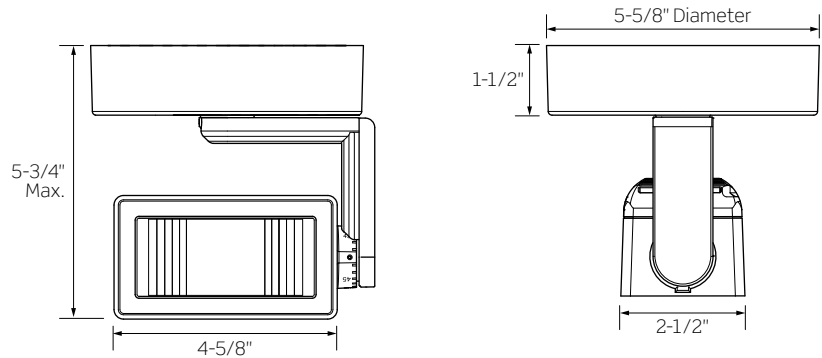


DATE

PROJECT

TYPE

# CTL19\*C SERIES | Mini Stealth Wall Lighter Mono-Point Canopy Mount Luminaire



	CTL190C	CTL191C	CTL192C	CTL193C
WATTAGE	14W	19W	28W	35W
LUMEN OUTPUT <sup>1</sup>	1571Lm	2213Lm	3128Lm	3703Lm
COLOR TEMPERATURE	2700K / 3000K / 3500K / 4000K			
CRI	83 (80min) / 90+			
DRIVER INPUT WATTAGE				
MVD Driver Option	14W	19W	28W	35W
MVD4 Driver Option	14W	19W	28W	N/A
DRIVER INPUT VOLTAGE				
MVD Driver Option	120V, 50/60Hz; Dimmable at 120V only			
MVD4 Driver Option	120V, 50/60Hz; Dimmable at 120V only			N/A
DIMMING TYPE	120V TRIAC, ELV and 0-10V			
MOUNTING	Ceiling or Wall			
LISTINGS	cCSAus Certified to UL Standards; Suitable for Dry Locations only ENERGY STAR® Certified DLC® Listed Declare Compliant			
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

# CTL19\*C SERIES | Mini Stealth Wall Lighter Mono-Point Canopy Mount Luminaire

## ORDERING INFORMATION

Example Order:  -

Luminaire	Orientation	Color Temp/CRI		Dimming Option	Finish
<b>CTL190</b> - 14W/1571Lm	<b>C</b> - Mono-Point Canopy	83 (80min) CRI	90+ CRI	<b>MVD</b> - 120-277V TRIAC, ELV, 0-10V <b>MVD4<sup>2</sup></b> - 120-277V Lutron Hi-lume 1% EcoSystem LED Driver with Soft-On, Fade-to-Black	<b>B</b> - Black <b>P</b> - White <b>S</b> - Silver
<b>CTL191</b> - 19W/2213Lm		<b>27</b> - 2700K	<b>27C</b> - 2700K		
<b>CTL192</b> - 28W/3128Lm		<b>3</b> - 3000K	<b>3C</b> - 3000K		
<b>CTL193</b> - 35W/3703Lm		<b>35</b> - 3500K	<b>35C</b> - 3500K		
		<b>4</b> - 4000K	<b>4C</b> - 4000K		

2. Lutron Hi-lume Dimming (MVD4 Option) is only available for Series 0 through 2 (14W through 28W); not available for use with Series 3 (35W)

For accessory ordering information, see page 3

## PRODUCT DETAILS

### Construction

- Cast and finned aluminum Heatsink thermally engineered to provide optimal heat dissipation, ensuring long life and consistent performance
- Mono-Point Canopy Housing is constructed of cast aluminum, may be ceiling or wall mounted
- Lockable, precision aiming adjustment: 360°+ aiming horizontal, 220° vertical rotation
- Can accept up to two (2) media by using the FA-59 Accessory Holder, FA-60 Snoot, FA-61 Visor or BD19 Barn Doors
- For accessory ordering information, see page 3
- Fixture weight: 3.5lbs

