

# RADIANT LARGE TRACK HEAD

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

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 10.20.20



T24-RADL-SP-30K-WH

### DESCRIPTION

The Radiant Large track head forms the perfect marriage of technology and stealth design. This 16-watt, Low Voltage 24VDC fixture is offered with your choice of four beam spreads, as well as field-changeable optic reflectors (optional). The flat-back cylinder with a radiant heat sink swivels 90° vertically and 360° horizontally. Available in 5 color temperatures, including Warm Dim (30D), that dims from 3000K-1800K exhibiting designer-grade color rendering as high as 98 CRI and R9-90. Made from Billet Aluminum, producing a high degree of precision and maximum light output within a small package. Radiant Large is ideal for upscale residential, commercial, and retail environments. 5-year pro-rated warranty.

### MOUNTING OPTIONS

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)

### REMOTE POWER SUPPLIES (SOLD SEPARATELY)

- 24VDC Remote 010 Remote Power Supply

### DIMMING

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

### LAMPING

	BEAM ANGLE REFERENCE 40°				
COLOR TEMPERATURE	24K	27K	30K	30D	35K
TOTAL LUMENS	1209	1106	1128	787	1235
WATTS	14.3	14.2	15	16.3	14.36
LUMENS PER WATT (lm/w)	84.5	77.7	75	48	86
CRI	92	97	82	97.6	97
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: 94.5 Rg: 102.5	R9: 91 Rf: 93.9 Rg: 101
LAMP LIFE	60,000 Hours, 70% Lumen Maintenance				



T24-RADL-SP-30K-BK

### ACCESSORIES

Field adjustable single optic reflector gives a smooth uniform beam at 15° / 25° / 40° / 60° beam spread options

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

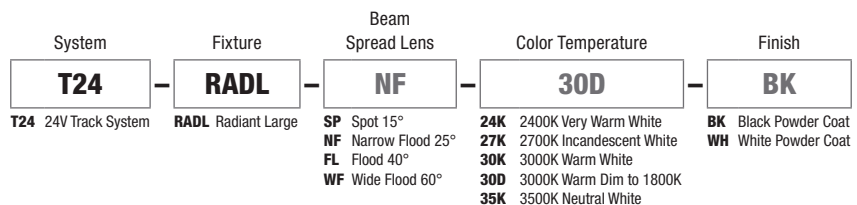
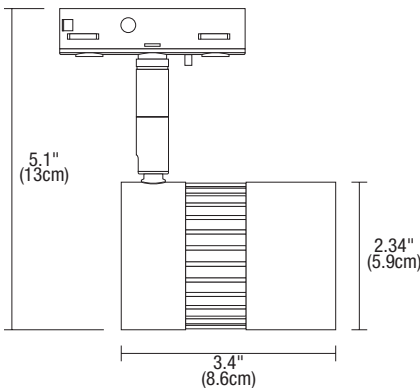
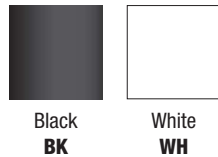
### APPLICATIONS

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

### WARRANTY / LABELS

Pro-rated 5 year warranty. Assembled in America, ETL (Conforms to UL1598 and CSA 22.2 #250.0) RoHs, Title 24 (Remote power supplies only)

### FINISHES



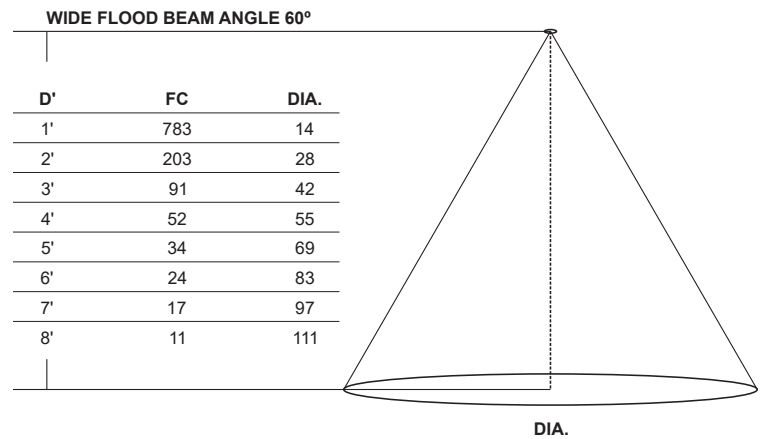
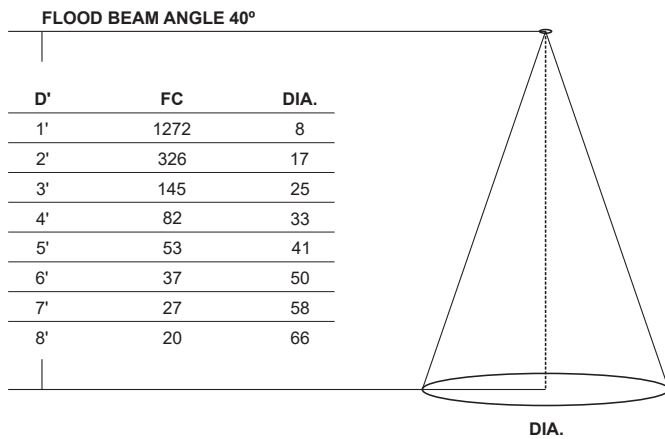
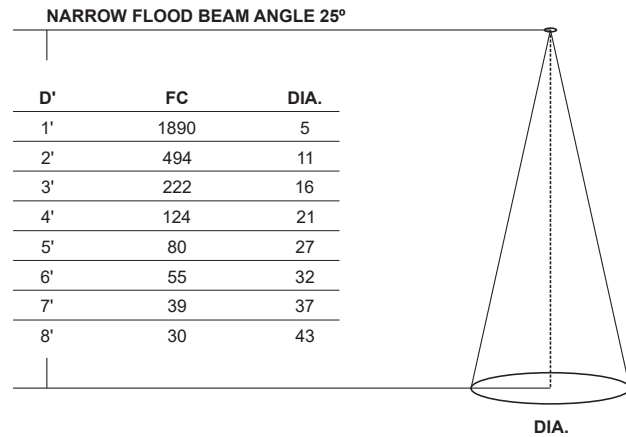
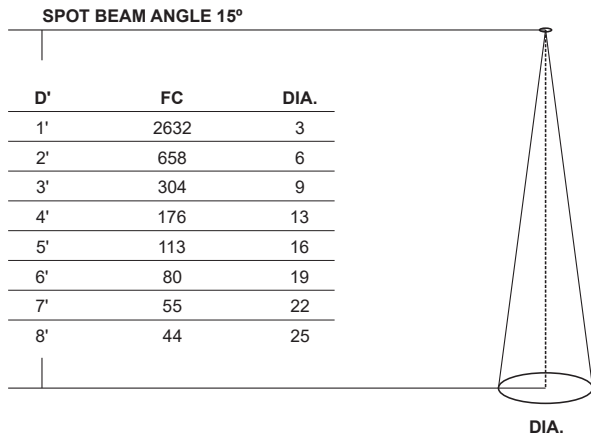
PROJECT	FIXTURE TYPE	DATE
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# RADIANT LARGE TRACK HEAD



