

# TRACK HEAD CTM2 PENDANT

|               |       |
|---------------|-------|
| PROJECT NAME: | TYPE: |
|---------------|-------|



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><br>XXXB Black Cable<br>XXXW White Cable<br>Specify cable length in whole inches (Max 180) e.g. specify 006B for a 6 inch black cable*<br>Cable is field cuttable. | 1 Dry  | <b>POWDERCOAT</b><br>WH White<br>BK Black<br><b>ALUMINA</b><br>01 Brushed Obsidian<br>02 Matte Obsidian<br>03 Brushed Dark Patinated Bronze<br>04 Matte Dark Patinated Bronze<br>05 Brushed Aged Aluminum<br>06 Matte Aged Aluminum<br>07 Brushed Cast Brass<br>08 Matte Cast Brass<br>09 Brushed Light Patinated Bronze<br>10 Matte Light Patinated Bronze | <b>POWDERCOAT</b><br>WH White<br>BK Black<br><b>ALUMINA</b><br>CONSULT FACTORY FOR ALUMINA FINISHES | WH White<br>BK Black | <b>STATIC WHITE</b><br>80S11A 80+ CRI, 11 Watts Lumens Delivered - 1216<br>80S17A 80+ CRI, 17 Watts Lumens Delivered - 1843<br>90S11A 90+ CRI, 11 Watts Lumens Delivered - 1045<br>90S17A 90+ CRI, 17 Watts Lumens Delivered - 1583<br>97S11A 97+ CRI, 11 Watts Lumens Delivered - 918<br>97S17A 97+ CRI, 17 Watts Lumens Delivered - 1390<br><b>WARM DIM</b><br>90W18A 90+ CRI, 18 Watts Incandescent Profile Lumens Delivered - 1140<br>Halogen Profile Lumens Delivered - 1128<br>SEE PAGE 2 FOR DETAILED WARM DIM PROFILE COMPARISON.<br>LUMENS DELIVERED AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 20° OPTIC AND SOFT FOCUS LENS. | 24 2400K*<br>* (90+ CRI only)<br>27 2700K<br>30 3000K<br>35 3500K<br>40 4000K<br>WL 2700K - 1800K<br>WD 3000K - 1800K | 10 10° (<19)<br>15 15° (<13)<br>20 20° (<10)<br>25 25° (<10)<br>40 40° (<10)<br>60 60° (<16)<br>20 20° (<10)<br>25 25° (<10)<br>40 40° (<10)<br>60 60° (<13) | <b>INTEGRAL</b><br>CE3 Electronic 2% ELV / TRIAC 120V | <b>STANDARD MEDIA</b><br>4 Soft Focus Lens<br>0 No Lens*<br>*(Standard with 10° optic, not available for Warm Dim)<br><b>ALTERNATE MEDIA</b><br>2 Honeycomb Louver*<br>*(Not available with Warm Dim)<br>3 Clear Glass Lens*<br>*(Not available with Warm Dim)<br>5 Frosted Glass Lens<br>6 Frosted Soft Focus Lens<br>7 Frosted Linear Spread Lens<br>S Soft Focus Lens w/ Honeycomb Louver<br>F Frosted Glass Lens w/ Honeycomb Louver |

### ALUMINA FINISHES BY LUCIFER LIGHTING™



### POWDERCOAT FINISHES



### PART NUMBER NOTES

- CTM2 ships as e.g., CTM2P048W1WHBK90S11A3040CE34W



# TRACK HEAD CTM2 PENDANT

## ACCESSORIES

### ALTERNATE MEDIA

- HCL-CT2** Honeycomb Louver\*  
\*(Not available for Warm Dim)
- CGL-CT2** Clear Glass Lens\*  
\*(Not available for Warm Dim)
- SFL-CT2** Soft Focus Lens
- FGL-CT2** Frosted Glass Lens
- FSFL-CT2** Frosted Soft Focus Lens
- FLSL-CT2** Frosted Linear Spread Lens

### SECOND MEDIA GASKET

Replaces standard gasket when installing second media. Not required if two media are specified with fixture.

