RADIANT MEDIUM TRACK HEAD
24VDC INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

PURE EDGE
LIGHTING

T24-RADM-SP-30K-WH

T24-RADM-SP-30K-BK

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 multiple beam spreads, as well as three optional, field-changeable lenses. 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 98 CRI and R9-97. 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.
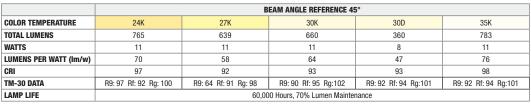
MOUNTING OPTIONS

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, Class 2 wiring
- Pure Smart™ WiZ Pro Power Supplies & Controls
- UNI Driver: Universal Dimming **(TRIAC, ELV, 0-10V)**

LAMPING

	BEAM ANGLE REFERENCE 45°				
COLOR TEMPERATURE	24K	27K	30K	30D	35K
TOTAL LUMENS	765	639	660	360	783
WATTS	11	11	11	8	11
LUMENS PER WATT (lm/w)	70	58	64	47	76
CRI	97	92	93	93	98
TM-30 DATA	R9: 97 Rf: 92 Rg: 100	R9: 64 Rf: 91 Rg: 98	R9: 90 Rf: 95 Rg:102	R9: 92 Rf: 94 Rg:101	R9: 92 Rf: 94 Rg:101
LAMP LIFE	60,000 Hours, 70% Lumen Maintenance				

ACCESSORIES

Additional lenses can be ordered and changed in the field offered in **SP** (20°), **NF** (35°), **FL** (45°), **WF** (60°) beam spread options.
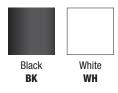
APPLICATIONS

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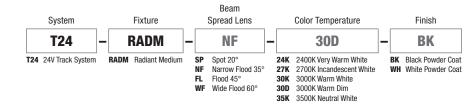
WARRANTY / LABELS

Pro-rated 5 year warranty. Assembled in America, ETL (Conforms to UL1598 and CSA 22.2 #250.0) RoHs, Title 24 JA8 with universal power supplies 27K> CCT.

FINISHES

Black **BK**
White **WH**

4.63" (11.8cm)
1.96" (5cm)
2.83" (7.2cm)

System	Fixture	Beam Spread Lens	Color Temperature	Finish
T24	**RADM**	**NF**	**30D**	**BK**

T24 24V Track System	RADM Radiant Medium	**SP** Spot 20°	**24K** 2400K Very Warm White	**BK** Black Powder Coat
		NF Narrow Flood 35°	**27K** 2700K Incandescent White	**WH** White Powder Coat
		FL Flood 45°	**30K** 3000K Warm White	
		WF Wide Flood 60°	**30D** 3000K Warm Dim	
			35K 3500K Neutral White	

PROJECT		FIXTURE TYPE		DATE	

www.PureEdgeLighting.com | Phone: 773.770.1195 | 1718 W. Fullerton Ave. Chicago, IL 60614
For custom design and layout assistance, send drawings to design@PureEdgeLighting.com
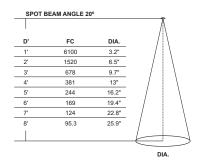
1

Additional Lenses and Accessories

RADIANT MEDIUM LENS		LOUVER	FOCUS LENS	LINEAR SPREAD FILM
ORDERING CODE	**STATIC WHITE** LEN-RADM-SP-SW LEN-RADM-NF-SW LEN-RADM-FL-SW LEN-RADM-WF-SW	**WARM DIM** LEN-RADM-SP-WD LEN-RADM-NF-WD LEN-RADM-FL-WD LEN-RADM-WF-WD	L011-H	**LF-RADM-SF (SOFT FOCUS)** **MF (MEDIUM FOCUS), WF (WIDE FOCUS)**	**LF-RADM-LS**
LENS SIZE	1.375" (35mm) Diameter		MR16 Hexcell louver accessory eliminates glare. 2" Diameter x .125" Thick.	Soft focus lens is included with every track head. Diffuses the beam, providing uniform illumination.	Linear spread film: directs the light into an elongated beam. Typical applications using 10°, 15°, 25° include illuminating landscape oriented art. 35°, 40°, 60° create an elongated oval typically used for wall washing.
BEAM SPREADS	**SP** (20°), **NF** (35°), **FL** (45°), **WF** (60°)		Hexcell louver eliminates glare. 0.125" Thickness.		

Note: Ordering code columns above: STATIC WHITE and WARM DIM are two sub-columns under RADIANT MEDIUM LENS.

