



RADIANT LARGE LED 24VDC T24 TRACK HEAD

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 02.28.20

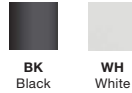


T24-RADL-SP-30K-WH

DESCRIPTION

The Radiant Large is a 16 watt, 24VDC LED Track Head with four changeable optic reflectors, 3000K-1800K (Warm Dim) or Standard 3000K, 97 CRI with R9-88 Integral LED chip. The fixture design is of a flat-back cylinder with a radiant heat sink that swivels 90° vertically and 360° horizontally. The small package of Radiant Large Track Head offers to consumers maximum light output with a low wattage.

FINISH & MATERIAL



- Made from Billet Aluminum
- Tilt: 90°
- Rotation: 360°

MOUNTING OPTIONS

Mounts to any T24 (24VDC track) including TS24 Surface Mount Track, TM24 Mini Surface Track, TR24 Recessed Track, Nova Track (NCTR Surface or NSTR Suspension) or Pipeline Track (P1CTR Surface or P1STR Suspension)

REFLECTORS

Field changeable single optic reflector gives a smooth uniform beam at 15°, 25°, 40° or 60° beam spreads

APPLICATIONS

Suitable for damp or dry locations, interior use only

INTEGRAL LED LAMP

16.32 Watts at 787 Lumens, Warm Dim Color Temperature at 3000K-1800K, 97.6 CRI, R9-88.4, Rf-90.8, Rg-102, Input Voltage 24VAC

15 Watts at 1128 Lumens, Static White Temperature at 3000K, 82.3 CRI, R9-9, Rf-82.3, Rg-96.9, Input Voltage 24VAC

POWER SUPPLY IN CANOPY

- Remote Power Supply: 120V input/24VDC output (Track and Power Supply, sold separately) PSB-96W-010-24VDC Power Supplies, sold separately
- Frequency: 120HZ

DIMMING

- Dimmable to 1% Percent, Flicker less than 2%
- 0-10 Volt dimming only. Compatible with Lutron Diva, Skylark and Legrand 0-10 Volt dimmers

ACCESSORIES

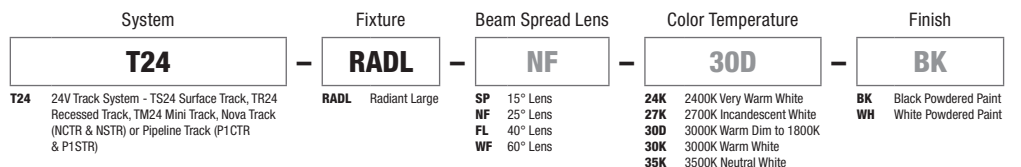
RADIANT LARGE	ORDERING CODE
15° BEAM SPREAD	REF-1.75-SP
25° BEAM SPREAD	RED-1.75-NF
40° BEAM SPREAD	REF-1.75-FL
60° BEAM SPREAD	REF-1.75-WF

COMPLIANCE LABEL

ETL (Conforms to UL1598 and CSA 22.2 #250.0). Title 24

WARRANTY

5 year warranty. See PureEdgeLighting.com



PROJECT	FIXTURE TYPE	DATE
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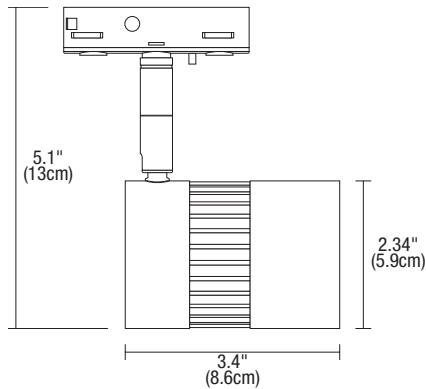
RADIANT LARGE

LED 24VDC T24 TRACK HEAD



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LAMP DATA Lamp Data for Radiant Large LED T24 Track Head, 2400K Static White

