

# TRACK HEAD CTM2 PENDANT

PROJECT NAME:	TYPE:
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Highlight art, objects, places, spaces, seating areas, and architectural details with a classic profile that offers easy-to-adjust, in-field versatility.

## ORDERING INFORMATION - TRACK HEAD



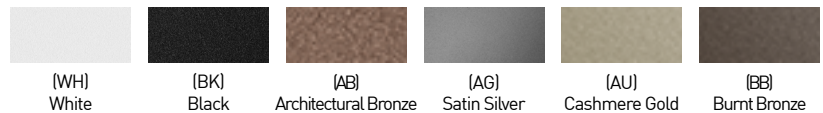
JA8-2022 COMPLIANCE INDICATED BY SHADING

CYLINDER	FIXTURE	LENGTH	RATING	BODY FINISH	BAFFLE FINISH	ADAPTER FINISH	CRI / WATTAGE PACKAGE	OCT	OPTIC (UGR)	DRIVER	MEDIA
CTM2	P		1							CE3	
CTM2 3.25"	P Pendant	<b>LENGTHS</b> XXXB Black Cable XXXW White Cable Specify cable length in whole inches (Max 180) e.g. specify 006B for a 6 inch black cable* Cable is field cuttable.	1 Dry	<b>POWDERCOAT</b> WH White BK Black AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze  <b>ALUMINA</b> 01 Brushed Obsidian 02 Matte Obsidian 03 Brushed Dark Patinated Bronze 04 Matte Dark Patinated Bronze 05 Brushed Aged Aluminum 06 Matte Aged Aluminum 07 Brushed Cast Brass 08 Matte Cast Brass 09 Brushed Light Patinated Bronze 10 Matte Light Patinated Bronze	<b>POWDERCOAT</b> WH White BK Black AB Architectural Bronze AG Satin Silver AU Cashmere Gold BB Burnt Bronze  <b>ALUMINA</b> CONSULT FACTORY FOR ALUMINA FINISHES	WH White BK Black	<b>STATIC WHITE</b> 80S11A 80+ CRI, 11 Watts Lumens Delivered - 1216 80S17A 80+ CRI, 17 Watts Lumens Delivered - 1843 90S11A 90+ CRI, 11 Watts Lumens Delivered - 1045 90S17A 90+ CRI, 17 Watts Lumens Delivered - 1583 97S11A 97+ CRI, 11 Watts Lumens Delivered - 918 97S17A 97+ CRI, 17 Watts Lumens Delivered - 1390  <b>WARM DIM</b> 90L17A 90+ CRI, 17 Watts Incandescent Profile Lumens Delivered - 1244 Halogen Profile Lumens Delivered - 1309  SEE PAGE 2 FOR DETAILED WARM DIM PROFILE COMPARISON.  LUMENS DELIVERED AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 20° OPTIC AND SOFT FOCUS LENS.	24 2400K* * (90+ CRI only) 27 2700K 30 3000K 35 3500K 40 4000K  WL 2700K - 1800K WD 3000K - 1800K	10 10° (<19) 15 15° (<13) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<16)  15 15° (<13) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (<13)	<b>INTEGRAL</b> CE3 Electronic 2% ELV / TRIAC 120V	<b>STANDARD MEDIA</b> 4 Soft Focus Lens* *(Required for 10° optic)  <b>ALTERNATE MEDIA</b> 2 Honeycomb Louver 3 Clear Glass Lens 5 Frosted Glass Lens 6 Frosted Soft Focus Lens 7 Frosted Linear Spread Lens S Soft Focus Lens w/ Honeycomb Louver F Frosted Glass Lens w/ Honeycomb Louver N No Lens

### ALUMINA FINISHES BY LUCIFER LIGHTING™



### POWDERCOAT FINISHES



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## ACCESSORIES

### ALTERNATE MEDIA

- HCL-CT2** Honeycomb Louver
- CGL-CT2** Clear Glass Lens
- SFL-CT2** Soft Focus Lens
- FGL-CT2** Frosted Glass Lens
- FSFL-CT2** Frosted Soft Focus Lens
- FLSL-CT2** Frosted Linear Spread Lens

### REPLACEMENT OPTICS

Interchangeable optics accessible by removing baffle.

