PIPELINE® TRACK TWO CIRCUIT SUSPENSION WITH UPLIGHT

24VDC REMOTE POWER, END FEED

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | US PATENT ISSUED

REV 02.05.21

DESCRIPTION

Pipeline Two Circuit Suspension Track with Uplight is a Linear fixture with an integrated LED up light and Track Heads that are controlled independently of one another. Custom-tailor the Pipeline Two Circuit Suspension to any space instantly by adding Track Heads anywhere along the bottom of the suspension. The Uplight creates a clean, uninterrupted indirect beam of light, available in seven standard Color Temperatures, including Warm Dim 2700K **(27D)** or 3000K **(30D)** that dim down to 2000K. The Pipeline Two Circuit Suspension is compatible with Pure Edge T24 track heads (refer to pages 5 and 6). The Uplight and Track heads are powered by their own 24VDC remote power supply (ordered separately) that can be located up to 40' away. Fixture includes a 5-year pro-rated warranty. For custom lengths, finishes, designs, and quotes send drawings to design@PureEdgeLighting.com .

FINISHES

Black Powder Paint **BK**

White Powder Paint **WH**

LENS

- Uplight- Diffused White Lens with 176° beam spread
- Track Heads - Offered in multiple beam spreads from 15° to 60° (specifications on pages 4-5)

LAMPING

- 5W - 4.4 Watts per Foot, Lengths up to 10ft
- 95+ CRI 2700K, 3000K, or 3000D Warm Dim
- 50,000 Hour Lamp Life

INSTALLATION

- Pre-wired from a Remote Power Supply feeding 24VDC, 96 watts for Up Light and up to 200 watts for Track lighting per circuit at a maximum of 40' away using #12 Gauge Wire
- Includes adjustable 12' Coaxial Cables

REMOTE POWER SUPPLIES (ORDER SEPARATELY)

- 0-10 Volt Dimming **(0-10V)**

APPLICATIONS

Designed for indoor use only. Ideal environments include commercial, architectural and retail spaces in addition to offices, conference rooms, entrance halls and lobbies.

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed. Title 24 with select power supplies, Made in America.

System		Indirect Lighting Wattage Per Foot		Canopy		Nominal Size		Indirect Color Temperature		Finish
PSTU2CR	–	**5WX**	–	**2R**	–	**2**	–	**30K**	–	**WH**

PSTU2CR Suspension Track, with Up light, Two circuit, Remote Power

*Title 24 with 0-10 volt and Uni driver power supplies

5WX 4.4 Watts 10mm strip

2R 2.8" Round Canopy
4R 4.6" Round Canopy
2R2 2 X 2.8" Round Canopy
4R2 4 X 2.8" Round Canopy
VRD Vanishing Point Plaster in system with No Canopy, only dual cable going through drywall ceiling with GJ24 is visible

See Pages 5 & 6 for Track Head information and ordering code.

2 2 Feet
4 4 Feet
6 6 Feet
8 8 Feet
10 10 Feet

24K 2400K Very Warm White
27K 2700K Incandescent White
30K 3000K Warm White
30D 3000K Warm Dim
35K 3500K Neutral White

BK Black Powder Paint
WH White Powder Paint

PROJECT		FIXTURE TYPE		DATE	

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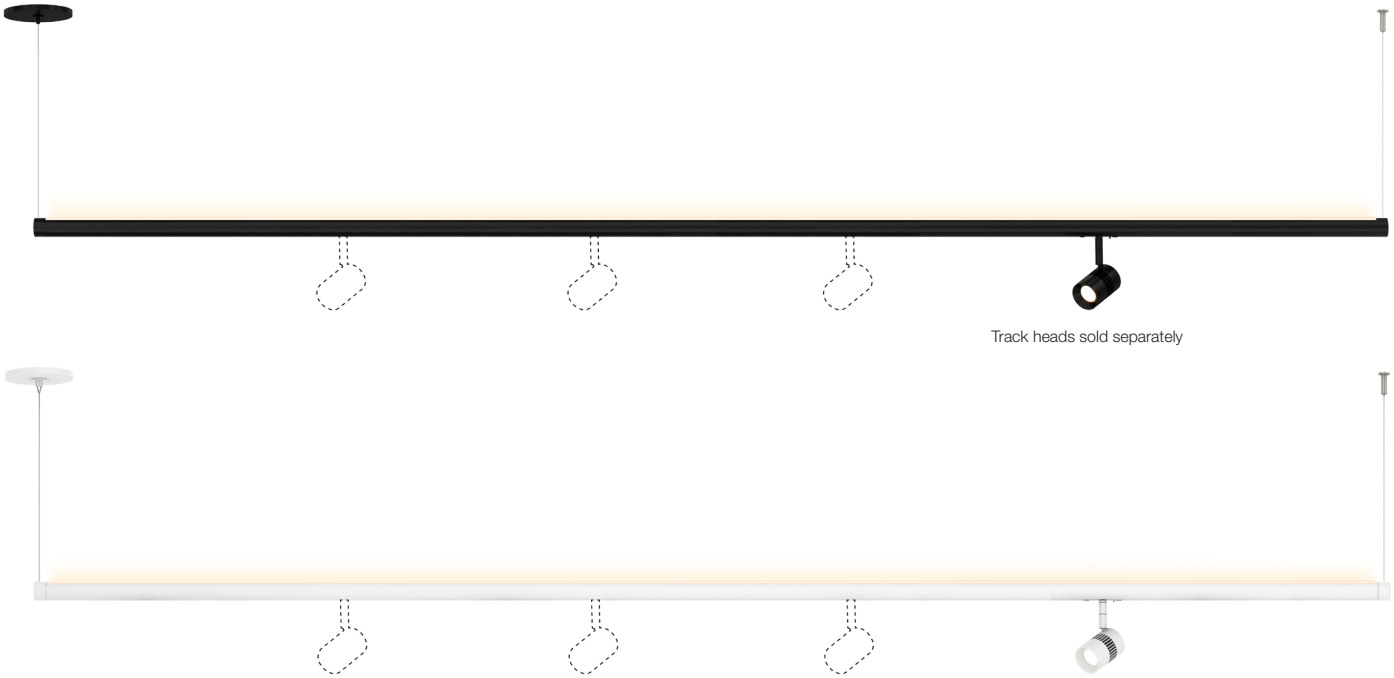
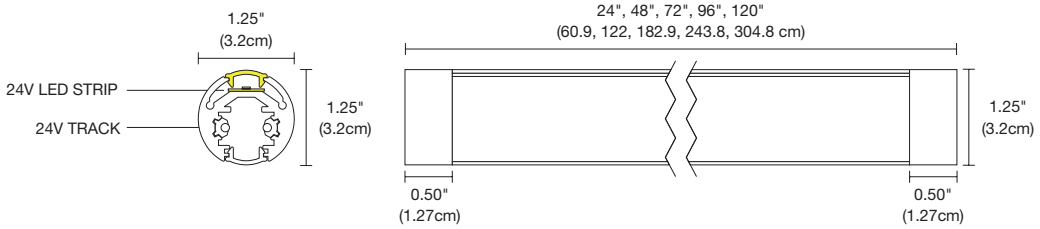


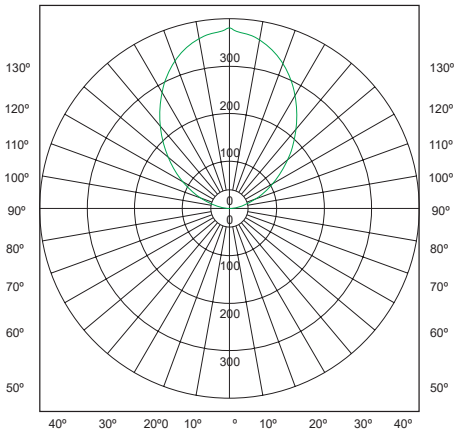


LAMP DATA Lamp Data for Pipeline Track Suspension with Uplight and Remote Power

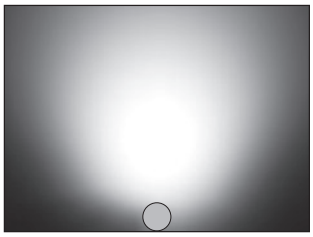
	PSTU
DESCRIPTION	**INDIRECT LIGHTING**
WATTS FOOT	5w (4.4 watts)
COLOR TEMPERATURE	30K
LUMENS PER FOOT (lm/ft)	250
LUMENS PER WATT (lm/w)	100
CRI	95+

30K			
Nominal Length (Inches)	**Actual Length (Inches)**	**Total Wattage (5W)**	**Total Lumens Uplight 3000K (5W)**
48	51	50	1176
72	75	70	2352
96	99	100	3000

CANDLE POWER DISTRIBUTION 149°



BEAM SPREAD CHART
PSTU 3000K 5 Watt 149°



PROJECT		FIXTURE TYPE		DATE	

PIPELINE® TRACK TWO CIRCUIT SUSPENSION WITH UPLIGHT

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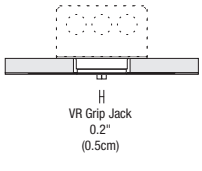
REMOTE POWER CANOPIES

The 2" Round and Square Canopy includes a the NC2-JBOX. The 4" canopies mount to a standard 4" junction box. Vanishing point is the only truly trimless and flush design available on the market as the suspension cables disappear into the ceiling. Refer to the Vanishing Point specification for details and requirements including millwork options.

