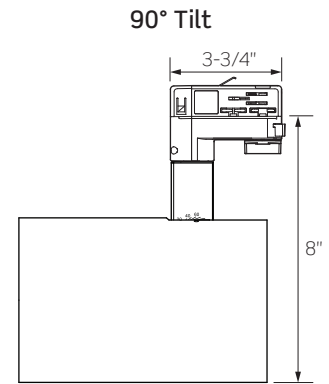
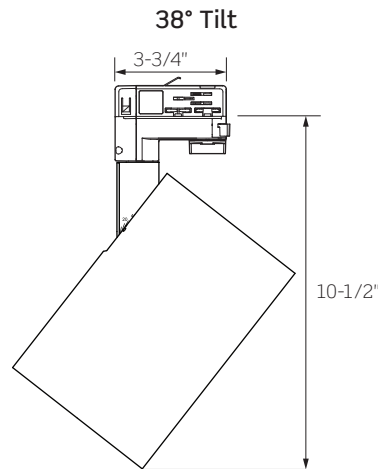
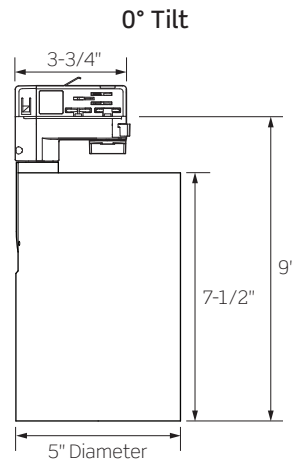


DATE

PROJECT

TYPE

OTL94 SERIES | Gallery XL Warm Dim LED Track Luminaire with 0-10V Dimming Track System Adapter



	OTL940	OTL943	
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 or 277V, 50/60Hz		
DIMMING TYPE	0-10V Dimming		
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

DATE PROJECT TYPE

OTL94 SERIES | Gallery XL Warm Dim LED Track Luminaire with 0-10V Dimming Track System Adapter


ORDERING INFORMATION

Example Order: -

Luminaire	Beam: Optic or Reflector	Color Temp/CRI	Driver ²	Finish
OTL940 - 13W OTL943 - 35W	PC Optics: Intensity at Nadir, Narrow Field VN¹ - 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)	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 12D2 - 120V 0-10V Dimming 27D2 - 277V 0-10V Dimming 2. Selected Driver Voltage MUST match Track System Voltage	B - Matte Black P - Matte White S - Matte Silver

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

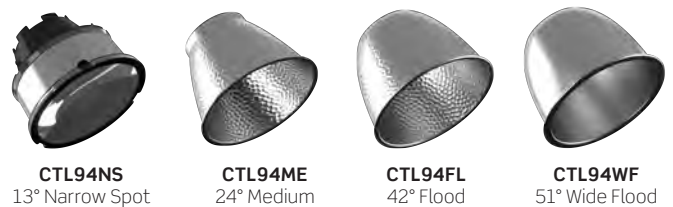
Replacement Optics

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



DATE

PROJECT

TYPE

OTL94 SERIES | Gallery XL Warm Dim LED Track Luminaire with 0-10V Dimming Track System Adapter

PRODUCT DETAILS

Construction

- 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

Fixture Compatibility

- ConTech OTL Track Luminaires are compatible with the ConTech Lighting O2CD 0-10V Dimming Track System