### Performance Summary

- 2700K, 3000K, 3500K and 4000K Color Temperatures; excellent fixture-to-fixture color consistency within a 3-step MacAdam Ellipse tolerance
- 80 CRI min., 83 typical; high 90+ CRI available
- Smooth, wide beam with excellent uniformity; well suited for any wall lighting application
- Dimming is available and allows smooth illumination down to 1% utilizing Lutron EcoSystem (MVD4) Driver option
- These Driver options are only available for Series 0 through 2 (14W through 28W); not available for use with Series 3 (35W)
- For Dimmer compatibility of the standard MVD Driver option, refer to Dimming Specification sheet

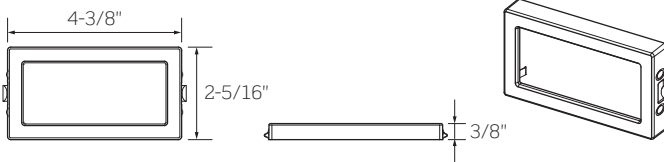


DATE

PROJECT

TYPE

# CTL19 SERIES | Mini Stealth Wall Lighter Accessories



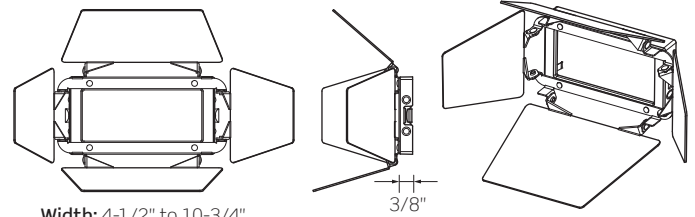
### Accessory Holder

Will accept up to two (2) LF59 Lenses or two (2) FA-62 Louvers.

**FA-59** - Accessory Holder

#### Finish

- B** - Black
- P** - White
- S** - Silver



Width: 4-1/2" to 10-3/4"  
Height: 3-1/2" to 9"

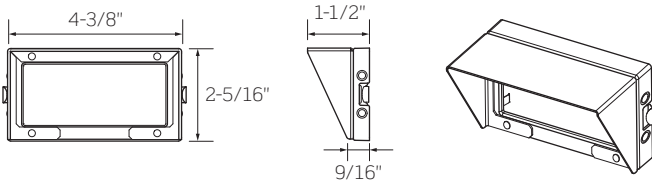
### Barn Doors

Barn Doors extend 3-inches max. from face of luminaire. Will accept up to two (2) LF59 Lenses or FA-62 Louvers.

**BD19** - Barn Doors

#### Finish

- B** - Black
- P** - White
- S** - Silver



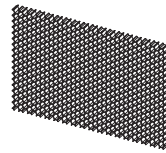
### Visor

Visor extends 1-9/16-inches from face of luminaire. Will accept up to two (2) LF59 Lenses or FA-62 Louvers. For White (-P) and Silver (-S) finishes, the inside surface is black.

**FA-61** - Visor

#### Finish

- B** - Black
- P** - White
- S** - Silver

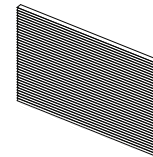


### Honeycomb Louver

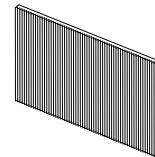
3-15/16" L x 2" H x 1/8" D

For glare control and lamp shielding. Black finish.

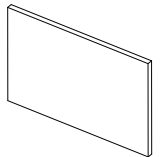
**FA-62** - Honeycomb Louver



Horizontal Linear Spread Lens (LSH)



Vertical Linear Spread Lens (LSV)

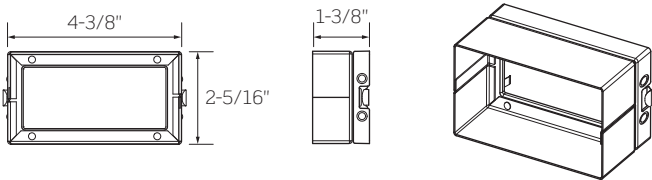


Standard Lens

### Tempered Glass Lenses

3-15/16" L x 2"H x 1/8" D

Requires Accessory Holder



### Snoot

Snoot extends 1-inch from face of luminaire. Will accept up to two (2) LF59 Lenses or FA-62 Louvers. For White (-P) and Silver (-S) finishes, the inside surface is black.

