

TRACK HEAD CTM1 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



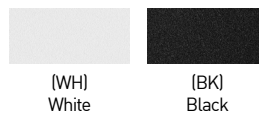
JA8-2022 COMPLIANCE INDICATED BY SHADING

| CYLINDER | FIXTURE | LENGTH | RATING | BODY FINISH | BAFFLE FINISH | ADAPTER FINISH | CRI / WATTAGE PACKAGE | CCT | OPTIC (UGR) | DRIVER | MEDIA |
|-------------|-----------|--|----------|---|---|------------------------------------|---|--|--|--|--|
| CTM1 | P | | 1 | | | | | | | CE3 | |
| CTM1 2.60" | P Pendant | LENGTHS 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 | POWDERCOAT WH White BK Black ALUMINA 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 | POWDERCOAT WH White BK Black ALUMINA CONSULT FACTORY FOR ALUMINA FINISHES | WH White BK Black | STATIC WHITE 80S11A 80+ CRI, 11 Watts Lumens Delivered - 1095 90S11A 90+ CRI, 11 Watts Lumens Delivered - 941 97S11A 97+ CRI, 11 Watts Lumens Delivered - 826 WARM DIM 90W11A 90+ CRI, 11 Watts Incandescent Profile Lumens Delivered - 654 Halogen Profile Lumens Delivered - 658 SEE PAGE 2 FOR WARM DIM PROFILE COMPARISON. | 24 2400K* * (90+ CRI only) 27 2700K 30 3000K 35 3500K 40 4000K WL 2600K - 1800K WD 2900K - 1800K | 10 10° (>19) 15 15° (<14) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (>19) 20 20° (<10) 25 25° (<10) 40 40° (<10) 60 60° (>19) | INTEGRAL CE3 Electronic 3% ELV / TRIAC 120V | STANDARD MEDIA 4 Soft Focus Lens* *(Required for 10° optic) ALTERNATE MEDIA 2 Honeycomb Louver* *(Not available for Warm Dim) 3 Clear Glass Lens* *(Not available for Warm Dim) 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* *(Not available for Warm Dim) |

ALUMINA FINISHES BY LUCIFER LIGHTING™



POWDERCOAT FINISHES



PART NUMBER NOTES

- CTM1 ships as e.g., CTM1P048W1WHBK90S11A3040CE34W



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ACCESSORIES

ALTERNATE MEDIA

- HCL-CT1** Honeycomb Louver
- CGL-CT1** Clear Glass Lens
- SFL-CT1** Soft Focus Lens
- FGL-CT1** Frosted Glass Lens
- FSFL-CT1** Frosted Soft Focus Lens
- FLSL-CT1** Frosted Linear Spread Lens

REPLACEMENT OPTICS

Interchangeable optics accessible by removing baffle.

Static White

- RO-50-15-S** 15° optic
- RO-50-20-S** 20° optic
- RO-50-25-S** 25° optic
- RO-50-40-S** 40° optic
- RO-50-60-S** 60° optic

Warm Dim

- RO-50-20-W** 20° optic
- RO-50-25-W** 25° optic
- RO-50-40-W** 40° optic
- RO-50-60-W** 60° optic

STATIC WHITE PERFORMANCE - 3000K - SOFT FOCUS LENS



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| LUMEN PACKAGE | WATTAGE | 10° OPTIC | | 15° OPTIC | | 20° OPTIC | | 25° OPTIC | | 40° OPTIC | | 60° OPTIC | |
|-----------------------|---------|--------------------|-----|-----------------|-----|-----------------|-----|-----------------|-----|-----------------|-----|-----------------|-----|
| | | NO SOFT FOCUS LENS | | SOFT FOCUS LENS | | SOFT FOCUS LENS | | SOFT FOCUS LENS | | SOFT FOCUS LENS | | SOFT FOCUS LENS | |
| | | DELIVERED | LPW | DELIVERED | LPW | DELIVERED | LPW | DELIVERED | LPW | DELIVERED | LPW | DELIVERED | LPW |
| 80S11A | 11 | 454 | 41 | 991 | 90 | 1093 | 99 | 1095 | 100 | 1019 | 93 | 1145 | 104 |
| 90S11A | 11 | 391 | 35 | 851 | 86 | 939 | 95 | 941 | 96 | 875 | 89 | 984 | 100 |
| 97S11A | 11 | 337 | 30 | 747 | 68 | 824 | 75 | 826 | 75 | 768 | 70 | 864 | 79 |
| 90W11AL (2600K-1800K) | 11 | - | - | - | - | 667 | 60 | 654 | 59 | 605 | 54 | 635 | 58 |
| 90W11AD (2900K-1800K) | 11 | - | - | - | - | 661 | 60 | 658 | 59 | 600 | 54 | 640 | 58 |

MEDIA LIGHT LOSS FACTOR

| MEDIA | LIGHT LOSS FACTOR |
|------------|-------------------|
| No Lens | 1.05 |
| CGL | 0.96 |
| SFL | 1.00 |
| FGL | 0.90 |
| FSFL | 0.84 |
| FLSL | 0.58 |
| WDL | 0.15 |
| HCL | 0.71 |
| SFL W/ HCL | 0.68 |
| FGL W/ HCL | 0.51 |

UNIFIED GLARE RATING

| 10° OPTIC NO 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 | <16 | <10 | <10 | <10 | <16 |