COLOR TEMP. (K)	WATTS	LUMENS	LUMENS PER WATT	INPUT VOLTAGE	CRI	BEAM ANGLE	LAMP LIFE	TM-30 DATA
2400K	14.3	1209	84.5	24VDC	92	40° (FL)	50,000 Hours 70% Lumen Maintenance	R9 = 60 Rf: 91 Rg: 99

LAMP DATA Lamp Data for Radiant Large LED T24 Track Head, 2700K Static White

COLOR TEMP. (K)	WATTS	LUMENS	LUMENS PER WATT	INPUT VOLTAGE	CRI	BEAM ANGLE	LAMP LIFE	TM-30 DATA
2700K	14.2	1106	77.7	24VDC	97	40° (FL)	50,000 Hours 70% Lumen Maintenance	R9 = 98 Rf: 93 Rg: 98.8

LAMP DATA Lamp Data for Radiant Large LED T24 Track Head, 3000K Warm Dim

COLOR TEMP. (K)	WATTS	LUMENS	LUMENS PER WATT	INPUT VOLTAGE	CRI	BEAM ANGLE	LAMP LIFE	TM-30 DATA
3000K Warm Dims to 1800K	16.3W	787	48	24VDC	97.6	40° (FL)	50,000 Hours 70% Lumen Maintenance	R9 = 88.4 Rf: 94.5 Rg: 102.5

LAMP DATA Lamp Data for Radiant Large LED T24 Track Head, 3000K Static White

COLOR TEMP. (K)	WATTS	LUMENS	LUMENS PER WATT	INPUT VOLTAGE	CRI	BEAM ANGLE	LAMP LIFE	TM-30 DATA
3000K	15	1128	75	24VDC	82	40° (FL)	50,000 Hours 70% Lumen Maintenance	R9 = 9 Rf: 82 Rg: 96.9

LAMP DATA Lamp Data for Radiant Large LED T24 Track Head, 3500K Static White

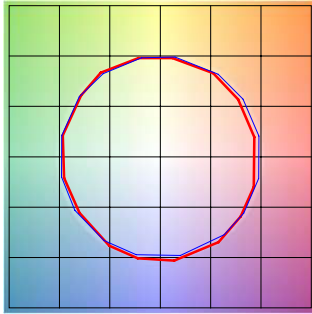
COLOR TEMP. (K)	WATTS	LUMENS	LUMENS PER WATT	INPUT VOLTAGE	CRI	BEAM ANGLE	LAMP LIFE	TM-30 DATA
3500K	14.36	1235	86	24VDC	97	40° (FL)	50,000 Hours 70% Lumen Maintenance	R9 = 91 Rf: 93.9 Rg: 101

PROJECT		FIXTURE TYPE		DATE	
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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

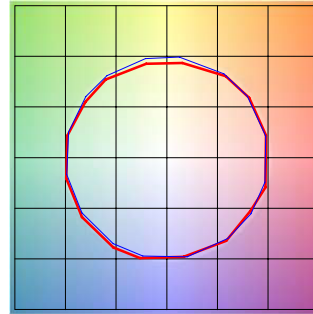


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

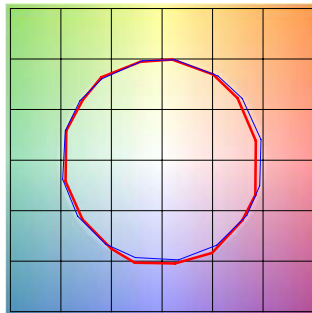


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

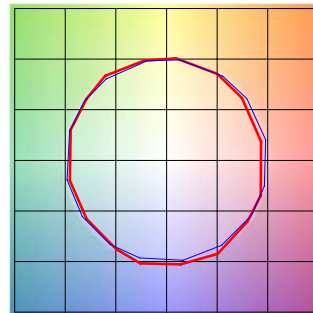


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

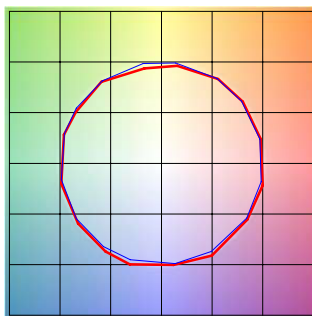


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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%
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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
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