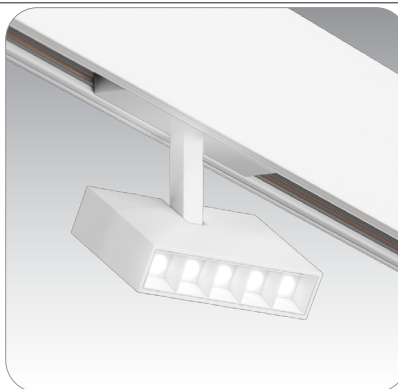




Project \_\_\_\_\_  
Type \_\_\_\_\_  
Notes \_\_\_\_\_

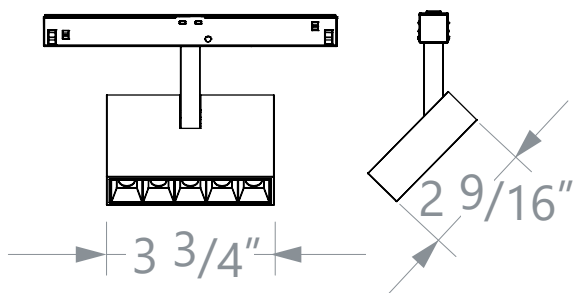


### SPECIFICATIONS TABLE

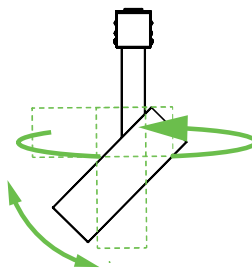
|                                          |                   |
|------------------------------------------|-------------------|
| <b>AXISTRAK™ TOTAL POWER PER SEGMENT</b> | 60 W              |
| <b>UNIT POWER CONSUMPTION</b>            | 7.5 W             |
| <b>NOMINAL WEIGHT</b>                    | 0.5 lbp / 0.23 kg |

Please specify location of spotlights on system configuration drawing.

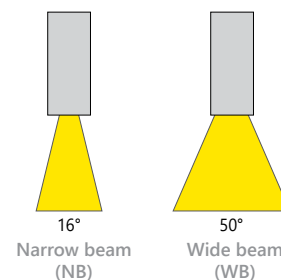
### SIDE VIEW



### TILT



### BEAM SPREADS



## Ordering Guide

| TDCP                         |                      |             | 600       | 90                                           |                      |               |  |
|------------------------------|----------------------|-------------|-----------|----------------------------------------------|----------------------|---------------|--|
| PRODUCT ID                   | BEAM ANGLE           | NOM. LUMENS | CRI       | COLOR TEMP.                                  | HOUSING FINISH       | MOUNTING      |  |
| TDCP Constellation projector | NB narrow<br>WB wide | 600 600 lm  | 90 90 CRI | 27 2700K<br>30 3000K<br>35 3500K<br>40 4000K | BLK black<br>W white | AXT AxisTrak™ |  |

### CONTROLS

- DP integral driver 0-10V dimming (1%) - wired\*
- DALIDT6 integral driver DALI 2.0 Type 6 - wired\*\*
- EP integral driver for Empower wireless with integral sensor / control module\*\*\*

\* Available with multicircuit wiring.

\*\* Must use IMWD controls option with SFF framework, and DALIDT6CV(6) controls option with AxisTrak insert.

\*\*\* Must use IMWEP controls option with SFF framework, and EPCV(6) controls option with AxisTrak insert.

Patent number: 11,118,765

Product design and development is an ongoing process at Axis Lighting. We reserve the right to change specifications. Contact Axis for the latest product information.

### CONSTRUCTION

|                 |                                                |
|-----------------|------------------------------------------------|
| <b>Housing</b>  | Extruded aluminum (0.070" nominal)             |
| <b>End Cap</b>  | Die-cast aluminum                              |
| <b>Lens</b>     | Extruded acrylic                               |
| <b>Mounting</b> | Rotating track mount with the integral driver. |

### LED SYSTEM

|                           |                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>CRI</b>                | Minimum 90 color rendering index                                                                                              |
| <b>CCT</b>                | 3000K color temperature with a great color consistency (within 3-step MacAdam ellipse).                                       |
| <b>LED life</b>           | Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements. |
| <b>Thermal Management</b> | Aluminum housing acting as the heat sink to maximize life.                                                                    |

### ELECTRICAL

|                |                                                                                           |
|----------------|-------------------------------------------------------------------------------------------|
| <b>DP</b>      | Integral 0-10v 1% dimming low voltage driver (48V)                                        |
| <b>DALIDT6</b> | Integral Dali 2.0 D4i type 6 low voltage driver (48V)                                     |
| <b>EP</b>      | Integral Dali 2.0 D4i interface to connect to wireless/sensor node on the AxisTrack (48V) |

**i** Incorporating these components may have limitations or affect the length of the luminaire, please contact factory for more details.

