

DATE

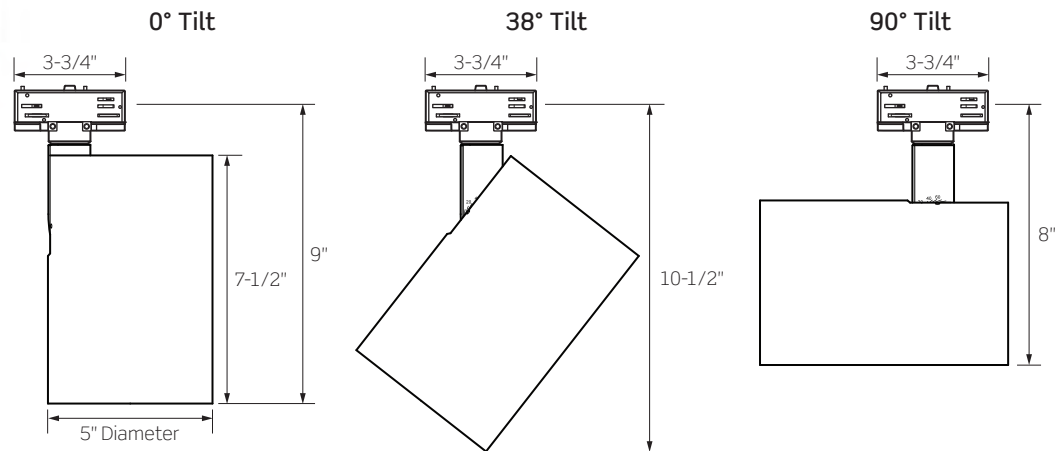
PROJECT

TYPE

ETL94 SERIES | Gallery XL Warm Dim LED Track Luminaire with 0-10V Dimming Track System Adapter



For use on existing 0-10V Dimming Track (Eutrac) installations only



	ETL940	ETL943
WATTAGE	13W	35W
LUMEN OUTPUT ¹ BY BEAM SPREAD <i>Beam Range: 10° to 51°</i>		
Very Narrow Spot Optic	508Lm	N/A
Narrow Spot Optic	N/A	1209Lm
Medium Reflector	771Lm	2291Lm
Flood Reflector	894Lm	2374Lm
Wide Flood Reflector	884Lm	2372Lm
COLOR TEMPERATURE	3000K – 1800K	
CRI	90	
FINISHES	Matte Black / Matte White / Matte Silver	
DRIVER INPUT VOLTAGE	120V/277V, 50/60Hz	
DIMMING TYPE	120V TRIAC/ELV Dimming, 120/277V 0-10V Dimming	
COMPATIBILITY	Compatible with ConTech Lighting 0-10V Dimming Track System	
LISTINGS	cCSAus Certified for use in the U.S. and Canada; Suitable for Dry Locations ENERGY STAR® Certified for all models using Medium, Flood, and Wide Flood Reflectors	
WARRANTY	Five (5) year replacement after date of purchase	
SYSTEM RATING	50,000 Hours @ 70% Lumen Maintenance	

1. Approximate lumen output based on 3000K performance; see photometric test results for additional information

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ETL94 SERIES | Gallery XL Warm Dim LED Track Luminaire with 0-10V Dimming Track System Adapter

ORDERING INFORMATION

Example Order:

ETL940VNWDD

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P

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DB

LED Series	Beam: Optic or Reflector	Color Temp/CRI	Driver	Finish	Eutrac Adapter	Data Bus
ETL940 - 13W ETL943 - 35W	PC Optics: Intensity at Nadir, Narrow Field VN ¹ - Very Narrow Spot: 10° Beam, 18° Field NS - Narrow Spot: 13° Beam, 22° Field 1. Very Narrow Spot (VN) only available for Series 0 (13W) 1. Narrow Spot (NS) only available for Series 3 (38W) Reflectors: Well Defined Beams, Smooth Field ME - Medium: 24° Beam, 54° Field FL - Flood: 42° Beam, 64° Field WF - Wide Flood: 51° Beam, 83° Field	90 CRI WD - Warm Dim 3000K to 1800K	D - 120V TRIAC/ELV or 120/277V 0-10V (with -DB Option)	B - Matte Black P - Matte White S - Matte Silver	- 120V 2C/2N Leave Blank 27 - 277V 2C/2N	DB - Data Bus for 0-10V Dimming