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



**FILM LENS ACCESSORIES INCLUDED WITH EACH TRACK HEAD**

FILM LENS SOFT FOCUS INCLUDED WITH TRACK HEAD		FILM LENS LINEAR SPREAD - OPTIONAL - NOT INCLUDED	
DIFFUSES A BEAM PATTERN TO PROVIDE EVEN ILLUMINATION		LINEAR SPREAD LENS DIRECTS LIGHT THROUGH 10° / 15° / 25° DEGREE BEAM LENS CREATING AN ELONGATED SHAPE, USED FOR LONG RECTANGLE PAINTINGS OR ART WORK. LINEAR SPREAD LENS DIRECTS LIGHT THROUGH 35° / 40° / 60° DEGREE BEAM LENS CREATING AN ELONGATED OVAL SHAPE, USED IN ART WORK AND WALL WASH APPLICATIONS.	
PRODUCT	<b>RADIANT LARGE</b> 	PRODUCT	<b>RADIANT LARGE</b> 
ORDERING CODE	LF-RADL-SF	ORDERING CODE	LF-RADL-LS

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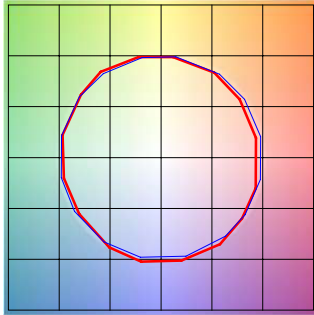
# CEILING TM30 DATA

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

**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: 91.0 | Rg: 99.6

Color Vector Graphic

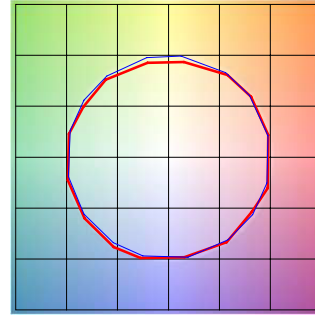


■ Test ■ Reference

		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

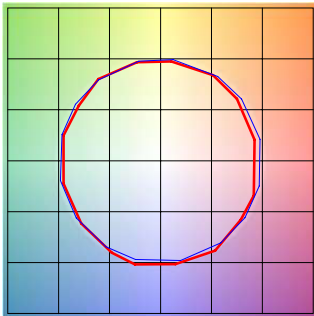


■ Test ■ Reference

		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: 90.5 | Rg: 98.0

Color Vector Graphic

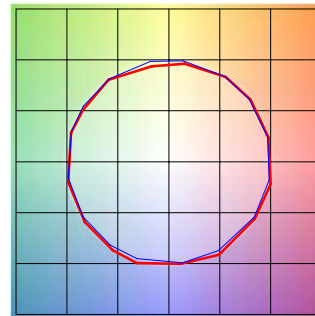


■ Test ■ Reference

		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

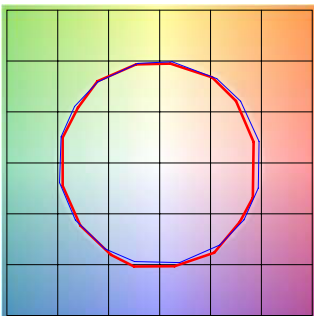


■ Test ■ Reference

		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%	0.5%
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: 90.5 | Rg: 98.0

Color Vector Graphic



■ Test ■ Reference

		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%
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