### FINISH

Powder coated matte black or white.

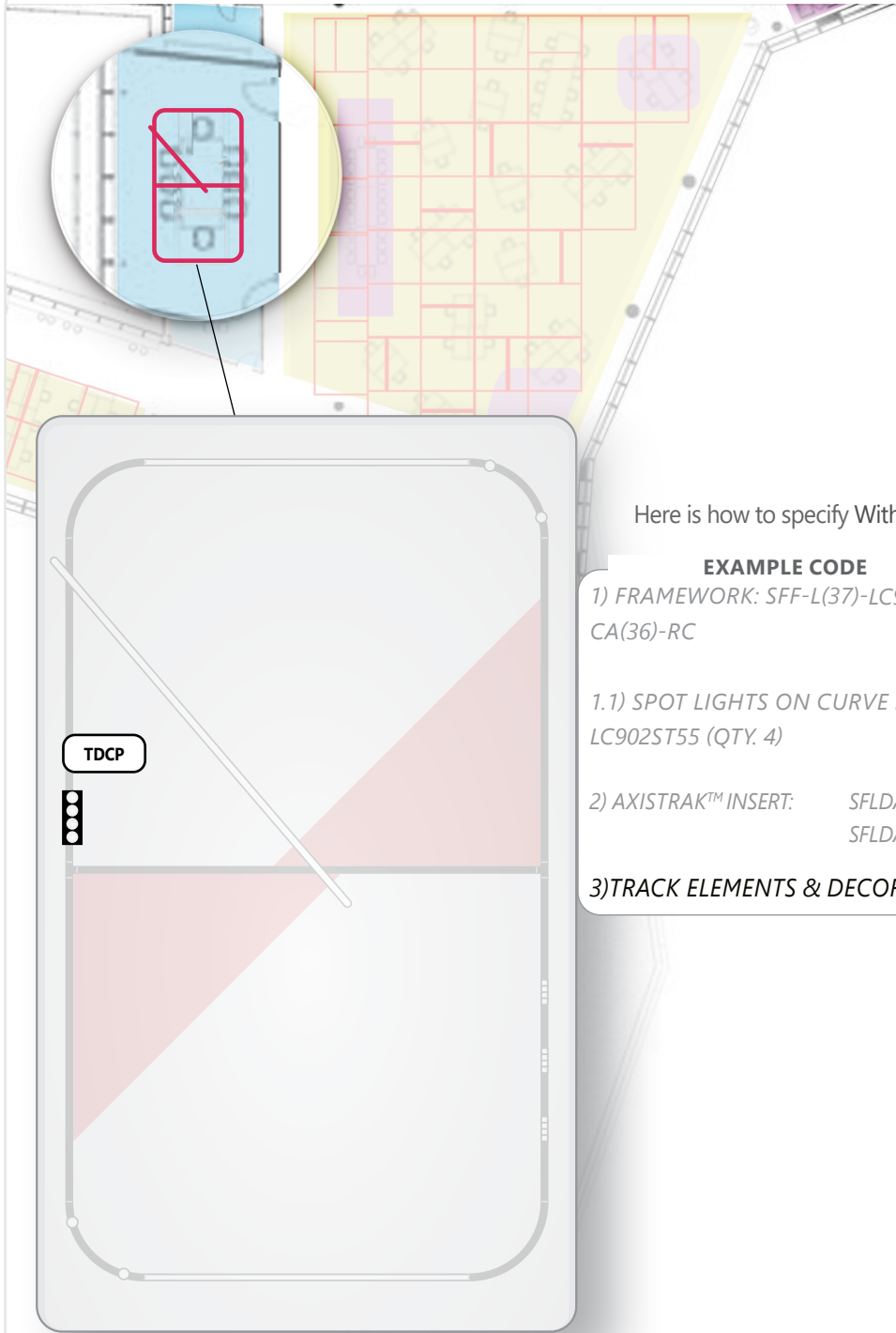
### APPROVALS

Certified to cULus standards.   
All Decoratives, Pendants, and Spotlights certified under UL2108.

### WARRANTY

Limited 5-year warranty is available. Warranty is valid provided luminaires are installed and used according to specifications. For full terms and conditions, please consult warranty section at [axislighting.com](https://axislighting.com).