ACCESSORY & REPLACEMENT OPTIC ORDERING INFORMATION

Each Gallery XL Luminaire comes ready to hold up to two (2) Accessories; Snoot or Barn Door count as one (1) piece



FA-94-(B,P,S) - Snoot with optional Cross Blades
Exterior painted per finish [Black (B), White (P) or Silver (S)], interior and blades are always Black

LF20-* - 3-3/4 Inch Diameter Tempered Glass Lenses and Filters; 1/8 Inch Thick, typ.

*Color/Pattern Legend

-73 (Spread Lens), -LS (Linear Spread Lens), -SL (Soft Light), -SOL (Solite),
-UV (Optivex UV Filter), -A (Amber), -B (Blue), -CL (Clear), -DPE (Dichroic Peach),
-G (Green), -LB (Light Blue), -R (Red), -RO (Rose), -Y (Yellow)



LA-45 - 3-3/4 Inch Diameter Black Honeycomb Louver

Replacement Optics

Very Narrow Spot Optic not available as a replacement optic

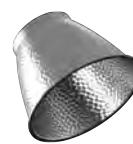
CTL94NS - 13° Narrow Spot Optic
CTL94ME - 24° Medium Reflector
CTL94FL - 42° Flood Reflector
CTL94WF - 51° Wide Flood Reflector



BD94-B - Black Barn Doors



CTL94NS
13° Narrow Spot



CTL94ME
24° Medium



CTL94FL
42° Flood



CTL94WF
51° Wide Flood

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ETL94 SERIES | Gallery XL Warm Dim LED Track Luminaire with 0-10V Dimming Track System Adapter

PRODUCT DETAILS

Construction

- **NOTE:** The Eutrac 0-10V Dimming Track systems are discontinued. The ConTech ETL Track heads are for use **ONLY** on existing Eutrac 0-10V Dimming installations.
- Luminaires must be ordered with the -DB Data Bus Track Adapter for 0-10V dimming
- A revolutionary track head with superior optics designed to bring theatre grade beam control to traditional gallery and commercial track heads and mono-point luminaires
- Constructed of die-cast aluminum, the cylindrical body provides thermal management
- Adjustable, lockable aiming arm with 0° to 100° tilt for precision aiming; 365° horizontal rotation
- Precision engineered Dual Lens Optic used for Very Narrow Spot (VN) and Narrow Spot (NS) beam distributions. Design provides a tight beam angle and field to highlight target objects with minimal stray illumination.
- Specular Aluminum Reflectors used for 24° Medium, 42° Flood, and 51° Wide Flood beam distributions. Optically engineered for even illumination and glare control.
- Can accept up to two (2) LF20 Lenses/Filters, LA-45 Honeycomb Louver, FA-94 Snoot or BD94-B Black Barn Doors, ordered separately. Snoot or Barn Door count as one (1) piece.
- Integral ON/OFF switch and track polarity indicator are standard
- Fixture weight: 5 LBS

Performance Summary

- Light that warms as it dims
- CCT Range from 3000K to 1800K (3000K at full brightness to 1800K when dimmed), CRI of 90
- Excellent fixture-to-fixture color consistency within a 3-step MacAdam Ellipse tolerance
- Precise beam control ensures that even at lower aiming angles, the luminaire is glare free and quiet in the ceiling
- Full collection of accessories to produce a myriad of filtering and framing effects
- Dimming is standard in all wattage options for 120V TRIAC/ELV dimmers. 120/277V 0-10V Dimming is available for luminaires with "-DB" option. For dimmer compatibility and performance, refer to Dimming Specification sheet.