- 2EDG-CT2** Two Media Gasket

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

## PERFORMANCE - 3000K



JA8-2022 INDICATED BY SHADING

| LUMEN PACKAGE            | WATTAGE | 10° OPTIC          |     | 15° OPTIC       |     | 20° OPTIC       |     | 25° OPTIC       |     | 40° OPTIC       |     | 60° OPTIC       |     |
|--------------------------|---------|--------------------|-----|-----------------|-----|-----------------|-----|-----------------|-----|-----------------|-----|-----------------|-----|
|                          |         | NO SOFT FOCUS LENS |     | SOFT FOCUS LENS |     |
|                          |         | DELIVERED          | LPW | DELIVERED       | LPW | DELIVERED       | LPW | DELIVERED       | LPW | DELIVERED       | LPW | DELIVERED       | LPW |
| 80S11A                   | 11      | 1022               | 93  | 1143            | 104 | 1216            | 111 | 1202            | 109 | 1124            | 102 | 949             | 86  |
| 80S17A                   | 17      | 1382               | 81  | 1750            | 103 | 1843            | 108 | 1823            | 107 | 1690            | 99  | 1440            | 85  |
| 90S11A                   | 11      | 881                | 80  | 982             | 89  | 1045            | 95  | 1033            | 94  | 966             | 88  | 815             | 74  |
| 90S17A                   | 17      | 1191               | 70  | 1503            | 88  | 1583            | 91  | 1566            | 92  | 1452            | 85  | 1237            | 73  |
| 97S11A                   | 11      | 760                | 69  | 862             | 78  | 918             | 83  | 907             | 82  | 848             | 77  | 716             | 65  |
| 97S17A                   | 17      | 1028               | 60  | 1320            | 78  | 1390            | 82  | 1375            | 81  | 1275            | 75  | 1086            | 64  |
| 90W18AL<br>(2700K-1800K) | 18      | -                  | -   | -               | -   | 1140            | 63  | 1128            | 63  | 1044            | 58  | 915             | 51  |
| 90W18AD<br>(3000K-1800K) | 18      | -                  | -   | -               | -   | 1128            | 63  | 1126            | 63  | 1063            | 59  | 926             | 51  |

### 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      |

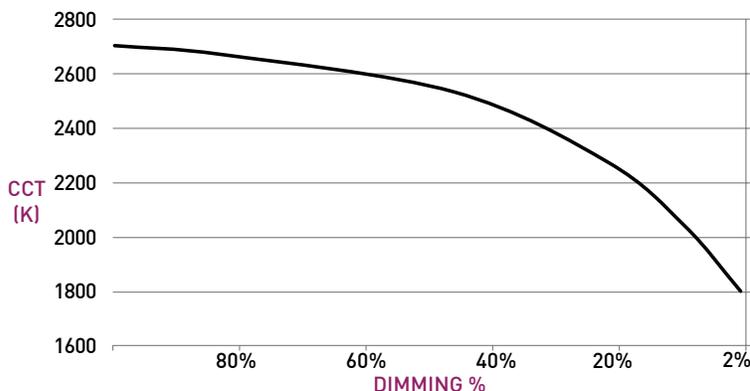
### UNIFIED GLARE RATING

| 10° OPTIC<br>NO LENS | 15° OPTIC<br>SOFT FOCUS LENS | 20° OPTIC<br>SOFT FOCUS LENS | 25° OPTIC<br>SOFT FOCUS LENS | 40° OPTIC<br>SOFT FOCUS LENS | 60° OPTIC<br>SOFT FOCUS LENS |
|----------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| >19                  | <13                          | <10                          | <10                          | <10                          | <16                          |

