

DATE

PROJECT

TYPE

CTL17 | Linear Wall Lighter LED Track Luminaires

	CT171
WATTAGE	56W
LUMEN OUTPUT ¹	3531Lm
COLOR TEMPERATURE	2700K, 3000K, 3500K
CRI	83 (80min)
MOUNTING	Single Connector Swivel or Two Connector Fixed
SYSTEM RATING	50,000 Hours @ 70% Lumen Maintenance
DRIVER INPUT WATTAGE	56W
DRIVER INPUT VOLTAGE	120V VAC Dimming, 50/60Hz
DIMMING TYPE	Incandescent (Forward Phase) or Electronic Low Voltage (ELV)
COMPATIBILITY	CTL Units are compatible with ConTech Lighting LT/LT2 Single Circuit/Two Circuit Track Systems and Luxbeam Track Systems, as well as Juno ^{®2} Lighting Trac-Master [™] Systems HTL Units are compatible with Halo ³ Power-Trac and Lazer Track Systems LTL Units are compatible with Lightolier ⁴ Lytespan [®] Systems
LISTING	cCSAus Certified to UL standards on base models Suitable for dry locations
WARRANTY	Five (5) year replacement after date of purchase

1. Lumen values are approximate, see photometric test results

2. Juno is a registered trademark of Juno Lighting

3. Halo is a registered trademark of Cooper Lighting

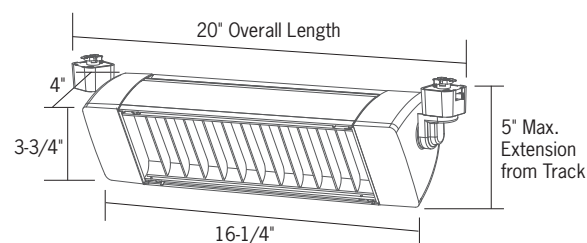
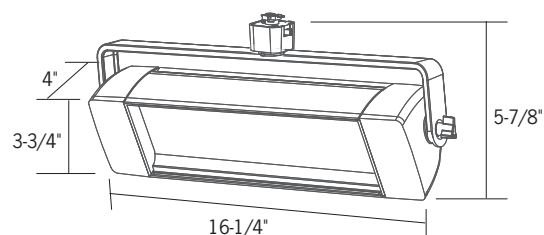
4. Lightolier is a registered trademark of Philips Lighting



Single Connector Swivel



Two Connector Fixed



Shown with optional louver accessory

Ordering Information

Example Order:

CTL171SM3D

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B

Track System	Luminaire	Mounting	Beam	Color Temp/CRI	Driver Option	Finish	Accessories
CTL - ConTech	171 - 56W	S - Swivel;	M - Medium	83 (80min) CRI	D - Dimming	B - Black	FA-42-B - Black
HTL - Halo	3531Lm	1 Connector		27 - 2700K		P - White	Snap-In Louver
LTL - Lightolier		F - Fixed;		3 - 3000K		S - Silver	FA-42-P - White
		2 Connectors		35 - 3500K			Snap-In Louver
							FA-42-S - Silver
							Snap-In Louver

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Product Details

Construction

- Extruded, finned aluminum housing with heat sink and cast aluminum end caps
- Specular reflector is constructed of 98% efficient Alanod, specifically designed for use with LEDs
- Solite Tempered Glass Lens for diffusion and blending the LEDs
- Two mounting options:
 - Swivel utilizes a single track connector and a heavy duty mounting yoke, providing 360° horizontal rotation and 180° vertical adjustment with locking adjustment knobs
 - Fixed utilizes two (2) track connectors that position the fixture close to the ceiling, and provide 180° vertical adjustment
- Integral ON/OFF switch and track polarity indicator are standard
- Optional louver provides excellent cutoff and glare control

Performance Summary

- High lumen output with excellent uniformity; well suited for any wall lighting application
- Select from 2700K, 3000K and 3500K color temperatures; CRI of 80 min., 83 typical
- Light Engine consists of a linear PCB with 22 CREE XT-E high brightness LEDs
- Excellent fixture-to-fixture color consistency with a 4-step MacAdam Ellipse tolerance
- Dimming is standard, allowing continuous illumination down to 10%; for dimmer compatibility for standard “D” driver option, see below

Fixture Compatibility

- Standard ConTech track luminaires (CTL Units) are cCSAus certified as-is for use with ConTech Lighting LT/LT2 Single Circuit/Two Circuit Track Systems and Luxbeam Track Systems, as well as Juno^{®1} Lighting Trac-Master™ Systems.
- By changing the prefix in the part number, ConTech can install inserts which make our fixtures compatible with other manufacturers. Replace “CTL” with “HTL” for Halo^{®2} Power-Trac and Lazer-Track systems, and “LTL” for Lightolier³ Lytespan™ systems. For more information, please consult factory.

