

CIRRUS SUSPENSION R1

TUNABLE WHITE DOWNLIGHT, CENTER FEED



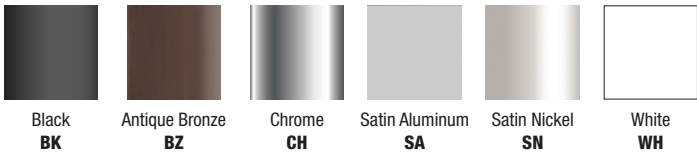
DESCRIPTION

Cirrus R1 Suspension Downlight Center feed with Tunable White is a linear LED suspension that creates a clean beam of light through a Diffused White Rectangular Lens with a 140° beam spread. Tunable White technology grants independent control for adjusting color temperature and brightness. The **2K6K** option provides a range of 2000K (Amber) through 6500K (Neutral White), ideal for residential and hospitality settings. The **27K6** option ranges from 2700K (Warm White) through 6500K (Cool White), suitable for healthcare, education, office and other commercial applications. Use with two dimmers or our proprietary Tunable White Controller for fast and accurate adjustment with three pre-set scenes (ordered separately). The Cirrus R1 Tunable White Suspension is available in increments from 36"-120" and various Metal Finishes. Power supply is included in the Canopy. Includes a 5-year pro-rated warranty. For custom lengths and quotes, email our design team design@PureEdgeLighting.com.

PHYSICAL ATTRIBUTES

- Diffused White R1 Rectangular Lens, 140° Beam Spread
- Includes a 12" Rectangular Canopy used (**12RE**) for sizes 36"-96", and a 26" Rectangular Canopy (**26RE**) for sizes 99"-120"
- Includes adjustable 12' Coaxial Cables (additional Aircraft Cables included for support when fixture exceeds 72")

FINISHES



LENS

Diffused White R1 Rectangular Lens, 140° Beam Spread

DIMMERS & CONTROLS (SOLD SEPARATELY)*

24VDC, Class 2 wiring

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

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

APPLICATIONS

Indoor damp location - ideal applications in residential, commercial, retail and hospitality environments.

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed. Title 24 JA8 compliant with Universal Power Supply, 0-10V or Lutron power supplies, Assembled in America.

WARRANTY

5 Year Pro-Rated.

For quick & easy reference, plus the most up-to-date pricing, use our [Cirrus Suspension R1 Tunable White Configurator](#).

System	Wattage Per Foot	Canopy	Nominal Size (Inches)	Color Temperature	Finish
CSR1P	5W	C	120	2K6K	SN
CSR1P Cirrus Suspension Rectangular 1 Lens, with Power	2W 2.5 Watts 5W 4.6 Watts 7W 7.5 Watts 10W 9.6 Watts	C Center Feed *(12RE) 12" Rectangular Canopy for 36"-96" fixtures, (26RE) 26" Rectangular Canopy for 99"-120" fixtures	36-120" Order in various increments from 36"-120" *84" Maximum Length for Chrome. Refer to length chart on page 3 for exact dimensions	2K6K Tunable White 2000K-6500K 27K6 Tunable White 2700K-6500K	BK Black BZ Antique Bronze CH Chrome SA Satin Aluminum SN Satin Nickel WH White

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

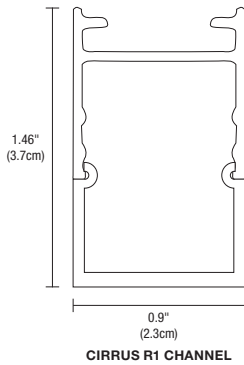
CIRRUS SUSPENSION R1

TUNABLE WHITE DOWNLIGHT, CENTER FEED

NOMINAL LAMP DATA: Lamp data for the Cirrus Suspension R1

	TUNABLE WHITE 2K6K																																				
DESCRIPTION	CSR1P																																				
WATTS PER FOOT	2.5W									4.6W									7.5W									9.6W									
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	20K	22K	24K	27K	30K	35K	40K	57K	65K	
LUMENS PER FOOT (lm/ft)	105	106	108	109	111	114	124	134	143	254	264	275	285	295	316	339	342	345	353	370	386	403	420	453	477	482	486	679	729	729	768	742	729	546	546	679	
LUMENS PER WATT (lm/w)	57	53	54	55	55	57	90	67	80	55	55	57	59	62	66	71	71	75	55	51	54	56	58	63	66	67	76	123	110	110	116	112	110	110	110	123	
CRI	91+	91+	91+	94+	93+	92+	92+	91+	91+	91+	91+	91+	94+	93+	92+	92+	91+	91+	91+	91+	91+	91+	94+	93+	92+	92+	91+	91+	91+	91+	92+	94+	94+	94+	92+	91+	91+