#### Static White

- RO-70-15-S** 15° optic
- RO-70-20-S** 20° optic
- RO-70-25-S** 25° optic
- RO-70-40-S** 40° optic
- RO-70-60-S** 60° optic

#### Warm Dim

- RO-70-15-W** 15° optic
- RO-70-20-W** 20° optic
- RO-70-25-W** 25° optic
- RO-70-40-W** 40° optic
- RO-70-60-W** 60° optic

## PERFORMANCE - 3000K



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LUMEN PACKAGE	WATTAGE	10° OPTIC SOFT FOCUS LENS		15° OPTIC SOFT FOCUS LENS		20° OPTIC SOFT FOCUS LENS		25° OPTIC SOFT FOCUS LENS		40° OPTIC SOFT FOCUS LENS		60° OPTIC SOFT FOCUS LENS	
		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
		80S11A	11	613	55	1143	104	1216	111	1202	109	1124	102
80S17A	17	828	49	1750	103	1843	108	1823	107	1690	99	1440	85
90S11A	11	528	48	982	89	1045	95	1033	94	966	88	815	74
90S17A	17	714	42	1503	88	1583	91	1566	92	1452	85	1237	73
97S11A	11	456	41	862	78	918	83	907	82	848	77	716	65
97S17A	17	616	36	1320	78	1390	82	1375	81	1275	75	1086	64
90L17AL (2700K-1800K)	17	-	-	1249	73	1244	73	1229	72	1177	69	1046	62
90L17AD (3000K-1800K)	17	-	-	1314	77	1309	77	1293	76	1238	73	1100	65

### MEDIA LIGHT LOSS MULTIPLIER

MEDIA	LIGHT LOSS FACTOR
No Lens	1.05
CGL	0.97
SFL	1.00
FGL	0.85
FSFL	0.82
FLSL	0.78
WDL	0.00
HCL	0.75
SFL W/ HCL	0.68
FGL W/ HCL	0.47

### OUTPUT MULTIPLIER

CCT	CCT SCALE
2400K	0.85
2700K	0.97
3000K	1.000
3500K	1.03
4000K	1.08

### UNIFIED GLARE RATING

10° OPTIC SOFT FOCUS LENS	15° OPTIC SOFT FOCUS LENS	20° OPTIC SOFT FOCUS LENS	25° OPTIC SOFT FOCUS LENS	40° OPTIC SOFT FOCUS LENS	60° OPTIC SOFT FOCUS LENS
>19	<13	<10	<10	<10	<16

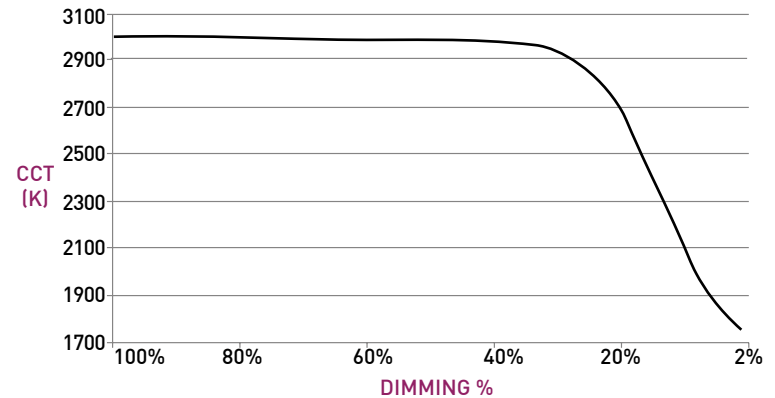
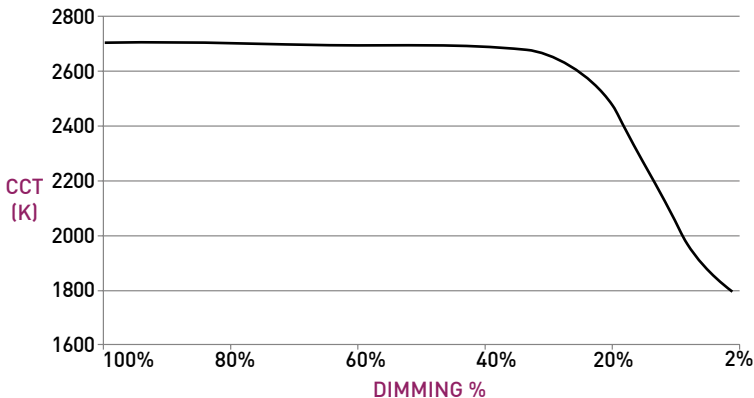
## WARM DIM PERFORMANCE - SOFT FOCUS LENS - 20° OPTIC

### INCANDESCENT PROFILE

90L17AWL 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2700	2700	2700	2700	2500	1950	1800
Light Output (Lm)	1244	995	871	622	249	124	25
Power (W)	17	8.8	7.7	5.5	2.2	1.1	0.2
Efficacy (LPW)	73	73	73	73	73	73	73

### HALOGEN PROFILE

90L17AWD 3000K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	3000	3000	3000	3000	3000	2150	1800
Light Output (Lm)	1309	1047	916	655	262	131	26
Power (W)	17	8.8	7.7	5.5	2.2	1.1	0.2
Efficacy (LPW)	77	77	77	77	77	77	77



