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

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

PURE EDGE LIGHTING

REV 08.25.20

T24-RADL-SP-30K-WH

T24-RADL-SP-30K-BK

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)
• Remote 24VDC Universal Power Supply
• Remote 010 Remote Power Supply

DIMMING
• ELV, 0-10V, TRIAC with corresponding power Supply
• Dimmable to 1%, Flicker less than 2%
• Compatible with Lutron Diva, Skylark and Legrand 0-10 Volt dimmers

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				

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

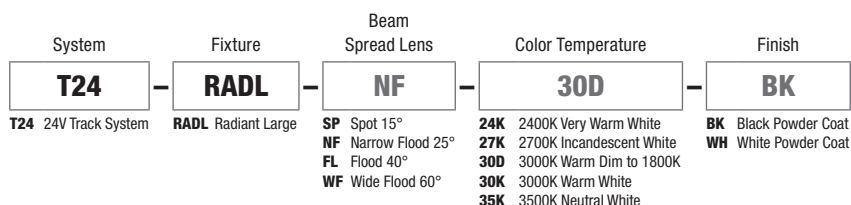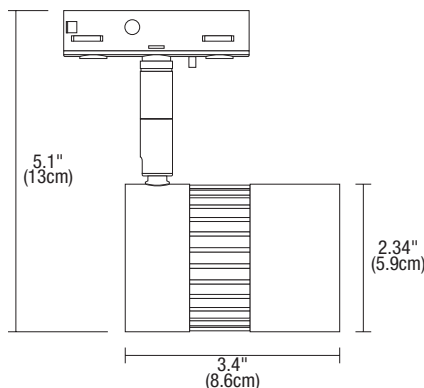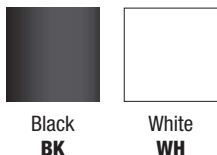| RADIANT LARGE	ORDERING CODE
15° BEAM SPREAD	REF-1.75-SP
25° BEAM SPREAD	REF-1.75-NF
40° BEAM SPREAD	REF-1.75-FL
60° BEAM SPREAD	REF-1.75-WF

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)
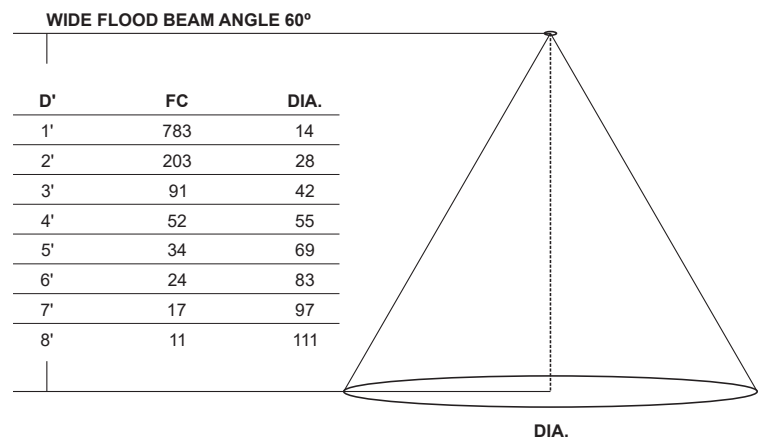
FINISHES

Black **BK**

White **WH**

5.1" (13cm)

2.34" (5.9cm)

3.4" (8.6cm)

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

T24 24V Track System	RADL Radiant Large	SP Spot 15°	24K 2400K Very Warm White	BK Black Powder Coat
		NF Narrow Flood 25°	27K 2700K Incandescent White	WH White Powder Coat
		FL Flood 40°	30D 3000K Warm Dim to 1800K	
		WF Wide Flood 60°	30K 3000K Warm White	
			35K 3500K Neutral White	

PROJECT		FIXTURE TYPE		DATE	

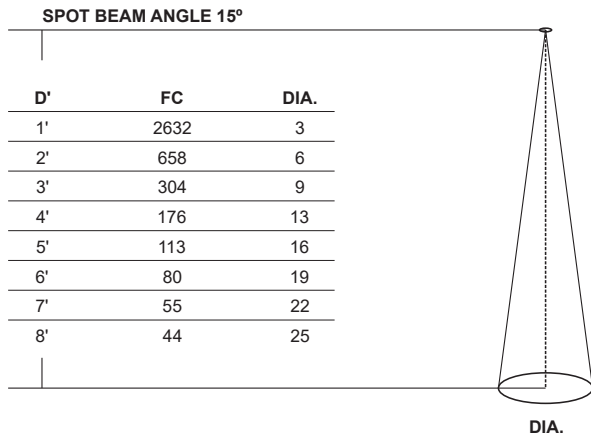# RADIANT LARGE TRACK HEAD
24VDC, WITH INTEGRATED LED, STATIC WHITE & WARM DIM TECHNOLOGY

PURE EDGE
LIGHTING

REV 08.25.20

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

SPOT BEAM ANGLE 15º

D'	FC	DIA.
1'	2632	3
2'	658	6
3'	304	9
4'	176	13
5'	113	16
6'	80	19
7'	55	22
8'	44	25

DIA.