DATE

PROJECT

TYPE

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

ALUMINUM REFLECTOR | MEDIUM

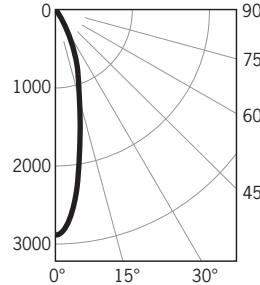
CTL940MEWDD

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

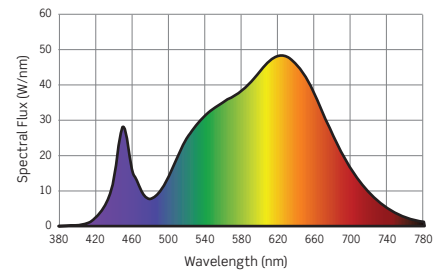
Intensity Distribution

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

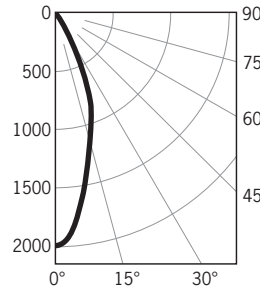
CTL940FLWDD

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

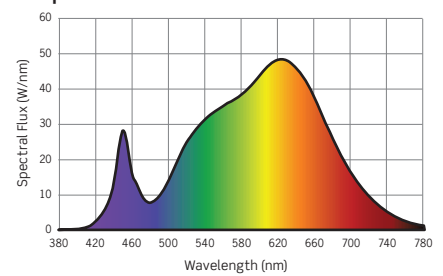
Intensity Distribution

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

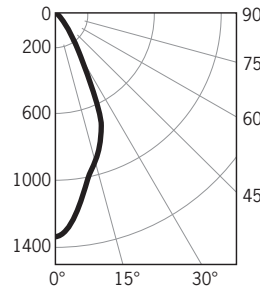
CTL940FWDD

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

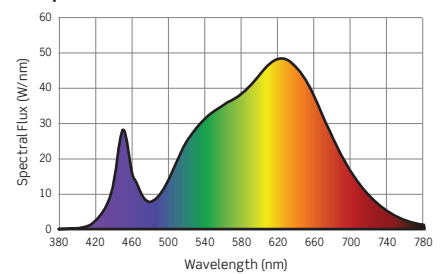
Intensity Distribution

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

DATE

PROJECT

TYPE

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

ALUMINUM REFLECTOR | MEDIUM

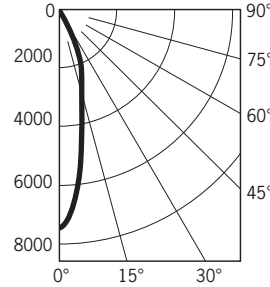
CTL943MEWDD

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

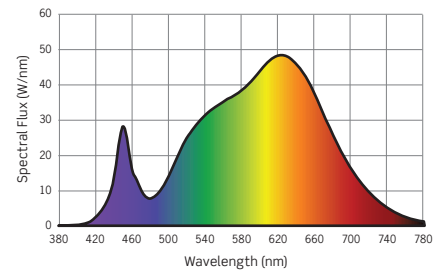
Intensity Distribution

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