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CTL94 * WD SERIES | Gallery XL Luminaire Warm Dim LED Photometrics

ALUMINUM REFLECTOR | MEDIUM

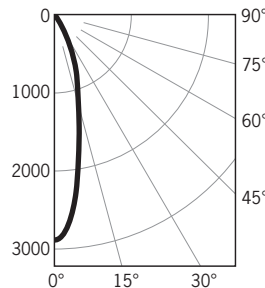
CTL940MEWDD

Fixture Delivered Lumens: 855.5
Total Watts@120V: 13.6
Lumens Per Watt: 62.9
Center Beam Candle Power: 2881
Beam Distribution: 24.9°
Field Distribution: 55.7°
Spacing Criterion: 0.50
Color Rendering Index (CRI)¹: 90.2
Color Temperature (CCT)²: 3021K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G22042505
LM-79 Test No. S22030101

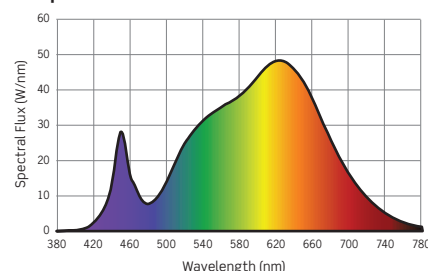
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	80.0	2.7
8 FT	45.0	3.5
10 FT	28.8	4.4
12 FT	20.0	5.3
14 FT	14.7	6.2
16 FT	11.3	7.1

Candela Curve



Spectral Power Distribution Chart⁴



ALUMINUM REFLECTOR | FLOOD

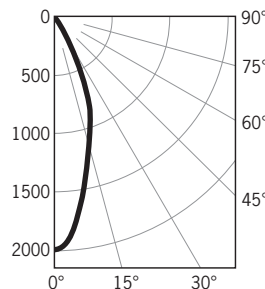
CTL940FLWDD

Fixture Delivered Lumens: 894.4
Total Watts@120V: 13.6
Lumens Per Watt: 65.8
Center Beam Candle Power: 1999
Beam Distribution: 36.3°
Field Distribution: 65.2°
Spacing Criterion: 0.64
Color Rendering Index (CRI)¹: 90.2
Color Temperature (CCT)²: 3021K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G22042506
LM-79 Test No. S22030101

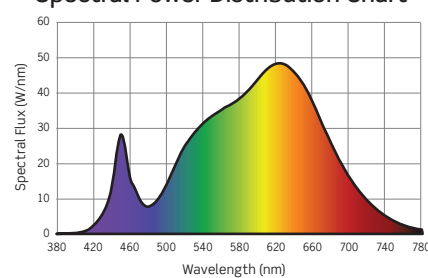
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	55.5	3.9
8 FT	31.2	5.3
10 FT	20.0	6.6
12 FT	13.9	7.9
14 FT	10.2	9.2
16 FT	7.8	10.5

Candela Curve



Spectral Power Distribution Chart⁴



ALUMINUM REFLECTOR | WIDE FLOOD

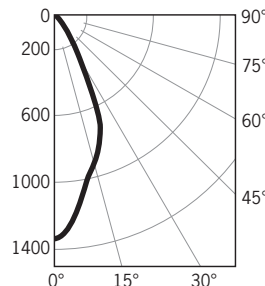
CTL940FWDD

Fixture Delivered Lumens: 844.2
Total Watts@120V: 13.6
Lumens Per Watt: 65.0
Center Beam Candle Power: 1331
Beam Distribution: 48.2°
Field Distribution: 80.7°
Spacing Criterion: 0.73
Color Rendering Index (CRI)¹: 90.2
Color Temperature (CCT)²: 3021K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G22042601
LM-79 Test No. S22030101

