

RADIANT MEDIUM TRACK HEAD

24VDC INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 10.20.20



T24-RADM-SP-30K-WH

DESCRIPTION

The Radiant Medium Track Head forms the perfect marriage of technology and stealth design. This 11-watt Low Voltage 24VDC track head is offered with your choice of three beam spreads, as well as three optional, field-changeable optic reflectors. 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 with a 97 CRI and R9-88. Made from Billet Aluminum, producing a high degree of precision and maximum light output within a small package. Radiant Medium 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	867	808	675	628	900
WATTS	10.6	10.6	9	11	10.75
LUMENS PER WATT (lm/w)	81	75	75	57	83
CRI	92.6	96.9	92	98	97.1
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				



T24-RADM-SP-30K-BK

ACCESSORIES

Field adjustable single optic reflector gives a smooth uniform beam at 20° / 40° / 60° beam spread options

RADIANT MEDIUM	ORDERING CODE
20° BEAM SPREAD	REF-1.375-SP
40° BEAM SPREAD	REF-1.375-FL
60° BEAM SPREAD	REF-1.375-WF

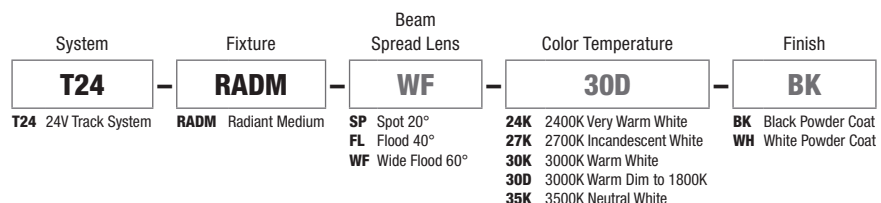
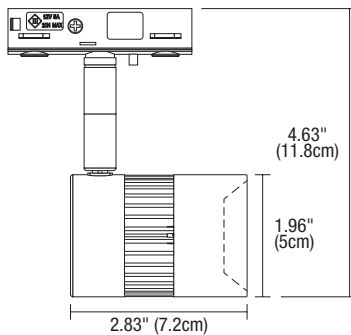
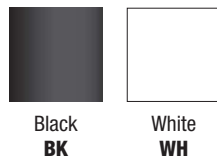
APPLICATIONS

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

WARRANTY / LABELS

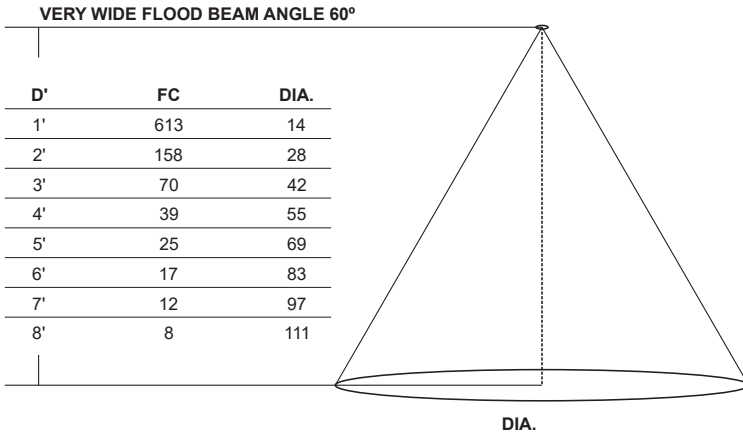
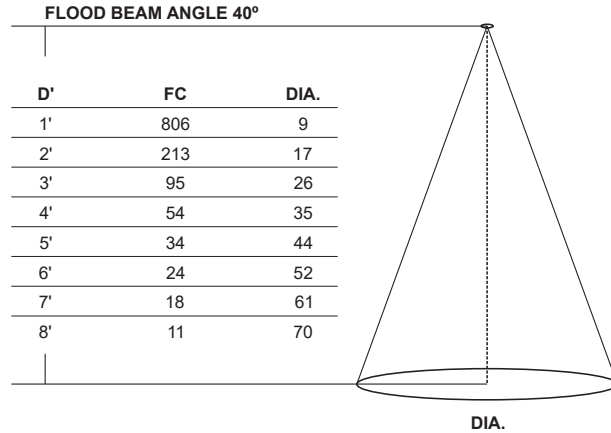
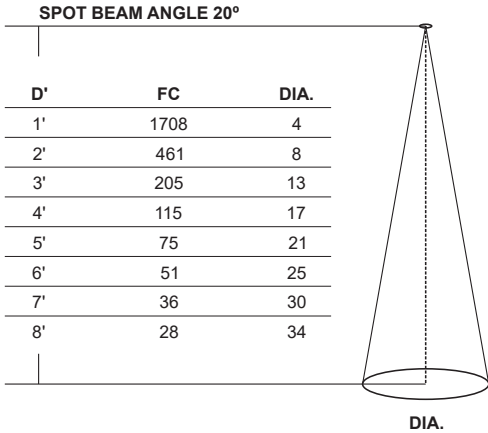
Pro-rated 5 year warranty. Assembled in America, ETL (Conforms to UL1598 and CSA 22.2 #250.0) RoHs, Title 24 (Remote power supplies only) RoHs