RADIANT MEDIUM Photometric Data 3000K CCT

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

SPOT BEAM ANGLE 20°

D'	FC	DIA.
1'	6100	3.2"
2'	1520	6.5"
3'	678	9.7"
4'	381	13"
5'	244	16.2"
6'	169	19.4"
7'	124	22.8"
8'	95.3	25.9"

NARROW FLOOD BEAM ANGLE 35°

D'	FC	DIA.
1'	1540	7.6"
2'	385	15.1"
3'	171	22.7"
4'	96.3	30"
5'	61.6	37.2"
6'	42.8	45.4"
7'	31.4	53"
8'	24.1	62.5"

FLOOD BEAM ANGLE 45°

D'	FC	DIA.
1'	496	9.7"
2'	124	19.4"
3'	55.1	29.2"
4'	131	38.9"
5'	19.8	48.6"
6'	13.8	58.3"
7'	10.1	68"
8'	7.8	77.8"

WIDE FLOOD BEAM ANGLE 60°

D'	FC	DIA.
1'	265	16.2"
2'	66.3	32.4"
3'	29.4	48"
4'	16.6	64.8"
5'	10.6	81"
6'	7.3	97.2"
7'	5.4	113.4"
8'	4.1	129.6"

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2

TM30 DATA
24VDC INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

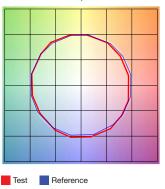**TM-30 DATA**: The data below is for Radiant Medium. Consistent color temperatures among multiple track heads is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.
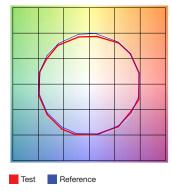

2400K | Rf: 91.0 | Rg: 99.6
Color Vector Graphic

Test   Reference

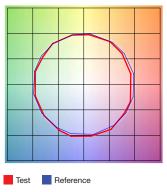| HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	90.1	-4.6%	-0.3%
2	90.6	-4.0%	2.7%
3	88.6	-1.6%	5.1%
4	93.1	-0.9%	2.7%
5	94.6	1.1%	3.3%
6	94.6	2.9%	1.0%
7	94.1	-0.2%	-2.7%
8	97.1	-0.9%	-1.2%
9	94.5	-2.4%	1.0%
10	90.3	-2.5%	4.5%
11	88.6	1.5%	7.1%
12	89.2	4.1%	1.5%
13	90.6	3.4%	-5.3%
14	84.5	3.5%	-8.9%
15	92.3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

2700K | Rf: 93.3 | Rg: 98.8
Color Vector Graphic

Test   Reference

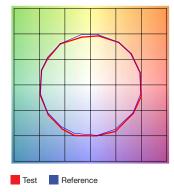| HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	95.9	0.3%	0.7%
2	95.5	0.6%	-2.0%
3	93.7	-0.8%	-2.8%
4	89.8	-5.2%	-4.0%
5	93.1	-5.2%	0.2%
6	93.9	-2.4%	2.9%
7	89.0	-3.1%	5.5%
8	93.6	0.5%	3.7%
9	92.9	1.2%	3.8%
10	92.7	2.0%	3.9%
11	93.7	3.2%	2.9%
12	93.7	2.7%	-1.8%
13	94.9	-0.7%	-3.4%
14	94.7	1.3%	-2.4%
15	92.9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

3000K | Rf: 90.5 | Rg: 98.0
Color Vector Graphic

Test   Reference

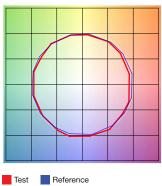| HUE BIN	Rf	GRAPHIC SHIFTS % CHROMA	HUE
1	88.7	-5.3%	0.5%
2	90.7	-3.6%	2.8%
3	89.4	-1.7%	4.6%
4	93.3	-2.1%	1.4%
5	94.6	-0.8%	2.2%
6	96.2	0.6%	-0.2%
7	92.5	-3.4%	-0.9%
8	96.4	-1.7%	0.5%
9	92.0	-2.4%	3.7%
10	87.3	-1.1%	7.1%
11	87.6	1.7%	8.2%
12	89.2	4.8%	0.4%
13	90.6	2.5%	-5.7%
14	86.7	3.3%	-9.0%
15	90.9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

3500K | Rf: 93.9 | Rg: 100.9
Color Vector Graphic

Test   Reference

HUE BIN	Rf	GRAPHIC SHIFTS % 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

HUE BIN	Rf	GRAPHIC SHIFTS % 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%

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