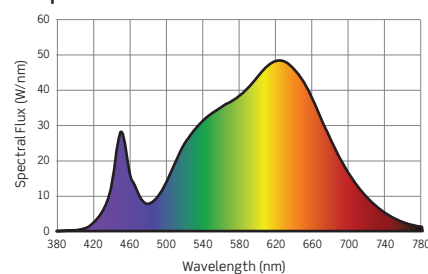
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	37.0	5.4
8 FT	20.8	7.2
10 FT	13.3	8.9
12 FT	9.2	10.7
14 FT	6.8	12.5
16 FT	5.2	14.3

Candela Curve



Spectral Power Distribution Chart⁴



1. Accuracy of Rendering Colors 2. Color Appearance of Light Source 3. Dependent on Surrounding Temperatures 4. Colors Present within the Light Source

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PROJECT

TYPE

CTL94 * WD SERIES | Gallery XL Luminaire Warm Dim LED Photometrics

ALUMINUM REFLECTOR | MEDIUM

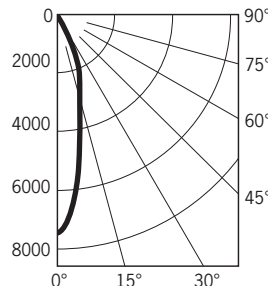
CTL943MEWDD

Fixture Delivered Lumens: 2290.6
Total Watts@120V: 34.7
Lumens Per Watt: 66.0
Center Beam Candle Power: 7447
Beam Distribution: 26.1°
Field Distribution: 55.9°
Spacing Criterion: 0.20
Color Rendering Index (CRI)¹: 90.2
Color Temperature (CCT)²: 3021K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G22030103
LM-79 Test No. S22030101

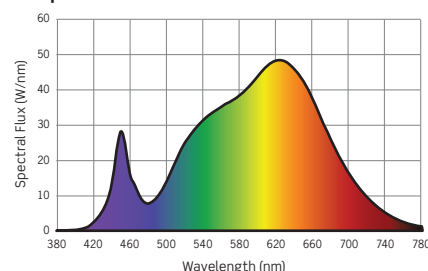
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	206.9	2.8
8 FT	116.4	3.7
10 FT	74.5	4.6
12 FT	51.7	5.6
14 FT	38.0	6.5
16 FT	29.1	7.4

Candela Curve



Spectral Power Distribution Chart⁴



ALUMINUM REFLECTOR | FLOOD

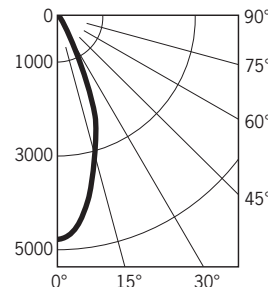
CTL943FLWDD

Fixture Delivered Lumens: 2374.1
Total Watts@120V: 34.7
Lumens Per Watt: 68.4
Center Beam Candle Power: 4784
Beam Distribution: 41.2°
Field Distribution: 66.6°
Spacing Criterion: 0.28
Color Rendering Index (CRI)¹: 90.2
Color Temperature (CCT)²: 3021K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G22030104
LM-79 Test No. S22030101

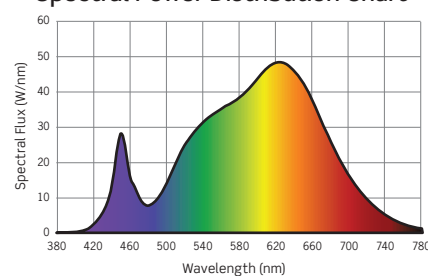
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	132.9	4.5
8 FT	74.7	6.0
10 FT	47.8	7.5
12 FT	33.2	9.0
14 FT	24.4	10.5
16 FT	18.7	12.0