SPECIFICATION EXAMPLE

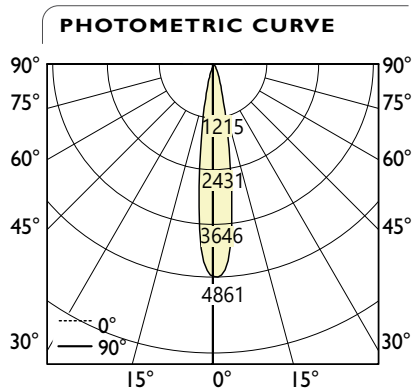


Here is how to specify Within an AxisTrak™

EXAMPLE CODE

- 1) FRAMEWORK: *SFF-L(37)-LC90(2)+LC902ST55(2)+T90(2)-BLK-120-IMW-1-CA(36)-RC*
- 1.1) SPOT LIGHTS ON CURVE SEGMENT: *TDST55-MB-1600-90-35-BLK-LC902ST55 (QTY. 4)*
- 2) AXISTRAK™ INSERT: *SFLDAXT-5-120-DPCV-BLK*  
*SFLDAXT-7-120-DPCV-BLK*
- 3) TRACK ELEMENTS & DECORATIVES: *TDCP-WB-600-90-30-BLK-AXT-DP*

### ● PHOTOMETRIC DATA - Narrow beam



| Vertical Angle | Horizontal Angles |      |      |
|----------------|-------------------|------|------|
|                | 0                 | 45   | 90   |
| 0              | 4850              | 4850 | 4850 |
| 5              | 4315              | 4430 | 4186 |
| 15             | 867               | 859  | 750  |
| 25             | 155               | 150  | 122  |
| 35             | 20                | 31   | 13   |
| 45             | 5                 | 7    | 4    |
| 55             | 0                 | 5    | 0    |
| 65             | 0                 | 0    | 0    |
| 75             | 0                 | 0    | 0    |
| 85             | 0                 | 0    | 0    |
| 90             | 0                 | 0    | 0    |

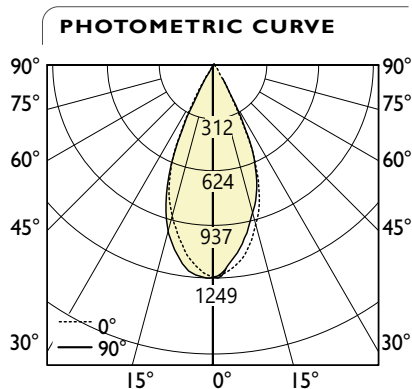
| Zone  | Lumens |
|-------|--------|
|       |        |
| 0     |        |
| 0-10  | 303    |
| 10-20 | 219    |
| 20-30 | 67     |
| 30-40 | 15     |
| 40-50 | 5      |
| 50-60 | 3      |
| 60-70 |        |
| 70-80 |        |
| 80-90 |        |
| 90    |        |

| Vertical Angle | Horizontal Angles |     |     |
|----------------|-------------------|-----|-----|
|                | 0                 | 45  | 90  |
| 45             | 526               | 854 | 957 |
| 55             | 36                | 601 | 39  |
| 65             | 4                 | 6   | 4   |
| 75             | 1                 | 0   | 5   |
| 85             | 1                 | 0   | 7   |

**Total Lumens: 612 lm**  
**Input Watts: 7.5 W**  
**Efficacy: 82 lm/W**

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.  
 IES FILE: TDCP-NB-600-90-30.IES  
 TESTED ACCORDING TO IES LM-79-2008

### ● PHOTOMETRIC DATA - Wide beam



| Vertical Angle | Horizontal Angles |      |      |
|----------------|-------------------|------|------|
|                | 0                 | 45   | 90   |
| 0              | 1242              | 1242 | 1242 |
| 5              | 1198              | 1155 | 1155 |
| 15             | 957               | 879  | 886  |
| 25             | 471               | 478  | 482  |
| 35             | 13                | 20   | 19   |
| 45             | 1                 | 1    | 1    |
| 55             | 0                 | 0    | 0    |
| 65             | 0                 | 0    | 0    |
| 75             | 0                 | 0    | 0    |
| 85             | 0                 | 0    | 0    |
| 90             | 0                 | 0    | 0    |

| Zone  | Lumens |
|-------|--------|
|       |        |
| 0     |        |
| 0-10  | 111    |
| 10-20 | 264    |
| 20-30 | 211    |
| 30-40 | 22     |
| 40-50 | 1      |
| 50-60 |        |
| 60-70 |        |
| 70-80 |        |
| 80-90 |        |
| 90    |        |

| Vertical Angle | Horizontal Angles |    |     |
|----------------|-------------------|----|-----|
|                | 0                 | 45 | 90  |
| 45             | 77                | 96 | 179 |
| 55             | 4                 | 22 | 18  |
| 65             | 2                 | 0  | 4   |
| 75             | 1                 | 0  | 0   |
| 85             | 1                 | 0  | 0   |

**Total Lumens: 619 lm**  
**Input Watts: 7.5 W**  
**Efficacy: 81 lm/W**

80 CRI shown. For 90 CRI, divide wattage by 0.8 and multiply efficacy by 0.8.  
 IES FILE: TDCP-WB-600-90-30.IES  
 TESTED ACCORDING TO IES LM-79-2008

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)