OUTPUT MULTIPLIER

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

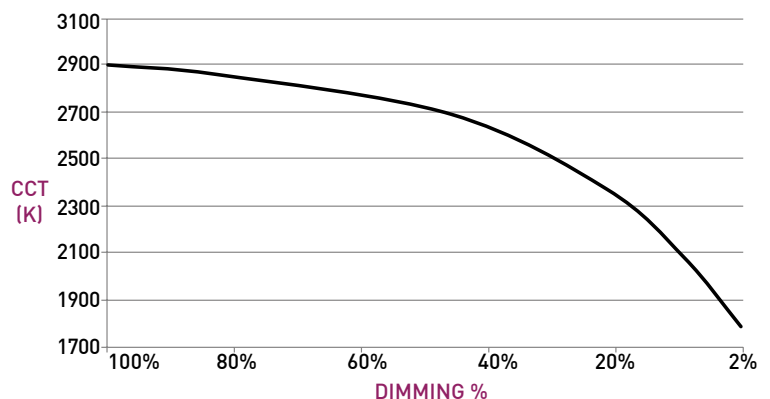
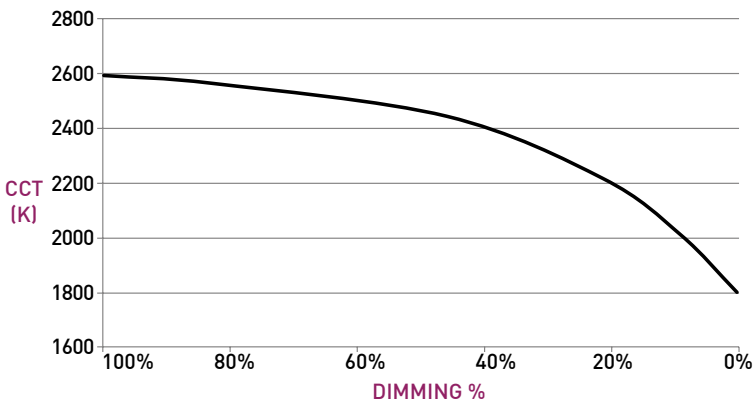
WARM DIM PERFORMANCE - SOFT FOCUS LENS - 25° OPTIC

INCANDESCENT DIMMING PROFILE

| 90W11AL 2600K - 1800K | Full on 100% | Dimmed to 80% | Dimmed to 70% | Dimmed to 50% | Dimmed to 20% | Dimmed to 10% | Dimmed to 2% |
|-----------------------|--------------|---------------|---------------|---------------|---------------|---------------|--------------|
| CCT (K) | 2600 | 2550 | 2520 | 2450 | 2200 | 1925 | 1800 |
| Light Output (Lm) | 654 | 523 | 457 | 327 | 130 | 65 | 13 |
| Power (W) | 11 | 8.8 | 7.7 | 5.5 | 2.2 | 1.1 | .22 |
| Efficacy (LPW) | 59 | 59 | 59 | 59 | 59 | 59 | 59 |

HALOGEN WARM DIM PROFILE

| 90W11AD 2900K - 1800K | Full on 100% | Dimmed to 80% | Dimmed to 70% | Dimmed to 50% | Dimmed to 20% | Dimmed to 10% | Dimmed to 2% |
|-----------------------|--------------|---------------|---------------|---------------|---------------|---------------|--------------|
| CCT (K) | 2900 | 2850 | 2800 | 2720 | 2350 | 1975 | 1800 |
| Light Output (Lm) | 658 | 526 | 460 | 329 | 131 | 65 | 13 |
| Power (W) | 11 | 8.8 | 7.7 | 5.5 | 2.2 | 1.1 | .22 |
| Efficacy (LPW) | 59 | 59 | 59 | 59 | 59 | 59 | 59 |

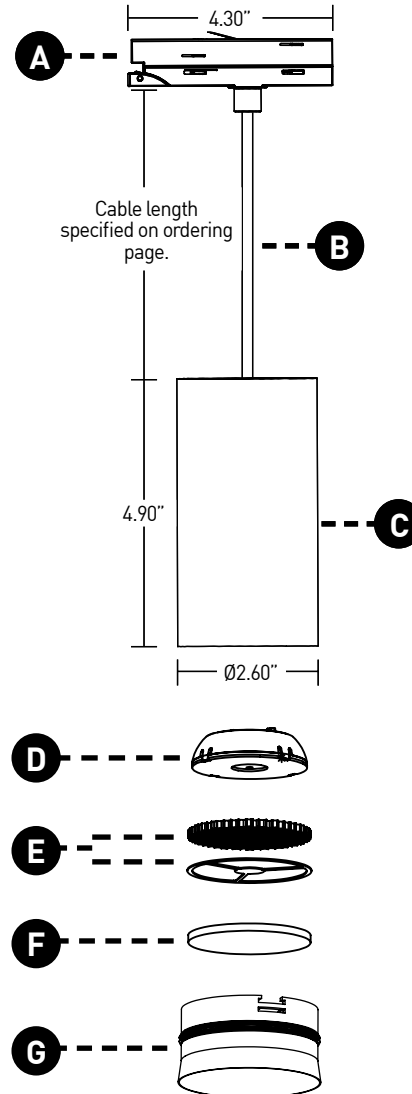


TRACK HEAD CTM1 PENDANT

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 CTM1 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. 2900K or 2600K 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 % | 3.0% |

MOUNTING

Cylinder track head mounts to Lucifer Lighting Company 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 AND WARM DIM OFFERINGS.
- 03/18/2024: UPDATED 10 DEGREE NARROW BEAM TO UTILIZE FIELD REDUCER.
- 09/19/2024: UPDATED WITH NEW BAFFLE DESIGN.



Declare.

LUCIFER[®]
LIGHTING COMPANY

luciferlighting.com

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As part of its policy of continuous research and product development, the company reserves the right to change or withdraw specifications without prior notice.

[PH] +1-210-227-7329 pgCTM1P4
[FAX] +1-210-227-4967