NARROW FLOOD BEAM ANGLE 25º

D'	FC	DIA.
1'	1890	5
2'	494	11
3'	222	16
4'	124	21
5'	80	27
6'	55	32
7'	39	37
8'	30	43

DIA.

FLOOD BEAM ANGLE 40º

D'	FC	DIA.
1'	1272	8
2'	326	17
3'	145	25
4'	82	33
5'	53	41
6'	37	50
7'	27	58
8'	20	66

DIA.

WIDE FLOOD BEAM ANGLE 60º

D'	FC	DIA.
1'	783	14
2'	203	28
3'	91	42
4'	52	55
5'	34	69
6'	24	83
7'	17	97
8'	11	111

DIA.
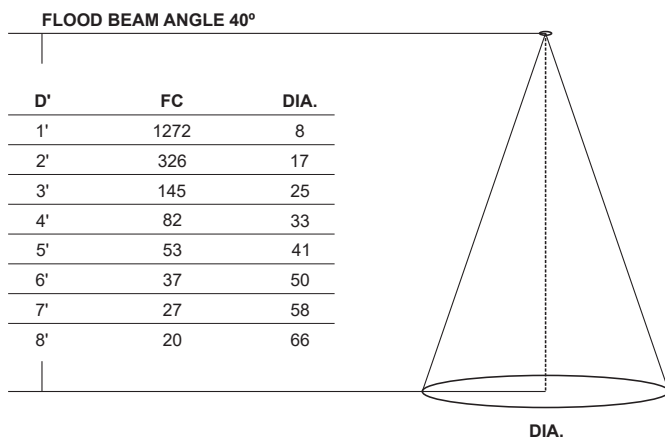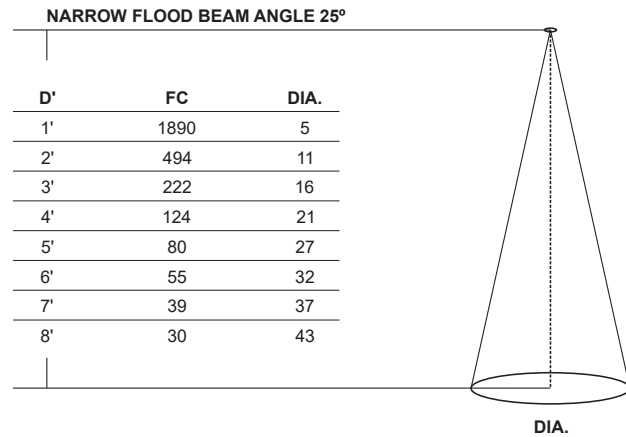
FILM LENS ACCESSORIES INCLUDED WITH EACH TRACK HEAD

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	RADIANT LARGE	PRODUCT	RADIANT LARGE
ORDERING CODE	LF-RADL-SF	ORDERING CODE	LF-RADL-LS

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

2

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

PURE EDGE
LIGHTING

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.

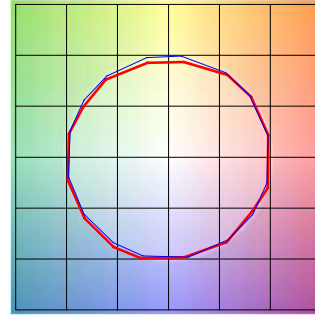### 2400K | Rf: 91.0 | Rg: 99.6

Color Vector Graphic
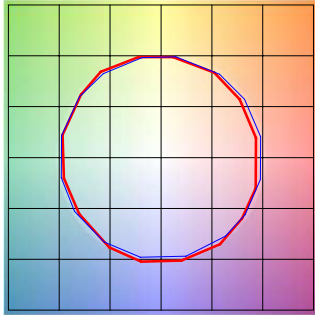
■ Test ■ Reference

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
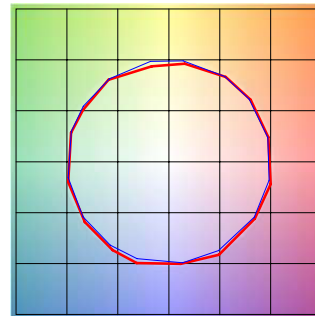
■ Test ■ Reference

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%

PROJECT		FIXTURE TYPE		DATE	