	TUNABLE WHITE 27K6																																		
DESCRIPTION	CSR1P																																		
WATTS PER FOOT	2.5W								4.6W								7.5W								9.6W										
COLOR TEMPERATURE	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	113	135	138	142	155	167	159	283	290	301	312	308	306	305	383	391	406	421	416	413	411	677	696	717	737	709	702	679							
LUMENS PER WATT (lm/w)	57	54	55	57	62	67	80	71	63	65	68	67	66	76	60	54	56	58	58	57	64	74	73	75	77	74	73	74							
CRI	94+	93+	92+	92+	92+	92+	91+	94+	93+	92+	92+	92+	92+	91+	94+	93+	92+	92+	92+	91+	94+	93+	93+	93+	93+	93+	91+	91+							



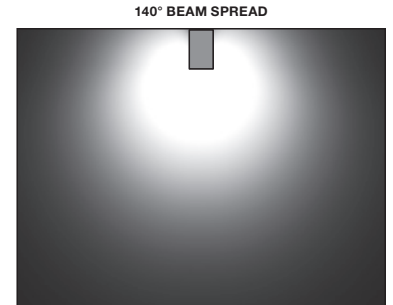
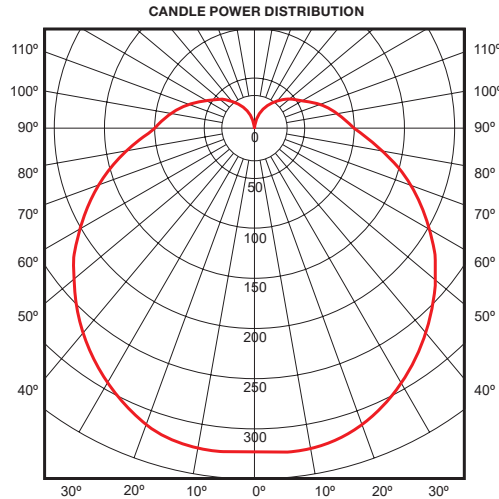
12RE CANOPY IN SATIN NICKEL



DIFFUSED WHITE LENS

2 Watt 140°		5 Watt 140°	
Distance	Foot Candles	Distance	Foot Candles
1'	69	1'	111
1.5'	46	1.5'	75
2'	35	2'	56
3'	23	3'	37
4'	16	4'	27
5'	12	5'	20
6'	10	6'	16
7'	8	7'	13
8'	7	8'	11

7 Watt 140°		10 Watt 140°	
Distance	Foot Candles	Distance	Foot Candles
1'	180	1'	191
1.5'	120	1.5'	127
2'	90	2'	95
3'	60	3'	62
4'	43	4'	45
5'	33	5'	34
6'	26	6'	27
7'	21	7'	21
8'	18	8'	19

