.0%
15	69.0	2.0%	-22.8%
16	83.2	-8.5%	-1.0%

2700D | Rf: 89.5 | Rg: 100.8 Color Vector Graphic



		GRAPHIC SHIFTS %		
HUE BIN	Rf	CHROMA	HUE	
1	88.8	-5.1%	1.4%	
2	89.8	-2.7%	4.1%	
3	87.2	0.3%	5.9%	
4	92.3	-0.9%	1.0%	
5	93.3	1.5%	1.7%	
6	92.4	3.6%	-0.2%	
7	92.2	-0.9%	-2.4%	
8	96.7	-0.4%	-1.1%	
9	92.3	-1.2%	3.7%	
10	88.9	-0.0%	6.1%	
11	86.4	5.1%	7.4%	
12	88.2	6.3%	-0.9%	
13	87.2	3.8%	-8.1%	
14	84.2	3.8%	-11.0%	
15	89.8	-2.6%	-4.3%	
16	82.7	-3.4%	-11.1%	

3000D | Rf: 89.8 | Rg: 101.4 Color Vector Graphic



		GRAPHIC SHIFTS %		
HUE BIN	Rf	CHROMA	HUE	
1	90.2	-4.2%	1.5%	
2	90.9	-2.0%	3.7%	
3	87.9	0.8%	5.5%	
4	92.1	-0.9%	0.6%	
5	93.0	1.5%	1.6%	
6	92.2	3.9%	-0.2%	
7	92.1	-0.3%	-2.0%	
8	96.7	0.0%	-1.2%	
9	92.5	-0.6%	3.7%	
10	88.3	1.1%	7.0%	
11	87.2	4.1%	7.4%	
12	87.2	6.7%	-1.0%	
13	88.2	3.8%	-7.2%	
14	85.3	4.3%	-9.9%	
15	90.9	-2.2%	-3.6%	
16	83.4	-2.2%	-11.2%	