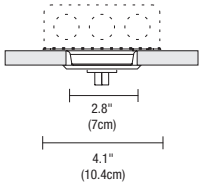
VR (Vanishing Point)



Plaster In System

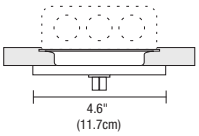
2R (2" Round Canopy)

2S (2" Square Canopy)



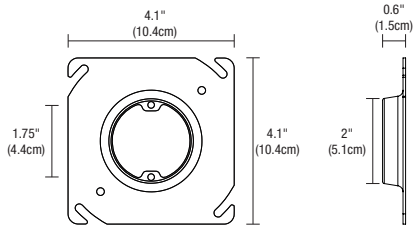
4R (4" Round Canopy)

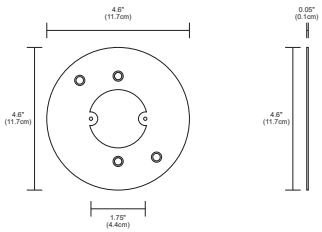
4S (4" Square Canopy)



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. The NC2 cover mounts to a standard 4" junction or octagon box accommodating the 2" Plaster Ring for use with the 2R and 2S canopies. The Remodel RM2-JBOX plaster plate cover can used with an existing 4" square junction box. The PS-60L-ELV-24VDC (50 Watt IC, 60 Watt Non-IC) fits within the junction box for a seamless aesthetic.





System		Product
NC2	–	JBOX

NC2 New Construction 2"
RM2 Remodel Plaster Plate

JBOX Junction Box

ACCESSORIES Additional components may be required based on lighting design and application.

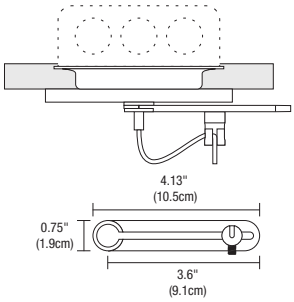
VANISHING POINT NON-POWER CABLE GRIP

The Vanishing Point non-power cable grip is compatible with all PureEdge linear suspensions. Refer to the Vanishing Point specification for details and requirements including millwork options. Max 33lbs.

Product		Type/Voltage
VR	–	CG

VR Vanishing Point .043" Connection, Plastered in to Drywall. No Outline of Canopy at connection point.

CG Non-Power Cable Grip



CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK

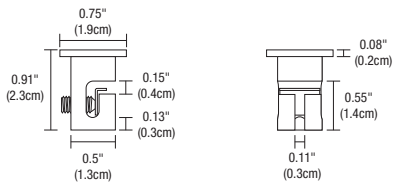
Channel Suspension Adjustable Swag Bar and Hook allows a cable to form a straight connection to the channel when the Power Canopy is not located directly above the fixture. Use when you have two or more canopies (power supplies) on the same fixture run. The Adjustable Swag Hook is compatible with the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

Product		Type		Finish
CS	–	ADJ-DP-SWAG	–	SN

CS Channel Suspension

ADJ-SWAG Adjustable Swag Hook for Static White
ADJ-DP-SWAG Dual Post Adjustable Swag Hook for 2K4K & RGB

SN Satin Nickel



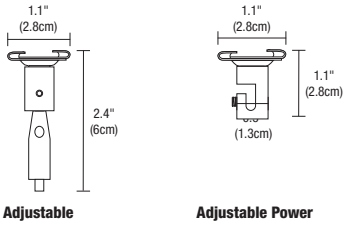
CHANNEL SUSPENSION SWAG HOOK

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

System		Type
CS	–	SWAG

CS Channel Suspension

SWAG Swag Hook



Adjustable **Adjustable Power**

CHANNEL SUSPENSION ADJUSTABLE T-BAR CLIP

Channel Suspension Adjustable T-Bar Clip mounts to T-Bar grid ceilings. Adjustable is offered in Satin Nickel, Clear plastic for Adjustable Power.

Product		Type		Options
CS	–	TBAR	–	A

CS Channel Suspension

TBAR 9/16" and 15/16"

A Adjustable
AP Adjustable Power

PROJECT		FIXTURE TYPE		DATE	

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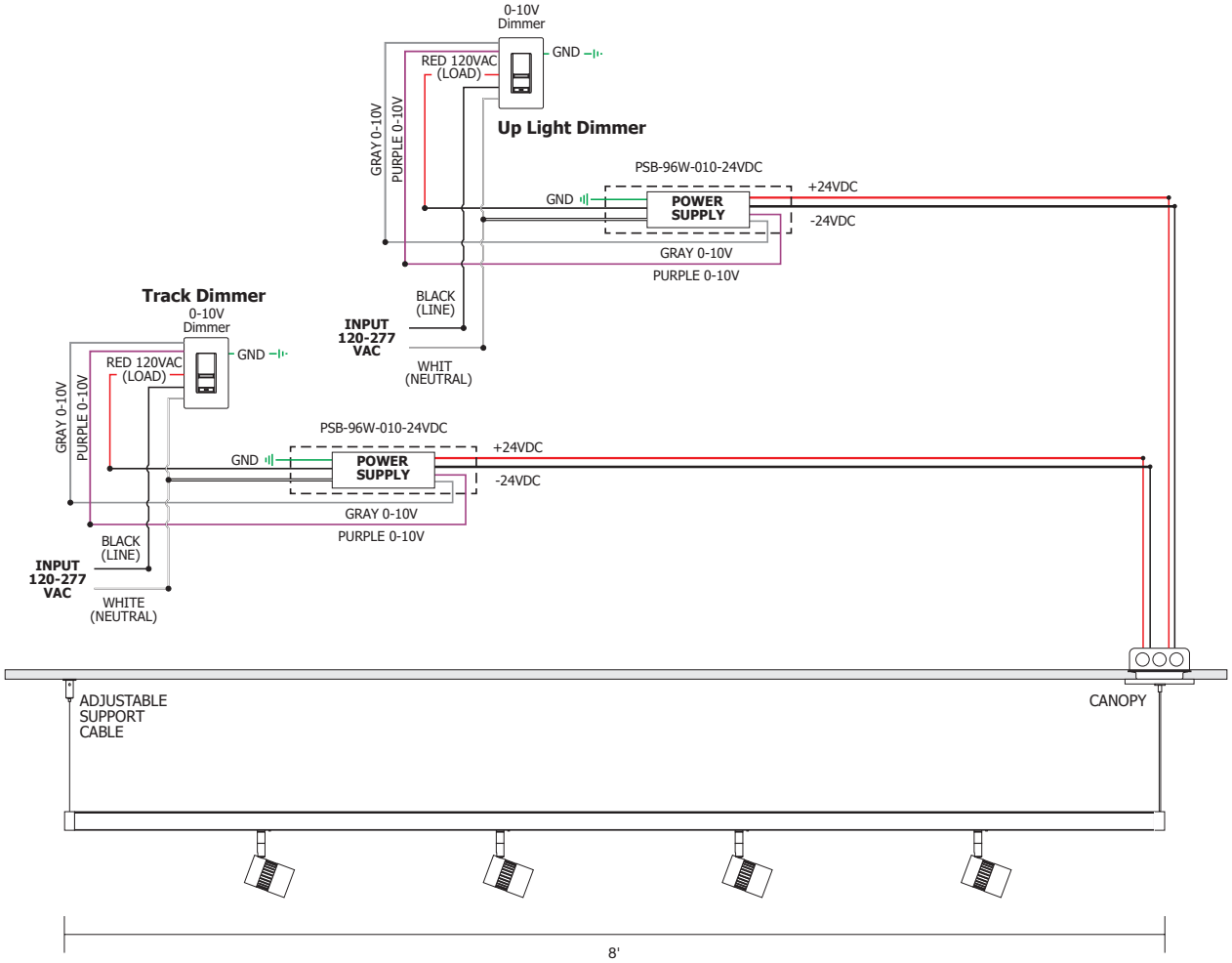
DRAWINGS Drawings are shown with 4" round canopy