Candela Curve



Spectral Power Distribution Chart⁴



ALUMINUM REFLECTOR | WIDE FLOOD

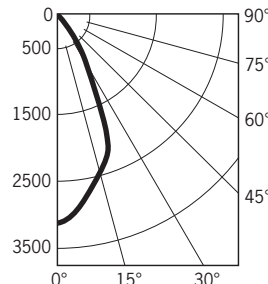
CTL943FWDD

Fixture Delivered Lumens: 2372.4
Total Watts@120V: 34.7
Lumens Per Watt: 68.4
Center Beam Candle Power: 3128
Beam Distribution: 50.9°
Field Distribution: 84.0°
Spacing Criterion: 0.76
Color Rendering Index (CRI)¹: 90.2
Color Temperature (CCT)²: 3021K
Designed for 50,000 Hour Lamp Life³
LM-63 Test No. G22030105
LM-79 Test No. S22030101

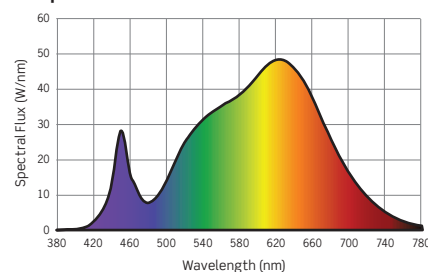
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6 FT	86.9	5.7
8 FT	48.9	7.6
10 FT	31.3	9.5
12 FT	21.7	11.4
14 FT	16.0	13.3
16 FT	12.2	15.2

Candela Curve



Spectral Power Distribution Chart⁴



1. Accuracy of Rendering Colors 2. Color Appearance of Light Source 3. Dependent on Surrounding Temperatures 4. Colors Present within the Light Source

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CTL94 * WD SERIES | Gallery XL Luminaire

Warm Dim LED Photometrics

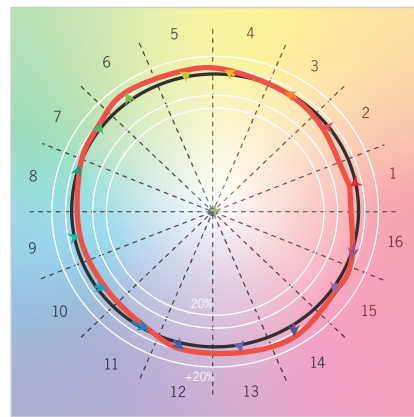
TM-30 DATA: CTL945ME3KD

ANSI/IES TM-30-18 Color Rendition Report Test No. S22031501

Colors are for visual orientation purposes only

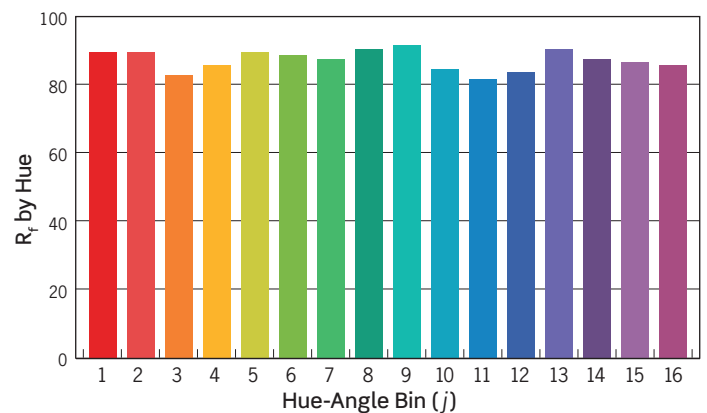
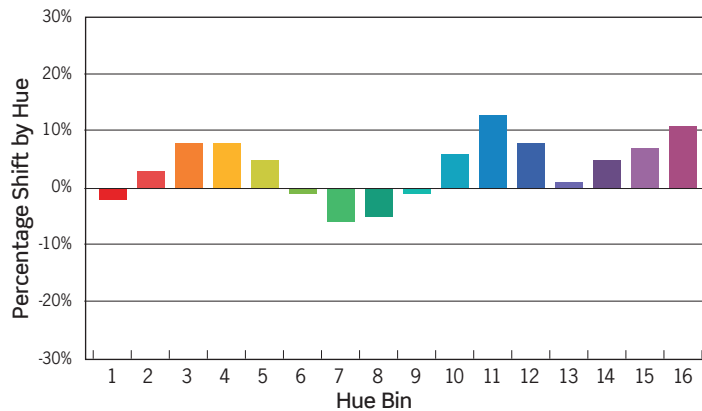
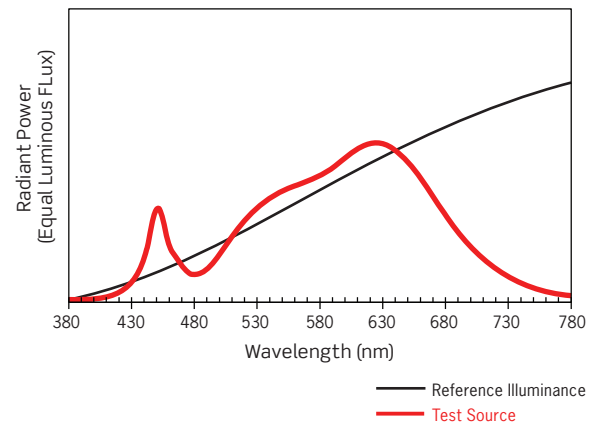
R_f	89
R_g	102
CCT(K)	3021K
D_{uv}	-0.0009
u^l	0.2502
v^l	0.5198