FINISHES





PROJECT	FIXTURE TYPE	DATE
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D - Distance from RADIANT MEDIUM fixture
 FC - Initial foot candles at the center of beam
 DIA - Diameter



ADDITIONAL LENSES & ACCESSORIES

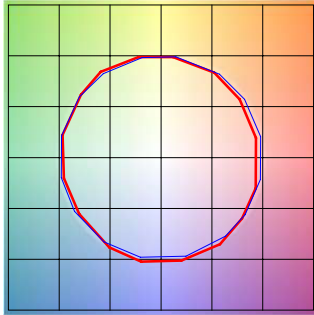
FILM LENS SOFT FOCUS		FILM LENS LINEAR SPREAD	
DIFFUSES A BEAM PATTERN TO PROVIDE EVEN ILLUMINATION		LINEAR SPREAD LENS DIRECTS LIGHT THROUGH 10° / 15° / 25° DEGREE BEAM LENS CREATING AN ELONGATED SHAPE, USED FOR LONG RECTANGLE PAINTINGS OR ART WORK. LINEAR SPREAD LENS DIRECTS LIGHT THROUGH 35° / 40° / 60° DEGREE BEAM LENS CREATING AN ELONGATED OVAL SHAPE, USED IN ART WORK AND WALL WASH APPLICATIONS.	
PRODUCT	RADIANT MEDIUM 	PRODUCT	RADIANT MEDIUM 
ORDERING CODE	LF-RADM-SF	ORDERING CODE	LF-RADM-SF

PROJECT	FIXTURE TYPE	DATE	
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TM-30 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: 91.0 | Rg: 99.6

Color Vector Graphic

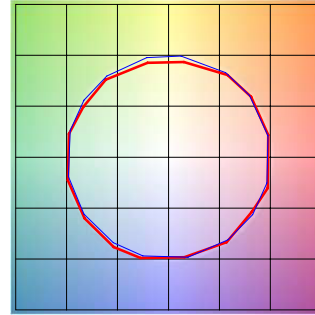


■ Test ■ Reference

		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

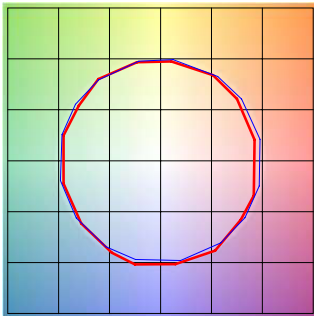


■ Test ■ Reference

		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

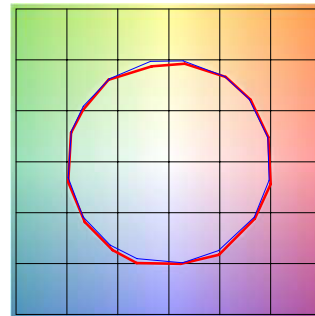


■ Test ■ Reference

		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

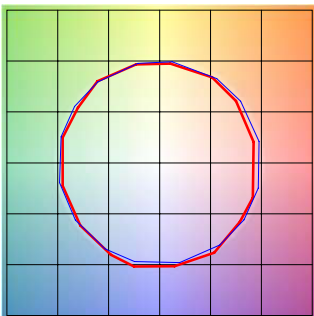


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2	96.7	0.8%	-1.2%
3	96.0	0.2%	-1.0%
4	94.3	-2.5%	-1.9%
5	93.2	-4.8%	-0.2%
6	97.1	-0.3%	1.4%
7	93.8	-1.7%	3.2%
8	97.3	0.2%	1.3%
9	93.3	0.8%	4.2%
10	91.4	1.4%	5.2%
11	90.6	2.8%	4.5%
12	92.6	4.4%	0.5%
13	96.3	0.7%	-1.9%
14	93.9	3.6%	-1.8%
15	92.4	1.2%	-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%
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