PROJECT		FIXTURE TYPE		DATE	

T24 TRACK HEADS

24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

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PureEdge T24 Track Heads are Compatible with TruTrack Recessed Track (TR24-1C, TR24-2C) Pipeline Systems including Modular Suspension, Pipeline Track Suspension with Up Light and Pipeline Stem Mount Wall/Display (P1SDM, PT, PSTU2CR, PSTU2CR) and Surface Mount track (TS24-1C)

TUBO 24VDC TRACK HEAD

ALL UNIFORM BEAM SPREAD OPTIONS CAN BE CHANGED IN THE FIELD. ADDITIONAL REFLECTORS AND ACCESSORIES AVAILABLE.

TUBO LARGE

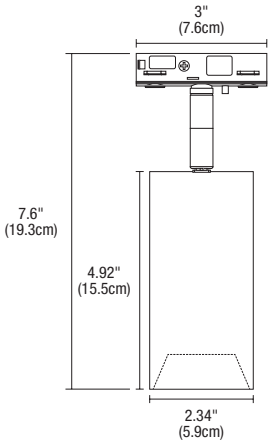
TUBO LARGE DOWNLIGHT

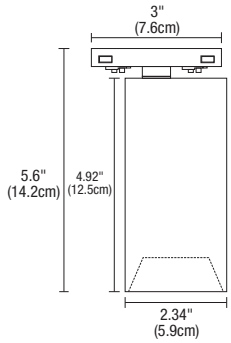
TUBO SMALL

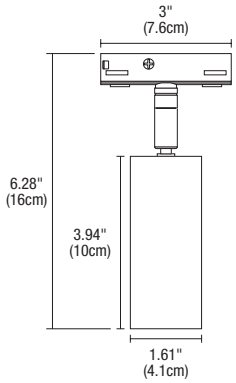
TUBO SMALL DOWNLIGHT

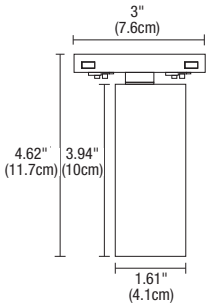
System	Fixture	Beam Spread Lens	Color Temperature	Finish
T24	**TUBL**	**FL**	**30K**	**WH**
T24 24V Track System	**TUBL** Tubo Large **TUBLD** Tubo Large Downlight	**SP** Spot 15° **NF** Narrow Flood 25° **FL** Flood 40° **WF** Wide Flood 60°	**24K** 2400K Very Warm White **27K** 2700K Incandescent White **30D** 3000D Warm Dim **30K** 3000K Warm White **35K** 3500K Neutral White	**BK** Black Powder Coat **WH** White Powder Coat

System	Fixture	Beam Spread Lens	Color Temperature	Finish
T24	**TUBS**	**SP**	**30K**	**WH**
T24 24V Track System	**TUBS** Tubo Small **TUBSD** Tubo Small Downlight	**SP** Spot 20° **NF** Narrow Flood 25° **FL** Flood 40° **WF** Wide Flood 60°	**24K** 2400K Very Warm White **27K** 2700K Incandescent White **30D** 3000D Warm Dim **30K** 3000K Warm White **35K** 3500K Neutral White	**BK** Black Powder Coat **WH** White Powder Coat









BEAM ANGLE REFERENCE 40°										
COLOR TEMPERATURE	24K	27K	30K	30D	35K	**COLOR TEMPERATURE**	24K	27K	30K	30D	35K
TOTAL LUMENS	1324.5	1180.9	1317	1037	1356.8	**TOTAL LUMENS**	523	427	494	428	485
WATTS	14.37	14.36	14	14.45	14.43	**WATTS**	8.33	8.34	8.6	6.52	8.79
LUMENS PER WATT (lm/w)	92	82.2	90.8	71.8	94	**LUMENS PER WATT (lm/w)**	63	51.2	55.5	65.7	55.2
CRI	82.4	97.3	92	98.2	97.5	**CRI**	92.7	96.5	92.8	96.4	98
TM-30 DATA	R9: 60 Rf: 91 Rg: 99.6	R9: 97 Rf: 93.3 Rg: 98.8	R9: 57 Rf: 91 Rg: 98	R9: 90 Rf: 94.5 Rg: 100.3	R9: 92 Rf: 93.9 Rg: 100.9	**TM-30 DATA**	R9: 61 Rf: 91.3 Rg: 98.9	R9: 95 Rf: 93.2 Rg: 99.3	R9: 65 Rf: 90.7 Rg: 99.9	R9: 83 Rf: 93.1 Rg: 100.5	R9: 99 Rf: 93.3 Rg: 99.5

LAMP LIFE	60,000 Hours, 70% Lumen Maintenance
FINISHES	Black Powder Coat **(BK)** & White Powder Coat **(WH)**
MATERIAL	Extruded Aluminum
INPUT VOLTAGE	24VDC
FREQUENCY	50/60HZ
POWER FACTOR	> 0.90
APPLICATION	Suitable for damp or dry locations. Indoor use only.
DIMMING & FLICKER	0-10V dimming Flicker less than 2%
COMPLIANCE LABEL	ETL to UL 2108 Standard
LED LAMP LIFE	60,000 Hours

For more detailed information, please view individual product specifications at www.PureEdgeLighting.com

PROJECT		FIXTURE TYPE		DATE	

T24 TRACK HEADS

24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

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RADIANT 24VDC TRACK HEAD

ALL UNIFORM BEAM SPREAD OPTIONS CAN BE CHANGED IN THE FIELD. ADDITIONAL REFLECTORS AND ACCESSORIES AVAILABLE.

RADIANT LARGE

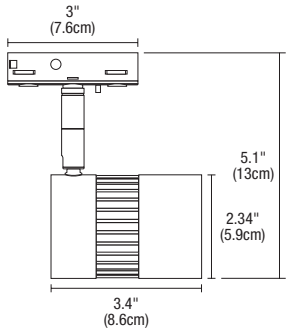
System	Fixture	Beam Spread Lens	Color Temperature	Finish
T24	**RADL**	**NF**	**30K**	**WH**

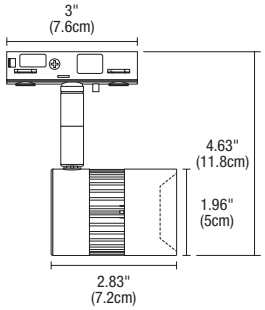
- **T24** 24V Track System
- **RADL** Radiant Large
- **SP** Spot 15°
- **NF** Narrow Flood 25°
- **FL** Flood 40°
- **WF** Wide Flood 60°
- **24K** 2400K Very Warm White
- **27K** 2700K Incandescent White
- **30D** 3000D Warm Dim
- **30K** 3000K Warm White
- **35K** 3500K Neutral White
- **BK** Black Powder Coat
- **WH** White Powder Coat

RADIANT MEDIUM

System	Fixture	Beam Spread Lens	Color Temperature	Finish
T24	**RADM**	**FL**	**30K**	**WH**

- **T24** 24V Track System
- **RADM** Radiant Medium
- **SP** Spot 20°
- **FL** Flood 40°
- **WF** Wide Flood 60°
- **24K** 2400K Very Warm White
- **27K** 2700K Incandescent White
- **30D** 3000D Warm Dim
- **30K** 3000K Warm White
- **35K** 3500K Neutral White
- **BK** Black Powder Coat
- **WH** White Powder Coat