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 3. Lightolier is a registered trademark of Philips Lighting

Dimming Specifications

Compatible with most Electronic Low Voltage and Triac (Incandescent) Dimmers

Electronic Low Voltage (ELV)

Leviton Illumatech
 Lutron Maestro
 Lutron NovaT
 Lutron Skylark

Triac (Incandescent)

Leviton Illumatech
 Leviton Sureslide
 Leviton Vizia
 Lutron Diva
 Lutron Skylark

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Photometrics: CTL171FM3D

For 40W data, multiply results by .77

Footcandles on Wall: Track 3 Feet From Wall, 10' Mounting Height, Tilted 40 Degrees ▲ is the beam center

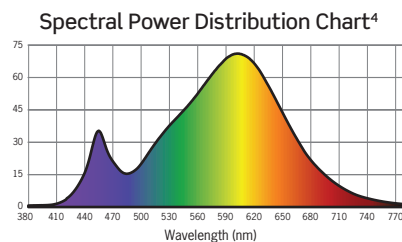
		Single Unit						Multiple Units								
		0'	1'	2'	3'	4'	5'	4' on Center			6' on Center			8' on Center		
		▲						▲		▲	▲		▲	▲		▲
Distance from Ceiling	1'	95	75	42	20	10	5	110	76	110	101	51	100	92	48	92
	2'	118	101	65	34	18	9	169	144	168	152	99	151	147	78	146
	3'	107	94	65	40	23	13	171	154	169	148	114	148	115	83	115
	4'	67	61	47	32	21	12	122	117	119	102	90	101	69	57	68
	5'	37	34	28	21	14	10	73	73	71	60	58	59	41	38	40
	6'	21	20	17	14	10	7	46	46	44	38	38	37	26	26	25
	7'	12	12	11	9	7	5	31	30	29	25	25	25	18	18	17
	8'	8	8	7	6	5	4	21	21	20	18	18	17	13	13	13
	9'	5	5	5	4	4	3	15	15	15	13	13	13	10	10	9

Footcandles on Wall: Track 4 Feet From Wall, 10' Mounting Height, Tilted 40 Degrees ▲ is the beam center

		Single Unit						Multiple Units								
		0'	1'	2'	3'	4'	5'	4' on Center			6' on Center			8' on Center		
		▲						▲		▲	▲		▲	▲		▲
Distance from Ceiling	1'	39	35	25	15	9	6	48	49	47	41	35	40	36	27	36
	2'	63	57	42	27	16	9	102	96	100	87	74	86	79	56	78
	3'	67	62	49	33	21	13	120	119	118	100	92	99	90	71	89
	4'	60	56	45	33	23	15	120	117	117	99	92	98	87	74	86
	5'	44	41	35	28	20	14	97	96	94	80	78	78	68	64	67
	6'	28	27	24	19	15	11	67	67	64	55	55	54	47	45	47
	7'	18	17	16	13	11	8	47	46	44	38	38	37	33	33	32
	8'	12	11	10	9	8	6	33	33	31	27	27	26	23	23	23
	9'	8	8	7	7	6	5	24	24	23	20	20	19	17	17	17

*All multiple layouts are based on five fixtures aimed at 40 degrees from nadir.

Fixture Delivered Lumens: 3531
 Total Watts@120V: 56.0
 Lumens Per Watt: 63
 Color Rendering Index (CRI)¹: 82
 Color Temperature (CCT)²: 3050K
 Designed for 50,000 Hour Lamp Life³



1. Accuracy of rendering colors 2. Color appearance of light source 3. Dependent on surrounding temperatures 4. Colors present within the light source