**FA-60** - Snoot

#### Finish

- B** - Black
- P** - White
- S** - Silver

**LF59**

#### Finish

- 73** - Spread Lens
- LSH** - Horizontal Linear Spread Lens  
*Elongates beams horizontally*
- LSV** - Vertical Linear Spread Lens  
*Elongates beams vertically*
- 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

DATE

PROJECT

TYPE

# CTL19 SERIES | Mini Stealth Wall Lighter Track Luminaires

## PHOTOMETRICS: CTL193V3D/CTL193H3D

**Footcandles on Wall: Track 3 Feet From Wall, 10 FT Mounting Height, Tilted 40 Degrees**

Distance from Ceiling	Single Unit						Multiple Units								
	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	4 FT on Center			6 FT on Center			8 FT on Center		
	▲						▲		▲	▲			▲		▲
1 FT	77	71	42	17.8	5.1	2	82	84	82	78	26	78	77	10	77
2 FT	140	127	76	33	14	5	154	152	154	141	66	141	140	28	140
3 FT	114	106	73	37	17	8	131	147	131	117	75	117	114	34	114
4 FT	73	69	54	33	17	9	90	107	90	77	66	77	73	34	73
5 FT	43	42	36	25	15	8	59	71	59	48	51	48	45	31	45
6 FT	26	26	23	18	13	8	39	46	39	31	36	31	28	25	28
7 FT	16	16	15	12	9	6	26	30	26	21	25	21	18	19	18
8 FT	11	10	10	9	7	4	17	20	17	14	17	14	12	13	12
9 FT	7	7	7	6	5	4	12	13	12	10	12	10	9	10	9

▲ is beam center

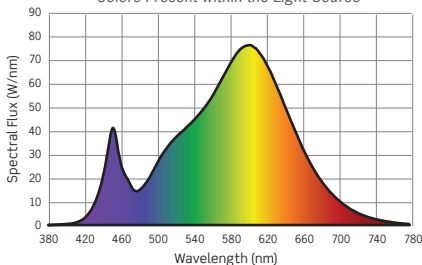
**Footcandles on Wall: Track 4 Feet From Wall, 10 FT Mounting Height, Tilted 40 Degrees**

Distance from Ceiling	Single Unit						Multiple Units								
	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	4 FT on Center			6 FT on Center			8 FT on Center		
	▲						▲		▲	▲			▲		▲
1 FT	36	35	27	16	8	3	43	54	43	37	32	37	36	15	36
2 FT	68	65	50	29	15	8	83	100	83	71	59	71	69	30	69
3 FT	77	74	59	38	20	10	97	118	97	83	75	83	78	40	78
4 FT	62	60	51	35	21	12	83	102	83	69	71	69	64	42	64
5 FT	45	43	39	29	19	12	64	77	64	52	58	52	47	38	47
6 FT	31	30	28	22	16	11	47	55	47	37	45	37	33	32	33
7 FT	21	20	19	17	13	9	34	39	34	27	33	27	24	26	24
8 FT	14	14	13	12	10	8	24	27	24	20	24	20	17	20	17
9 FT	10	10	10	9	8	6	18	19	18	15	17	15	13	15	13

▲ is beam center

**Spectral Power Distribution Chart**

Colors Present within the Light Source



Color Rendering Index (CRI): 82.5  
Accuracy of Rendering Colors

Color Temperature (CCT): 3105K  
Color Appearance of Light Source

Designed for 50,000 Hour Lamp Life Dependent on Surrounding Temperatures  
LM-79 Test: S20090401

LED SERIES	WATTAGE	TOTAL WATTS @ 120V	DELIVERED LUMENS	LM/W	LM-63 TEST
CTL190 - SERIES 0	14W	13.3W	1571.1Lm	118.4	G20090401
CTL191 - SERIES 1	19W	19.1W	2212.5Lm	116.1	G20090303
CTL192 - SERIES 2	28W	27.5W	3128.2Lm	113.6	G20030302
CTL193 - SERIES 3	35W	35.4W	3702.7Lm	104.6	G20090301