BEAM ANGLE REFERENCE 40°

COLOR TEMPERATURE	24K	27K	30K	30D	35K	COLOR TEMPERATURE	24K	27K	30K	30D	35K
TOTAL LUMENS	1209	1106	1128	787	1235	TOTAL LUMENS	867	808	675	628	900
WATTS	14.3	14.2	15	16.3	14.36	WATTS	10.6	10.6	9	11	10.75
LUMENS PER WATT (lm/w)	84.5	77.7	75	48	86	LUMENS PER WATT (lm/w)	81	75	75	57	83
CRI	92	97	82	97.6	97	CRI	92.6	96.9	92	98	97.1
TM-30 DATA	R9: 60 Rf: 91 Rg: 99	R9: 98 Rf: 93 Rg: 98.8	R9: 9 Rf: 82 Rg: 96.9	R9: 88.4 Rf: 945 Rg: 102.5	R9: 91 Rf: 93.9 Rg: 101	TM-30 DATA	R9: 60 Rf: 91.3 Rg: 99.1	R9: 97 Rf: 93.1 Rg: 99	R9: 92 Rf: 90.8 Rg: 99	R9: 88.7 Rf: 90.8 Rg: 100	R9: 90 Rf: 93.6 Rg: 100.9

LAMP LIFE	60,000 Hours, 70% Lumen Maintenance
MATERIAL	Billet Aluminum
INPUT VOLTAGE	24VDC
FREQUENCY	50/60HZ
POWER FACTOR	> 0.90
APPLICATION	Suitable for damp or dry locations. Indoor use only.
DIMMING & FLICKER	0-10V dimming Flicker less than 2%
COMPLIANCE LABEL	ETL to UL 2108 Standard
LED LAMP LIFE	60,000 Hours

For more detailed information, please view individual product specifications at www.PureEdgeLighting.com

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T24 TRACK HEADS

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ADDITIONAL REFLECTORS FOR TRACK HEADS				
	RADIANT LARGE	RADIANT MEDIUM	TUBO LARGE	TUBO SMALL
PRODUCT				
ORDERING CODE	REF-1.75-(SP, NF, FL, WF)	REF-1.375-(SP, FL, WF)	REF-1.75-(SP, NF, FL, WF)	REF-1.375-(SP, FL, WF)
REFLECTOR SIZE	1.75" Diameter	1.375" Diameter	1.75" Diameter	1.375" Diameter
BEAM SPREADS	SP (15°), NF (25°), FL (40°), WF (60°)	SP (20°), FL (40°), WF (60°)	SP (15°), NF (25°), FL (40°), WF (60°)	SP (20°), FL (40°), WF (60°)

FILM LENS SOFT MEDIUM, WIDE FOCUS				
INCLUDED WITH EACH TRACK HEAD, DIFFUSES A BEAM PATTERN TO PROVIDE EVEN ILLUMINATION				
	RADIANT LARGE	RADIANT MEDIUM	TUBO LARGE	TUBO SMALL
PRODUCT				
ORDERING CODE	LF-RADL-SF, MF, WF	LF-RADM-SF, MF, WF	LF-TUBL-SF, MF, WF	LF-TUBS-SF, MF, WF

LINEAR SPREAD FILM LENS				
LINEAR SPREAD LENS DIRECTS THE 10, 15, 25 DEGREE BEAM INTO AN ELONGATED SHAPE. THIS IS TYPICALLY USED IN LONG RECTANGLE PAINTINGS AND ART WORK, 35, 40, 60 DEGREE ELONGATED OVAL SHAPE USED IN ART WORK AND WALL WASH				
	RADIANT LARGE	RADIANT MEDIUM	TUBO LARGE	TUBO SMALL
PRODUCT				
ORDERING CODE	LF-RADL-LS	LF-RADM-LS	LF-TUBL-LS	LF-TUBS-LS

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T24 TRACK HEADS

24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

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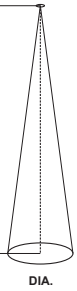
TUBO LARGE Photometric Data

D - Distance from TUBO LARGE fixture
FC - Initial foot candles at the center of beam
DIA - Diameter

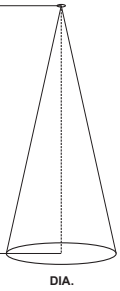
SPOT BEAM ANGLE 15º

D'	FC	DIA.
1'	2000+	3
2'	730	6
3'	343	9
4'	196	13
5'	127	16
6'	89	19
7'	66	22
8'	51	25



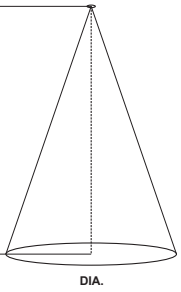
NARROW FLOOD BEAM ANGLE 25º

D'	FC	DIA.
1'	2000+	5
2'	570	11
3'	258	16
4'	146	21
5'	93	27
6'	65	32
7'	45	37
8'	36	43



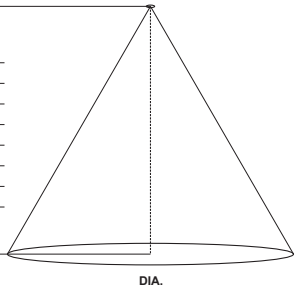
FLOOD BEAM ANGLE 40º

D'	FC	DIA.
1'	1440	8
2'	382	17
3'	172	25
4'	97	33
5'	63	41
6'	44	50
7'	32	58
8'	23	66



WIDE FLOOD BEAM ANGLE 60º

D'	FC	DIA.
1'	913	14
2'	249	28
3'	113	42
4'	65	55
5'	41	69
6'	30	83
7'	21	97
8'	19	111

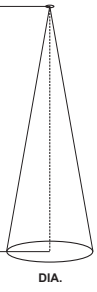


TUBO SMALL Photometric Data

D - Distance from TUBO SMALL fixture (FT)
FC - Initial foot candles at the center of beam
DI**A** - Diameter (IN)

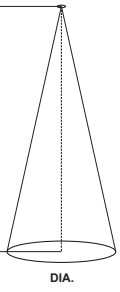
SPOT BEAM ANGLE 20º

D'	FC	DIA.
1'	3888	4
2'	972	9
3'	432	13
4'	243	17
5'	156	21
6'	108	25
7'	79	30
8'	61	34



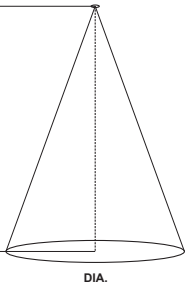
NARROW FLOOD BEAM ANGLE 25º

D'	FC	DIA.
1'	2080	5
2'	520	11
3'	231	16
4'	130	21
5'	83	27
6'	58	32
7'	42	37
8'	33	43



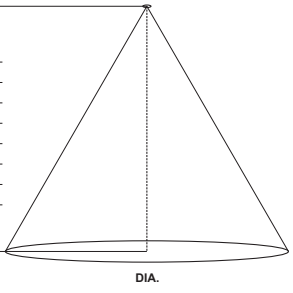
FLOOD BEAM ANGLE 40º

D'	FC	DIA.
1'	912	9
2'	228	18
3'	101	26
4'	57	35
5'	36	44
6'	25	52
7'	19	61
8'	14	70



WIDE FLOOD BEAM ANGLE 60º

D'	FC	DIA.
1'	272	14
2'	68	28
3'	30	42
4'	17	55
5'	11	69
6'	8	83
7'	6	97
8'	4	111



PROJECT		FIXTURE TYPE		DATE	

T24 TRACK HEADS

24VDC WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

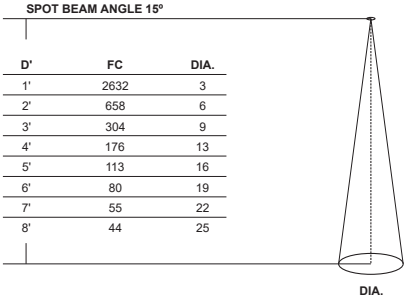
REV 02.05.21

RADIANT LARGE Photometric Data

D - Distance from RADIANT LARGE fixture
FC - Initial foot candles at the center of beam
DIA - Diameter