Color Vector Graphic



— Reference Illuminance — Test Source

Spectral Power Distribution Comparison



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	-2%	3%	8%	8%	5%	-1%	-6%	-5%	-1%	6%	13%	82%	1%	-5%	-7%	-11%
R _f VALUE	91	91	84	87	91	90	89	92	93	86	83	85	92	89	88	87

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CTL94*C & ETL94 SERIES | Gallery XL LED Track Luminaire: Dimming Specifications

- Incandescent 120V AC Dimmers adjust the light with *Forward Phase Control*, where the Dimmer “chops” the forward part of the AC Wave to deliver less or more power to the light source. No Neutral Wire Connection required.
- Electronic Low Voltage 120V AC Dimmers adjust the light with *Reverse Phase Control*, where the Dimmer “chops” the back part of the AC Wave to deliver less or more power to the light source. Neutral Wire Connection required.
- 0-10V Dimming may be used for 120V or 277V powered Luminaires by delivering a separate controlled DC voltage signal which adjusts the light output.

Manufacturer	Product	Model	TRIAC/ELV (120V Only)	0-10V DIMMING
			Light Output	Light Output
Leviton	Vizia	VPE06	4%-100%	N/A
Leviton	Decora	6673-10W	11%-100%	N/A
Leviton	IllumaTech	IP710-DL	N/A	5% to 100%
Lutron	Ariadni	TGCL-153P	0%-100%	N/A
Lutron	Diva	DVCL-153P	0%-100%	N/A
Lutron	Diva	DVELV303P	3%-100%	N/A
Lutron	Skylark	SELV300P	3%-100%	N/A
Lutron	Maestro	MAELV600	0%-100%	N/A
Lutron	Faetra	FAELV500	7%-100%	N/A
Lutron	Skylark C	SCL-153P	0%-100%	N/A
Lutron	Maestro C•L	MACL-153M	0%-99%	N/A
Lutron	RA2 Select	RRD-6CL	2%-98%	N/A
Lutron	Diva	DVTV	N/A	5% to 100%
Lutron	Nova	NFTV	N/A	5% to 100%

NOTES

1. If light is measured, then the dimming range is based on light output. If light is not measured, then the dimming range is based on the percentage of output current.
2. Testing was performed with a single fixture connected to dimmer.
3. Testing has been performed on these dimmers, but this does not imply any warranty of compatibility.
4. Dimming performance can be influenced by different loads, as well as variations in dimmer switches within the same model.
5. Dimmer maximum load rating with LED may differ from published traditional source dimmer ratings. Consult manufacturer for maximum dimmer information.
6. Consult factory for additional dimming information.