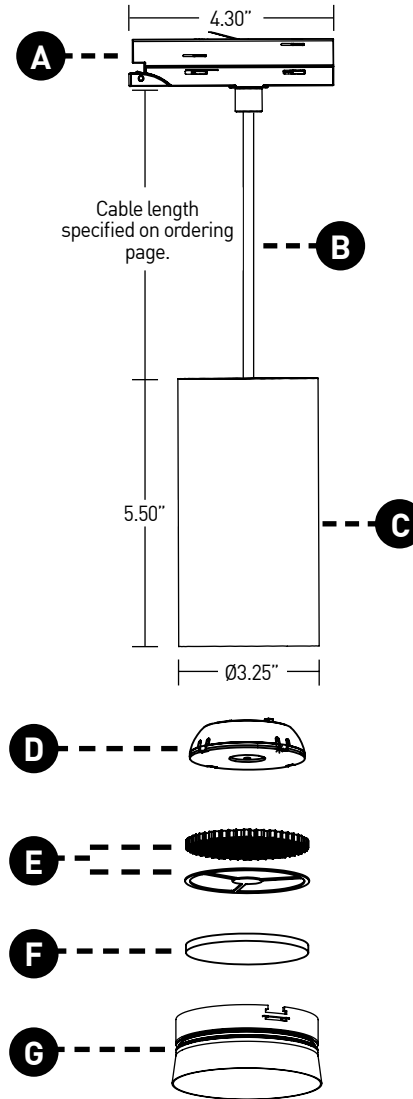
NOTE: LIN-TO-LIN 0-10V PAIRING NOT COMPATIBLE WITH WARM DIM.

# TRACK HEAD CTM2 PENDANT

## TRACK HEAD

- A TRACK ADAPTER**  
Proprietary asymmetric track adapter; compatible with Lucifer Lighting track only. Available in Black and White finishes to match track systems.
- B CABLE**  
Black and white cables available; up to 180.0" length; cable is field cuttable. Cable will need to be straightened upon completion of installation for optimal aesthetics.
- C BODY**  
Power supply integrated into fixture body. Available in powdercoat and Alumina finishes.
- D OPTICS**  
Robust light engine with optimized optic pairing integrates Reflection, Refraction, and TIR offering 10°, 15°, 20°, 25°, 40° & 60° beams.
- E 10° FIELD REDUCER**  
Provided with 10° optic, includes honeycomb louver. Reduces field angle by 30%.
- F MEDIA**  
Soft Focus Lens standard. Wet location media sealed in place.
- G BAFFLE**  
Accepts 2 media devices. Baffle minimizes aperture glare and conceals view into fixture. Powdercoat finishes standard, consult factory for Alumina finishes.

## DIMENSIONS / DRAWINGS



# TRACK HEAD CTM2 PENDANT

## TECHNICAL

### CONSTRUCTION

**Track Head:** Machined aluminum body; painted finishes are granulated powder coat; Alumina finishes are anodized aluminum.

### STATIC WHITE LED

2-step MacAdam ellipse LED module available in 80+, 90+ and 97+ CRI configurations in color temperatures of 2700K, 3000K, 3500K and 4000K. 3-step MacAdam ellipse LED module available in 90+ CRI configuration in color temperature of 2400K. Average rated lamp life of 50,000 hours.

### WARM DIM LED

3-step MacAdam ellipse warm dim LED module available in 90+ CRI configuration. 3000K or 2700K at full brightness, warming to 1800K at full dim. Average rated lamp life of 50,000 hours.

### POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

Power Supply	CE3
Minimum °C	-20 °C
Maximum °C	40 °C
Dimming %	2.0%

### MOUNTING

Cylinder track head mounts to recessed, surface or pendant mount track assemblies, specified separately.

### LISTING

Listed to UL1574 standard for Dry locations. JA8-2022 Title 24 listed. NEMA 410 compliant.

### DECLARE

LBC Red List Approved.

### LIMITED WARRANTY

Manufacturer's Limited Warranty guarantees product(s) listed to be free from defects in material and workmanship under normal use and service for 1-year. LED and power supplies are warranted to operate with 70% of original flux and remain within a range of 3 duv for a period of 5-years. Warranty period begins from the date of shipment by Seller. [Consult website for full warranty terms and conditions.](#)

### CHANGE LOG

- 05/12/2023: ADDED LBC RED LIST APPROVED.
- 08/08/2023: ADDED NEW LED AND OPTIC SYSTEM.
- 02/08/2024: ADDED 2400K OFFERING.
- 03/18/2024: UPDATED 10 DEGREE NARROW BEAM TO UTILIZE FIELD REDUCER.
- 09/19/2024: UPDATED WITH NEW BAFFLE DESIGN.
- 11/14/2024: ADDED ADDITIONAL POWDERCOAT FINISHES.
- 05/07/2025: UPDATED WARM DIM OFFERING.