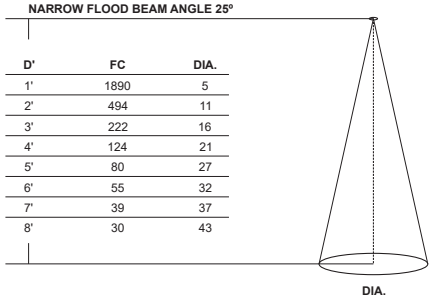
SPOT BEAM ANGLE 15º

D'	FC	DIA.
1'	2632	3
2'	658	6
3'	304	9
4'	176	13
5'	113	16
6'	80	19
7'	55	22
8'	44	25



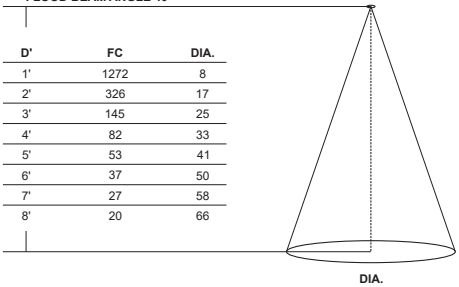
NARROW FLOOD BEAM ANGLE 25º

D'	FC	DIA.
1'	1890	5
2'	494	11
3'	222	16
4'	124	21
5'	80	27
6'	55	32
7'	39	37
8'	30	43



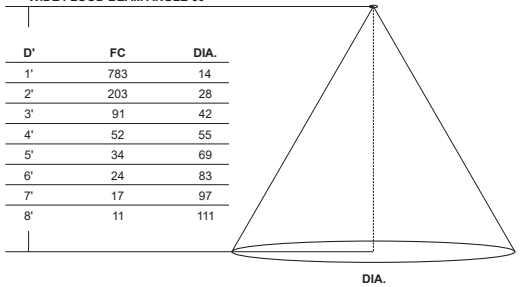
FLOOD BEAM ANGLE 40º

D'	FC	DIA.
1'	1272	8
2'	326	17
3'	145	25
4'	82	33
5'	53	41
6'	37	50
7'	27	58
8'	20	66



WIDE FLOOD BEAM ANGLE 60º

D'	FC	DIA.
1'	783	14
2'	203	28
3'	91	42
4'	52	55
5'	34	69
6'	24	83
7'	17	97
8'	11	111

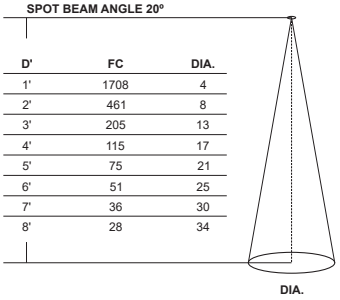


RADIANT MEDIUM Photometric Data

D - Distance from RADIANT MEDIUM fixture
FC - Initial foot candles at the center of beam
DI**A** - Diameter

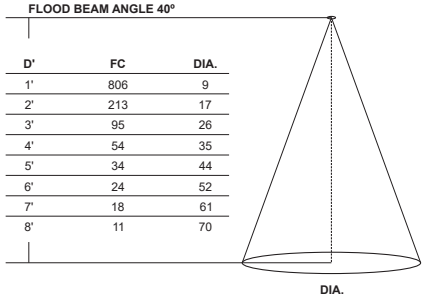
SPOT BEAM ANGLE 20º

D'	FC	DIA.
1'	1708	4
2'	461	8
3'	205	13
4'	115	17
5'	75	21
6'	51	25
7'	36	30
8'	28	34



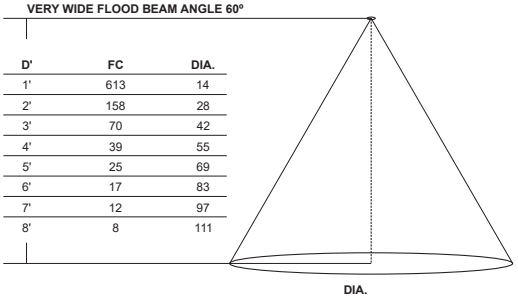
FLOOD BEAM ANGLE 40º

D'	FC	DIA.
1'	806	9
2'	213	17
3'	95	26
4'	54	35
5'	34	44
6'	24	52
7'	18	61
8'	11	70



VERY WIDE FLOOD BEAM ANGLE 60º

D'	FC	DIA.
1'	613	14
2'	158	28
3'	70	42
4'	39	55
5'	25	69
6'	17	83
7'	12	97
8'	8	111



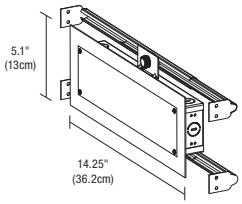
PROJECT		FIXTURE TYPE		DATE	

INDOOR CONSTANT VOLTAGE 0-10V REMOTE POWER SUPPLIES

24VDC 0-10V REMOTE POWER SUPPLY, STATIC & DYNAMIC TUNABLE WHITE DUAL CONTROL

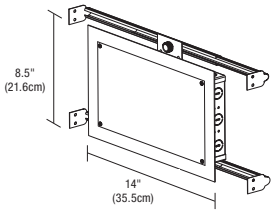
REV 02.05.21

	0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†			
ORDERING CODE	**PSB-25W-010-24VDC** 	**PSB-60W-010-24VDC** 	**PSB-96W-010-24VDC** 	**PSB-200W-010-24VDC** 
	SPECIFICATIONS			
MAXIMUM LOAD	25W	60W	96W	200W
INPUT VOLTAGE	120VAC	120-277VAC	120-277VAC	12-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.15" X 6.5" X 2.18"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	2108
IN-WALL MOUNTING	PSB-25W-010-24VDC-IW	PSB-60W-010-24VDC-IW	PSB-96W-010-24VDC-IW	PSB-200W-010-24VDC-IW
	0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†			
ORDERING CODE	**PSB-2X96W-010-24VDC** 	**PSB-2X200W-010-24VDC** 	**PSB-3X96W-010-24VDC** 	**PSB-4X96W-010-24VDC** 
	SPECIFICATIONS			
MAXIMUM LOAD	2X96W	2X200W	3X96W	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"	14" X 10" X 2.8"	14" X 10" X 3"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	2108	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-2X96W-010-24VDC-IW	PSB-200W-010-24VDC-IW	N/A	N/A
	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	•	•	•	•



5.1 x 14.25 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-25W-010-24VDC-IW, PSB-60W-010-24VDC-IW
PSB-96W-010-24VDC-IW



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.

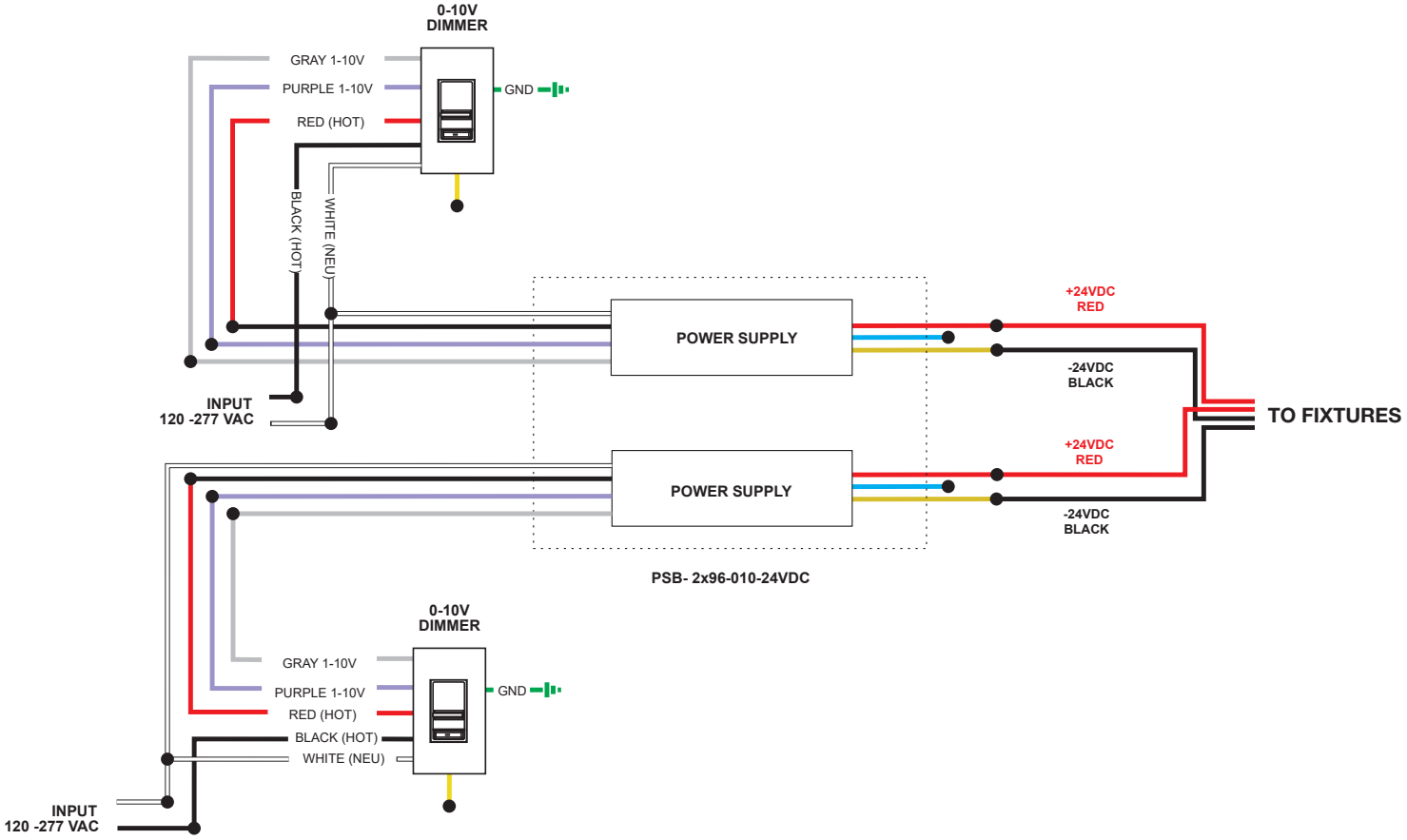
Ordering Codes: PSB-2X96W-010-24VDC-IW, PSB-200W-010-24VDC-W