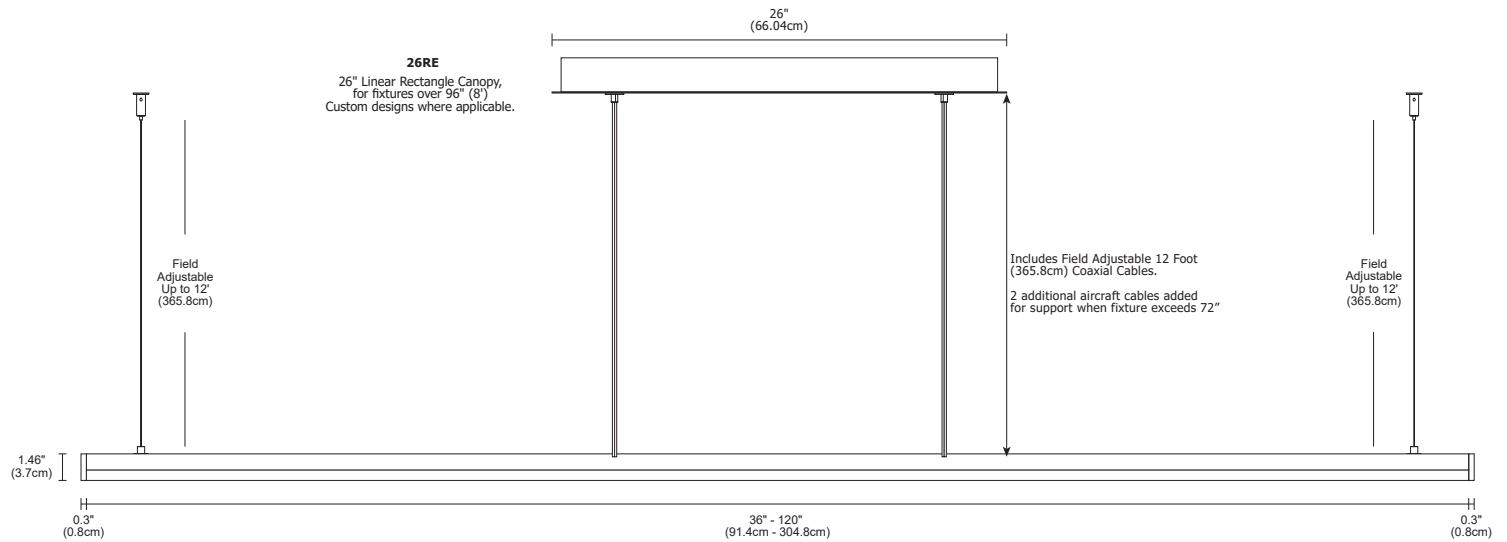


PROJECT	FIXTURE TYPE	DATE
---------	--------------	------

CIRRUS SUSPENSION R1

TUNABLE WHITE DOWNLIGHT, CENTER FEED

DRAWINGS Dimension drawings for Cirrus Suspension R1



LENGTH CHART Actual lengths for Cirrus Suspension R1

TUNABLE WHITE 2K6K AND 27K6			
NOMINAL LENGTH IN INCHES	ACTUAL LENGTH (INCLUDING CHROME) IN INCHES	NOMINAL LENGTH IN INCHES	ACTUAL LENGTH (INCLUDING CHROME) IN INCHES
36	37	80	80.2
39	39.4	82	82.6
41	41.8	84*	85
44	44.2	87	87.4
46	46.6	89	89.8
48	49	92	92.2
51	51.4	94	94.6
53	53.8	96	97
56	56.2	99	99.4
58	58.6	101	101.8
60	61	104	104.2
63	63.4	106	106.6
65	65.8	108	109
68	68.2	111	111.4
70	70.6	113	113.8
72	73	116	116.2
75	75.4	118	118.6
77	77.8	120	121

*Maximum length for Chrome

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

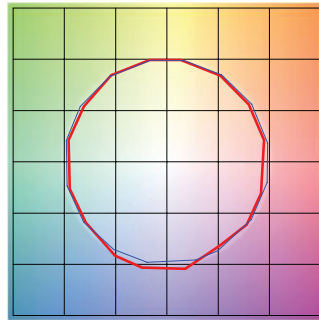
SUSPENSION TM30 DATA

TUNABLE WHITE DOWNLIGHT, CENTER FEED

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

2000K ONLY (2K6K/27K6) | Rf: 90.6 | Rg: 98.5

Color Vector Graphic

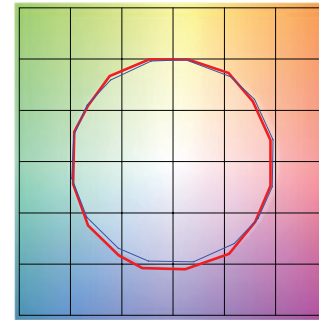


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	87.7	-5.5%	1.2%
2	88.7	-3.9%	4.2%
3	90.5	-1.5%	4.3%
4	95.0	-1.7%	0.8%
5	95.2	-0.2%	2.1%
6	94.2	1.6%	1.9%
7	95.9	-0.8%	-2.2%
8	95.5	-1.7%	1.3%
9	93.8	-1.4	2.6%
10	91.9	-0.7%	4.2%
11	91.3	3.6%	3.7%
12	91.2	4.2%	-1.0%
13	86.6	3.8%	-12.7%
14	67.2	-3.0%	-16.3%
15	84.9	-3.3%	-9.4%
16	84.2	-5.7%	-7.5%

3000K (2K6K/27K6) | Rf: 90.5 | Rg: 100.7

Color Vector Graphic

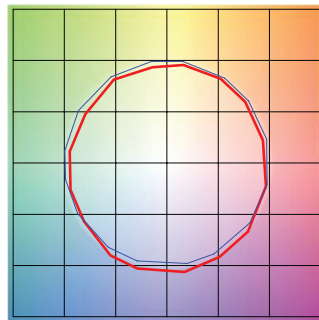


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	91.5	-3.5%	1.2%
2	92.4	-1.8%	2.7%
3	89.8	0.3%	4.5%
4	92.4	-1.7%	0.4%
5	93.3	-0.1%	1.4%
6	94.5	2.1%	-0.6%
7	91.0	-2.5%	0.3%
8	96.9	-0.8%	-0.2%
9	91.6	-0.9%	4.6%
10	86.7	0.7%	7.8%
11	86.3	3.8%	8.5%
12	88.3	6.1%	0.6%
13	90.9	3.1%	-5.2%
14	87.3	4.7%	-7.9%
15	92.1	-1.9%	-2.5%
16	84.5	-0.9%	-10.9%

4000K ONLY (2K6K/27K6) | Rf: 86.4 | Rg: 96.1

Color Vector Graphic



■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	86.5	-5.5%	1.3%
2	90.4	-3.0%	2.3%
3	89.8	-2.1%	3.6%
4	89.1	-3.4%	0.4%
5	88.5	-5.9%	0.1%
6	93.6	-3.0%	-0.4%
7	88.9	-6.2%	1.7%
8	87.3	-5.0%	4.9%
9	82.4	-3.6%	11.3%
10	77.4	-1.8%	12.7%
11	79.8	4.9%	11.4%
12	88.7	4.4%	2.7%
13	88.7	4.0%	-5.1%
14	91.2	2.2%	-3.8%
15	82.7	-0.1%	-9.2%
16	82.8	-2.2%	-7.6%

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