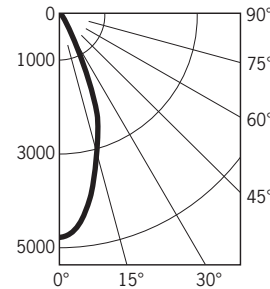
CTL943FLWDD

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

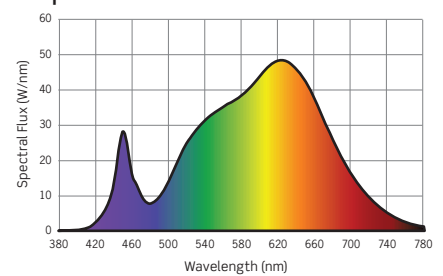
Intensity Distribution

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

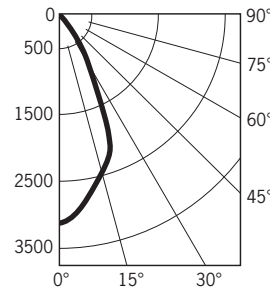
CTL943FWDD

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

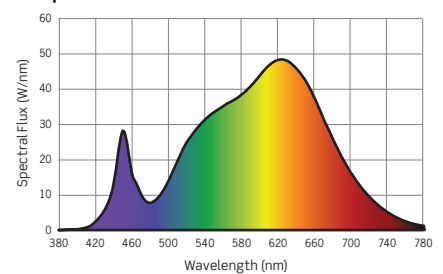
Intensity Distribution

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

DATE

PROJECT

TYPE

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

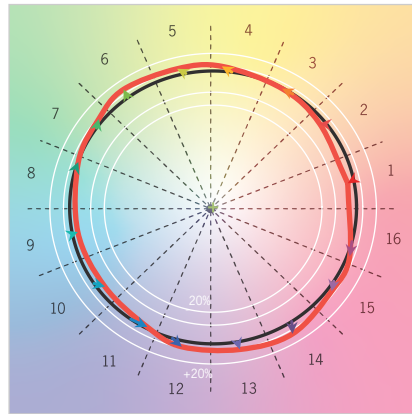
TM-30 DATA: CTL945ME3KD

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

Colors are for visual orientation purposes only

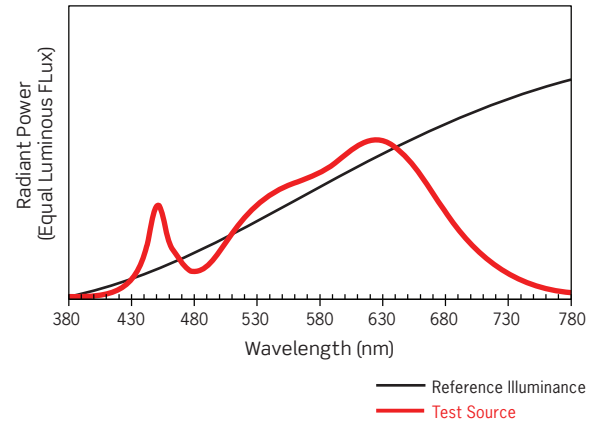
R_f	89
R_g	102
CCT(K)	3021K
D_{uv}	-0.0009
u^l	0.2502
v^l	0.5198

Color Vector Graphic

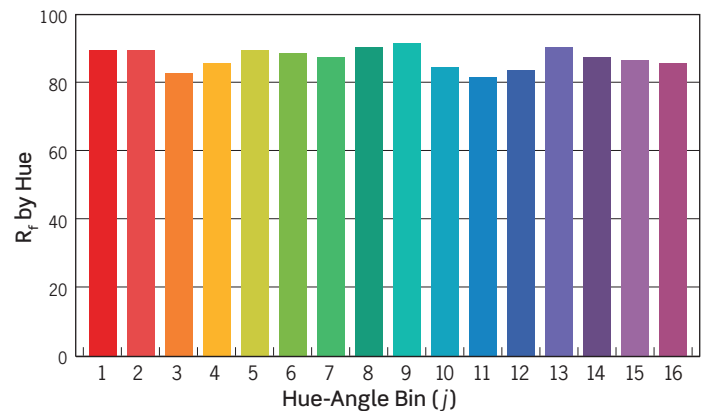
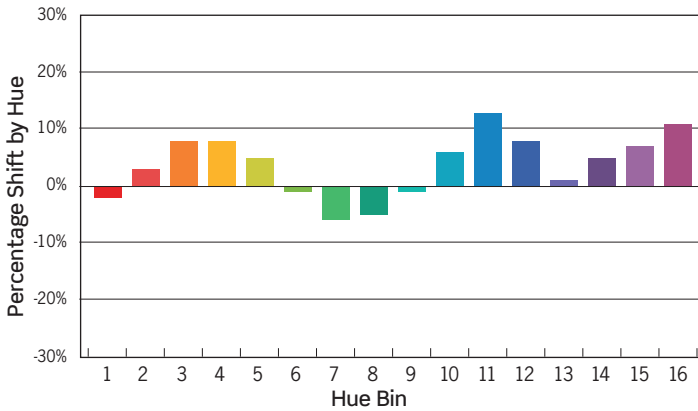


— Reference Illuminance — Test Source

Spectral Power Distribution Comparison



— Reference Illuminance
— Test Source



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