PROJECT		FIXTURE TYPE		DATE	

SAMPLE WIRING DIAGRAMS 24VDC 010

Application: Dual 0-10V dimming for Pipeline Track with Uplight

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



PROJECT		FIXTURE TYPE		DATE	

SUSPENSION TM30 DATA

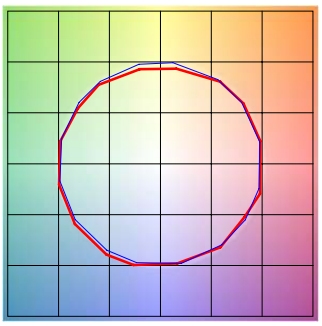
24VDC REMOTE POWER, END FEED

REV 02.05.21

TM-30-15 DATA: The data below is for Tubo Small and Tubo Small Downlight. Consistent color temperatures among multiple track heads is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2700K | Rf: 93.2 | Rg: 99.3

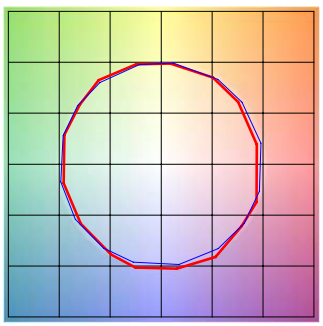
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	95.6	0.6%	0.8%
2	95.1	1.0%	-2.0%
3	93.4	-0.4%	-3.0%
4	89.7	-5.0%	-4.3%
5	93.3	-5.1%	0.1%
6	94.2	-2.0%	3.1%
7	90.6	-2.3%	5.1%
8	93.7	1.0%	3.5%
9	92.5	1.6%	3.6%
10	93.1	2.6%	3.3%
11	93.9	3.6%	2.1%
12	92.9	2.8%	-2.6%
13	94.3	-0.7%	-3.9%
14	94.6	1.2%	-2.5%
15	92.7	-2.1%	2.2%
16	92.3	1.8%	-4.8%

3000K | Rf: 90.7 | Rg: 99.9

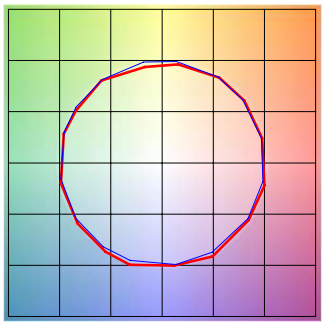
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.9	-4.2%	-0.5%
2	92.1	-3.2%	2.2%
3	88.6	-1.2%	5.0%
4	92.2	-1.1%	2.7%
5	93.7	1.0%	3.1%
6	94.8	2.6%	-0.1%
7	93.1	-1.2%	-2.2%
8	97.0	-1.0%	-1.2%
9	93.7	-2.5%	2.0%
10	87.9	-2.1%	6.6%
11	85.4	0.9%	9.7%
12	88.1	4.9%	3.3%
13	92.6	3.5%	-2.7%
14	87.9	5.4%	-6.7%
15	92.6	-0.5%	-3.8%
16	84.6	-0.8%	-11.0%

3500K | Rf: 93.9 | Rg: 100.9

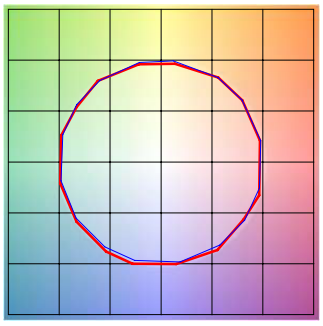
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	95.7	0.6%	0.3%
2	96.7	0.8%	-1.2%
3	96.0	0.2%	-1.0%
4	94.3	-2.5%	-1.9%
5	93.2	-4.8%	-0.2%
6	97.1	-0.3%	1.4%
7	93.8	-1.7%	3.2%
8	97.3	0.2%	1.3%
9	93.3	0.8%	4.2%
10	91.4	1.4%	5.2%
11	90.6	2.8%	4.5%
12	92.6	4.4%	3.0%
13	96.3	0.7%	-1.9%
14	93.9	3.6%	-1.8%
15	92.4	1.2%	-0.9%
16	91.5	2.3%	-3.3%

3000D | Rf: 94.8 | Rg: 100.9

COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	96.4	-0.7%	0.4%
2	97.7	0.1%	-0.3%
3	96.3	0.2%	-0.0%
4	94.6	-2.6%	-1.9%
5	96.2	-1.8%	0.8%
6	96.9	0.7%	1.5%
7	93.8	-1.1%	2.4%
8	97.0	1.3%	1.0%
9	95.3	1.0%	2.4%
10	94.0	1.6%	3.2%
11	93.3	3.0%	3.5%
12	92.2	3.8%	-1.3%
13	90.6	2.5%	-4.2%
14	86.7	3.3%	-4.5%
15	90.9	-2.4%	-0.2%
16	84.1	-3.5%	-6.9%

PROJECT		FIXTURE TYPE		DATE	

SUSPENSION TM30 DATA

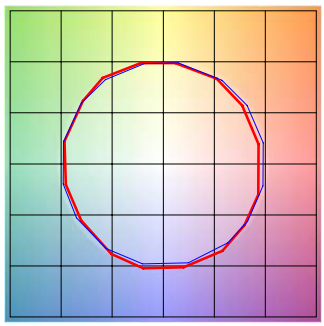
24VDC REMOTE POWER, END FEED

REV 02.05.21

TM-30-15 DATA: The data below is for Tubo Large and Tubo Large Downlight. Consistent color temperatures among multiple track heads is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2400K | Rf: 91 | Rg: 99.6

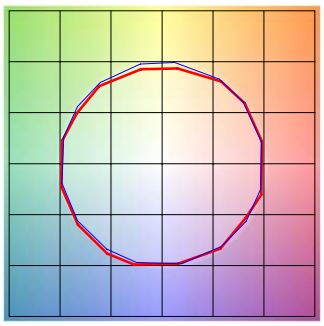
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.1	-4.6%	-0.3%
2	90.6	-4.0%	2.7%
3	88.6	-1.6%	5.1%
4	93.1	-0.9%	2.7.%
5	94.6	1.1%	3.3%
6	94.6	2.9%	1.0%
7	94.1	-0.2%	-2.7%
8	97.1	-0.9%	-1.2%
9	94.5	-2.4%	1.0%
10	90.3	-2.5%	4.5%
11	88.6	1.5%	7.1%
12	89.2	4.1%	1.5%
13	90.6	3.4%	-5.3%
14	84.5	3.5%	-8.9%
15	92.3	-0.5%	-4.7%
16	85.4	-2.9%	-9.4%

2700K | Rf: 93.3 | Rg: 98.8

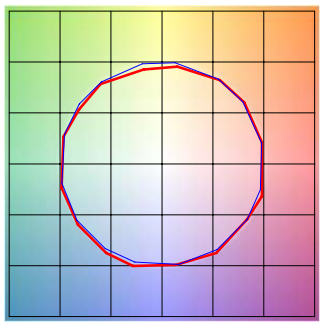
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	95.9	0.3%	0.7%
2	95.5	0.6%	-2.0%
3	93.7	-0.8%	-2.8%
4	89.8	-5.2%	-4.0%
5	93.1	-5.2%	0.2%
6	93.9	-2.4%	2.9%
7	89.0	-3.1%	5.5%
8	93.6	0.5%	3.7%
9	92.9	1.2%	3.8%
10	92.7	2.0%	3.9%
11	93.7	3.2%	2.9%
12	93.7	2.7%	1.8%
13	94.9	-0.7%	-3.4%
14	94.7	1.3%	-2.4%
15	92.9	-2.1%	2.0%
16	92.2	1.7%	-5.0%