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

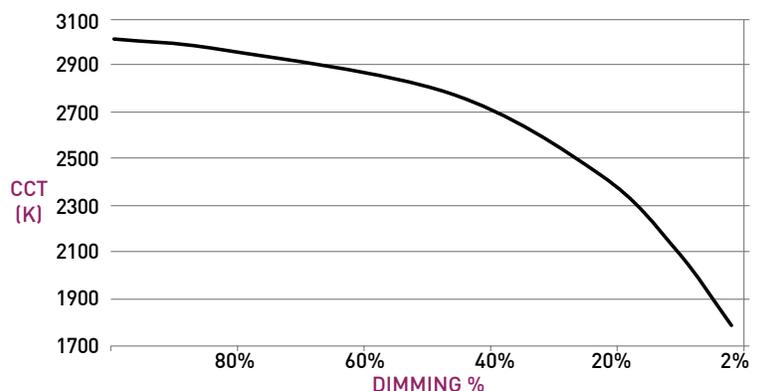
### INCANDESCENT DIMMING PROFILE

| 90W18AL<br>2700K - 1800K | Full on<br>100% | Dimmed<br>to 80% | Dimmed<br>to 70% | Dimmed<br>to 50% | Dimmed<br>to 20% | Dimmed<br>to 10% | Dimmed<br>to 2% |
|--------------------------|-----------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| CCT (K)                  | 2700            | 2650             | 2620             | 2520             | 2180             | 1950             | 1800            |
| Light Output (Lm)        | 1128            | 902              | 790              | 564              | 226              | 113              | 23              |
| Power (W)                | 18              | 14.4             | 12.6             | 9                | 3.6              | 1.8              | 0.36            |
| Efficacy (LPW)           | 63              | 63               | 63               | 63               | 63               | 63               | 63              |



### HALOGEN WARM DIM PROFILE

| 90W18AD<br>3000K - 1800K | Full on<br>100% | Dimmed<br>to 80% | Dimmed<br>to 70% | Dimmed<br>to 50% | Dimmed<br>to 20% | Dimmed<br>to 10% | Dimmed<br>to 2% |
|--------------------------|-----------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| CCT (K)                  | 3000            | 2950             | 2920             | 2775             | 2375             | 2000             | 1800            |
| Light Output (Lm)        | 1140            | 912              | 798              | 570              | 228              | 114              | 23              |
| Power (W)                | 18              | 14.4             | 12.6             | 9                | 3.6              | 1.8              | 0.36            |
| Efficacy (LPW)           | 62              | 62               | 62               | 62               | 62               | 62               | 62              |

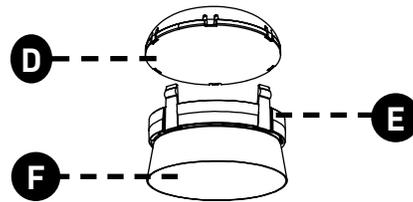
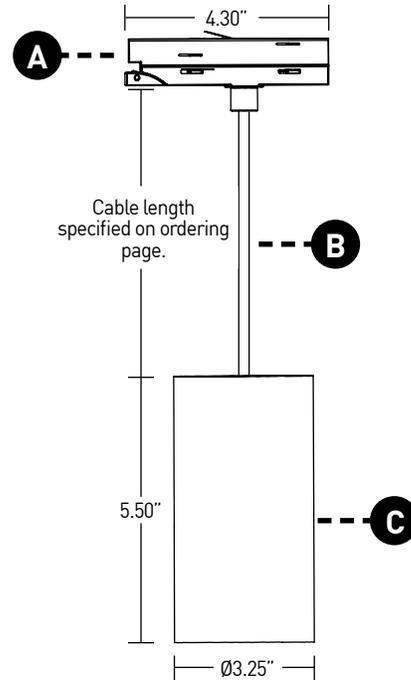


# TRACK HEAD CTM2 PENDANT

## 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 MEDIA**  
Track Head accepts 2 media; Soft Focus Lens standard.
- F BAFFLE**  
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.