## PHOTOMETRIC MULTIPLICATION FACTORS

Lumen output values fluctuate based on wattage, CCT and CRI. To estimate lumen output of the various CCT/CRI options, multiply 3000K (80 CRI min) results by the following:

CCT MULTIPLIERS						OUTPUT MULTIPLIERS		
CCT	STD CRI	HIGH CRI	CCT	STD CRI	HIGH CRI	14W/SERIES 0	19W/SERIES 1	28W/SERIES 2
2700K	0.95	0.74	3500K	1.03	0.89	0.42	0.40	0.84
3000K	N/A	0.85	4000K	1.07	0.92			

DATE

PROJECT

TYPE

# CTL19 SERIES | Mini Stealth Wall Lighter Track Luminaires

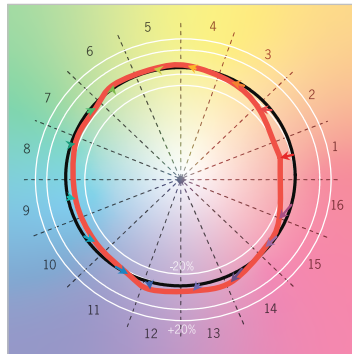
## PHOTOMETRICS

### TM-30 DATA: CTL193V3D/CTL193H3D

ANSI/IES TM-30-18 Color Rendition Report Test No. S21012902

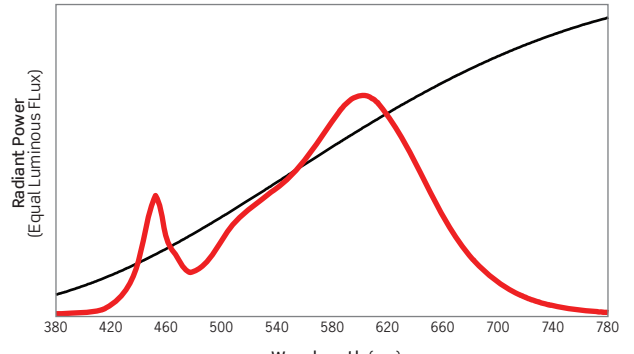
$R_f$	85
$R_g$	96
CCT(K)	3105K
$D_{uv}$	0.0008
$u^I$	0.2467
$v^I$	0.5204

Color Vector Graphic

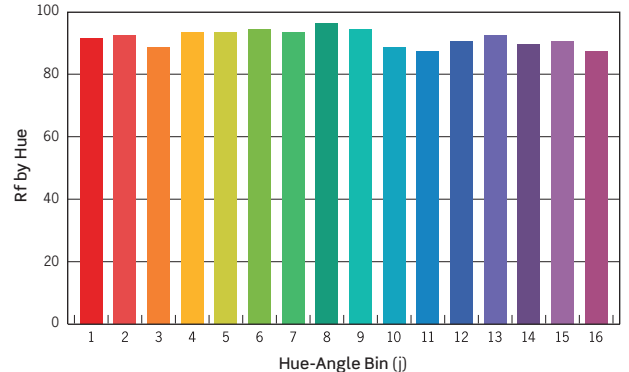
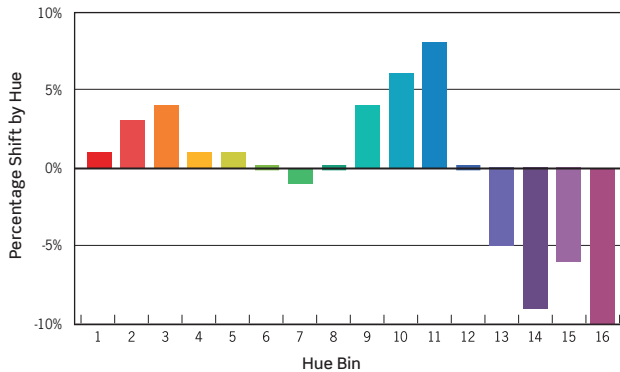


— Reference Illuminance  
— Test Source

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	0%	3%	5%	3%	3%	0%	-2%	-1%	2%	6%	8%	2%	-3%	-7%	-6%	-10%
R <sub>f</sub> VALUE	92	93	89	94	94	95	94	97	95	89	88	91	93	90	91	88

Colors are for visual orientation purposes only