3000K | Rf: 91 | Rg: 98

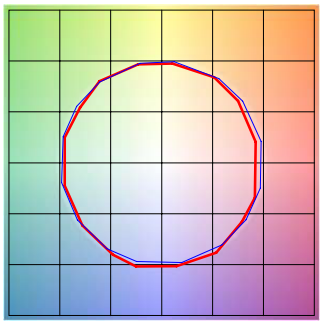
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	96.4	-0.2%	0.4%
2	97.7	0.3%	-0.5%
3	96.5	0.2%	-0.0%
4	95.5	-2.0%	-1.3%
5	93.8	-3.7%	0.6%
6	96.9	0.6%	1.4%
7	93.3	-1.4%	2.6%
8	97.6	0.7%	0.9%
9	94.4	0.7%	3.4%
10	92.1	1.1%	4.2%
11	91.6	2.7%	4.5%
12	92.0	4.7%	-0.4%
13	95.2	1.2%	-2.7%
14	93.1	3.4%	-3.2%
15	92.5	0.3%	-1.3%
16	90.1	2.4%	-6.9%

3000D | Rf: 94.5 | Rg: 100.3

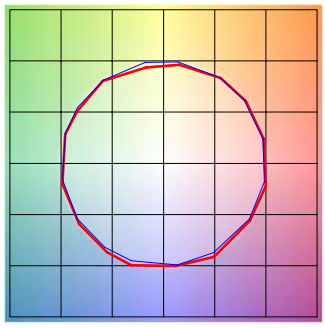
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	88.7	-5.3%	0.5%
2	90.7	-3.6%	2.8%
3	89.4	-1.7%	4.6%
4	93.3	-2.1%	1.4%
5	94.6	-0.8%	2.2%
6	96.2	0.6%	-0.2%
7	92.5	-3.4%	-0.9%
8	96.4	-1.7%	0.5%
9	92.0	-2.4%	3.7%
10	87.3	-1.1%	7.1%
11	87.6	1.7%	8.2%
12	89.2	4.8%	0.4%
13	90.6	2.5%	-5.7%
14	86.7	3.3%	-9.0%
15	90.9	-2.4%	-3.9%
16	84.1	-3.5%	-10.3%

3500K | Rf: 93.9 | Rg: 100.9

COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	95.7	0.6%	0.3%
2	96.7	0.8%	-1.2%
3	96.0	0.2%	-1.0%
4	94.3	-2.5%	-1.9%
5	93.2	-4.8%	-0.2%
6	97.1	-0.3%	1.4%
7	93.8	-1.7%	3.2%
8	97.3	0.2%	1.3%
9	93.3	0.8%	4.2%
10	91.4	1.4%	5.2%
11	90.6	2.8%	4.5%
12	92.6	4.4%	3.0%
13	96.3	0.7%	-1.9%
14	93.9	3.6%	-1.8%
15	92.4	1.2%	-0.9%
16	91.5	2.3%	-3.3%

PROJECT		FIXTURE TYPE		DATE	

SUSPENSION TM30 DATA

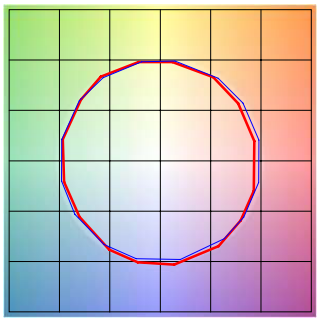
24VDC REMOTE POWER, END FEED

REV 02.05.21

TM-30-15 DATA: The data below is for Radiant Large. Consistent color temperatures among multiple track heads is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2400K | Rf: 91.2 | Rg: 99

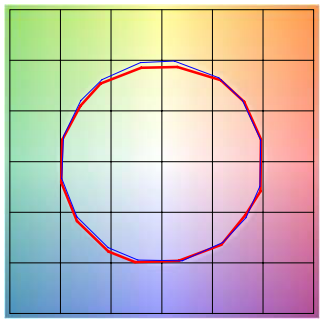
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.0	-4.7%	-0.1%
2	90.7	-4.1%	2.5%
3	89.2	-1.9%	4.6%
4	93.5	-1.5%	2.2%
5	94.8	0.3%	3.2%
6	95.3	2.1%	1.2%
7	94.8	-0.8%	-2.1%
8	97.4	-1.1%	-0.6%
9	94.2	-2.4%	1.5%
10	90.0	-2.4%	4.8%
11	88.6	1.6%	7.1%
12	89.5	3.1%	2.2%
13	90.3	3.8%	-6.9%
14	84.8	3.1%	-8.8%
15	92.4	-0.8%	-4.4%
16	85.6	-3.0%	-9.1%

2700D | Rf: 93.4 | Rg: 98.8

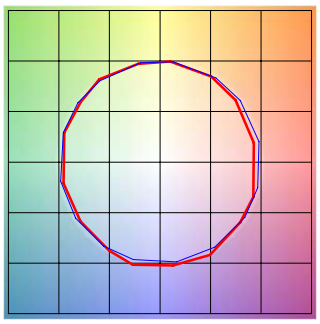
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	95.9	0.3%	0.7%
2	95.5	0.6%	-2.0%
3	93.5	-0.8%	-2.8%
4	89.9	-5.2%	-4.0%
5	93.1	-5.2%	0.3%
6	93.8	-2.3%	3.1%
7	90.6	-2.6%	5.0%
8	93.5	0.7%	3.7%
9	92.9	1.2%	3.6%
10	93.4	2.1%	3.5%
11	94.2	3.1%	2.4%
12	93.5	2.6%	-2.2%
13	94.5	-0.8%	-3.7%
14	94.7	1.1%	-2.5%
15	92.8	-2.2%	-1.9%
16	92.4	1.4%	-4.8%

3000K | Rf: 82.3 | Rg: 96.9

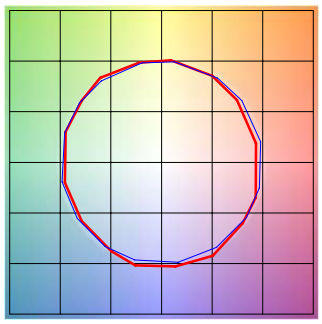
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	89.5	-5.2%	-0.3%
2	91.0	-3.7%	2.7%
3	88.8	-1.6%	4.9%
4	94.2	-0.2%	2.9%
5	94.1	-0.5%	2.4%
6	95.9	1.6%	-0.3%
7	93.5	-1.8%	-2.4%
8	97.3	-1.1%	-0.5%
9	94.0	-2.5%	2.4%
10	88.7	-2.0%	5.4%
11	87.9	0.7%	7.4%
12	90.3	5.0%	0.5%
13	92.0	2.9%	-4.2%
14	87.6	3.8%	-8.1%
15	88.3	-0.8%	-6.7%
16	85.8	-2.5%	-9.7%

3000D | Rf: 90.8 | Rg: 100.1

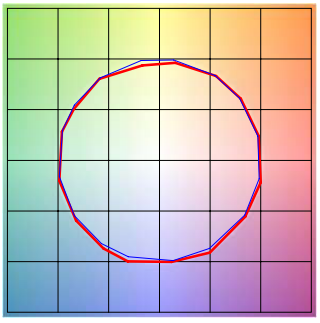
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.0	-4.9%	-0.7%
2	90.7	-3.6%	3.1%
3	87.2	-1.1%	5.9%
4	92.7	1.0%	3.8%
5	93.8	0.9%	2.7%
6	94.2	3.0%	-0.7%
7	92.7	-0.5%	-3.6%
8	96.6	-0.8%	-1.5%
9	94.4	-2.5%	1.4%
10	89.7	-2.3%	4.6%
11	87.3	0.5%	7.6%
12	89.9	5.2%	1.5%
13	92.0	3.6%	-3.4%
14	87.6	4.7%	-7.7%
15	88.2	-0.0%	-6.9%
16	85.8	-1.8%	-10.0%

3500K | Rf: 93.9 | Rg: 101

COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	95.6	0.8%	0.3%
2	96.5	0.9%	-1.3%
3	95.9	0.2%	-1.1%
4	94.3	-2.5%	-2.0%
5	93.1	-4.8%	-0.2%
6	97.1	-0.3%	1.4%
7	93.7	-1.6%	3.3%
8	97.3	0.3%	1.3%
9	93.4	0.8%	4.1%
10	91.5	1.4%	5.1%
11	90.7	2.8%	4.5%
12	92.6	4.4%	0.5%
13	96.4	0.7%	-1.8%
14	94.0	3.7%	-1.7%
15	92.4	1.3%	-0.8%
16	91.4	2.4%	-3.3%

PROJECT		FIXTURE TYPE		DATE	

SUSPENSION TM30 DATA

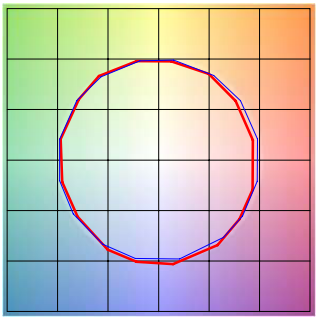
24VDC REMOTE POWER, END FEED

REV 02.05.21

TM-30-15 DATA: The data below is for Radiant Medium. Consistent color temperatures among multiple track heads is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2400K | Rf: 91.3 | Rg: 99.1

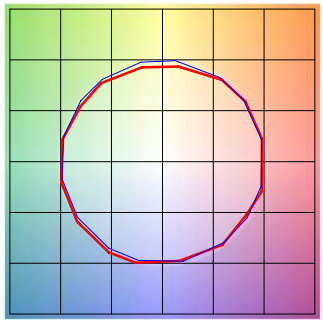
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.1	-4.6%	0.0%
2	91.2	-4.0%	2.4%
3	88.7	-1.6%	4.7%
4	93.6	-1.7%	2.0%
5	94.8	0.2%	3.1%
6	95.3	2.0%	1.3%
7	94.9	-0.9%	-1.9%
8	97.5	-1.0%	-0.4%
9	94.2	-2.2%	1.7%
10	90.1	-2.2%	4.8%
11	88.8	1.9%	6.9%
12	89.7	3.2%	1.8%
13	90.0	3.8%	-7.3%
14	84.7	3.0%	-8.9%
15	92.5	-1.0%	-4.2%
16	85.7	-3.1%	-9.0%

2700K | Rf: 99.1 | Rg: 98.9

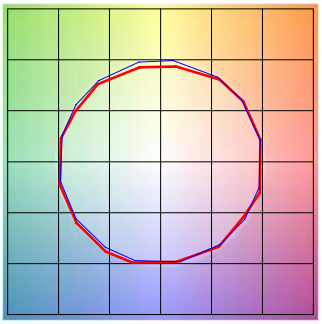
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	95.7	0.4%	0.8%
2	95.3	0.7%	-2.0%
3	93.3	-0.7%	-3.0%
4	89.5	-5.3%	-4.2%
5	93.0	-5.4%	0.2%
6	93.6	-2.4%	3.2%
7	90.2	-2.6%	5.2%
8	93.3	0.8%	3.8%
9	92.5	1.4%	3.7%
10	93.2	2.4%	3.5%
11	94.0	3.3%	2.2%
12	93.1	2.7%	-2.5%
13	94.3	-0.9%	-3.9%
14	94.7	1.0%	-2.5%
15	92.6	-2.3%	-2.1%
16	92.4	1.5%	-4.7%

3000K | Rf: 90.8 | Rg: 99

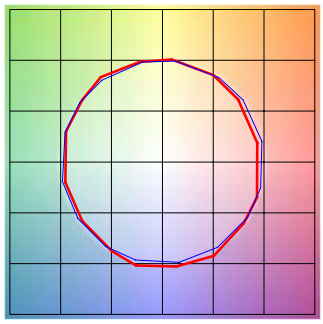
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	95.9	0.3%	0.7%
2	95.5	0.6%	-2.0%
3	93.7	-0.8%	-2.8%
4	89.8	-5.2%	-4.0%
5	93.1	-5.2%	0.2%
6	93.9	-2.4%	2.9%
7	89.0	-3.1%	5.5%
8	93.6	0.5%	3.7%
9	92.9	1.2%	3.8%
10	92.7	2.0%	3.9%
11	93.7	3.2%	2.9%
12	93.7	2.7%	1.8%
13	94.9	-0.7%	-3.4%
14	94.7	1.3%	-2.4%
15	92.9	-2.1%	2.0%
16	92.2	1.7%	-5.0%

3000D | Rf: 90.8 | Rg: 100.1

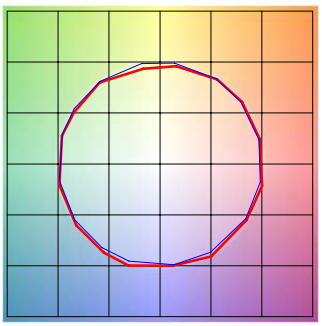
COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.0	-4.9%	-0.7%
2	90.7	-3.6%	3.1%
3	87.2	-1.1%	5.9%
4	92.7	1.0%	3.8%
5	93.8	0.9%	2.7%
6	94.2	3.0%	-0.7%
7	92.7	-0.5%	-3.6%
8	96.6	-0.8%	-1.5%
9	94.4	2.5%	1.4%
10	89.7	-2.3%	4.6%
11	87.3	0.5%	7.6%
12	89.9	5.2%	-1.5%
13	92.0	3.6%	-3.4%
14	87.6	4.7%	-7.7%
15	88.2	-0.0%	-6.9%
16	85.8	-1.8%	-10.0%

3500K | Rf: 93.6 | Rg: 100

COLOR VECTOR GRAPHIC



		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	95.3	0.9%	0.4%
2	96.1	1.0%	-1.4%
3	95.5	0.2%	-1.4%
4	93.6	-2.7%	-2.4%
5	92.7	-5.3%	-0.4%
6	97.0	-0.6%	1.5%
7	93.1	-1.9%	3.7%
8	96.9	0.2%	1.6%
9	92.8	1.0%	4.5%
10	91.1	1.7%	5.3%
11	90.7	3.0%	4.3%
12	92.5	4.5%	0.3%
13	96.3	0.5%	-2.0%
14	93.9	3.5%	-1.7%
15	92.2	1.2%	-0.6%
16	91.3	2.4%	-3.1%

PROJECT		FIXTURE TYPE		DATE	

SUSPENSION TM30 DATA

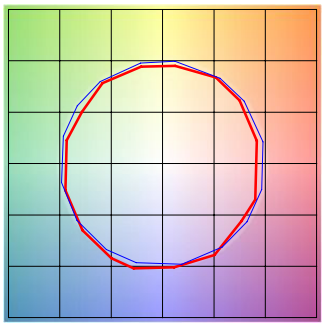
24VDC REMOTE POWER, END FEED

REV 02.05.21

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.

2700K | Rf: 87.7 | Rg: 96.1

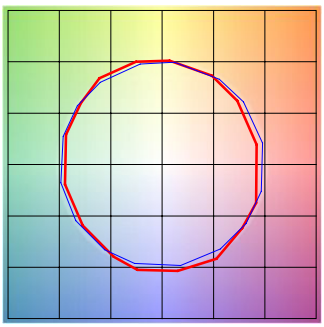
Color Vector Graphic



		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%

3000K | Rf: 88.1 | Rg: 99.7

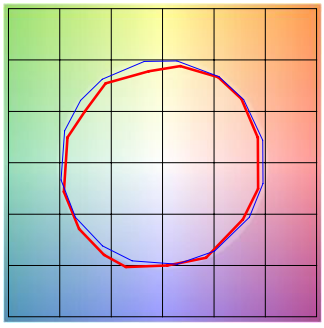
Color Vector Graphic



		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%

3500K | Rf: 86.1 | Rg: 95.5

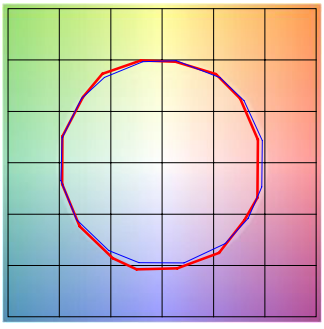
Color Vector Graphic



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

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%

PROJECT		FIXTURE TYPE		DATE	