



## Series Spec Sheet

# BLOOM

## LED TRACK HEAD

5 CCT and 3 Power selectable

BLOOM is ideal for accent and display lighting. It is the ultimate solution for both residential and commercial spaces. Designed for flexibility and performance, BLOOM delivers high lumen output with exceptional color accuracy, ensuring your lighting always looks its best. Available in 5 CCT (2 700/3 000/3 500/4 000/5 000 K) and 3 power selectable, BLOOM adapts effortlessly to any environment, reducing inventory while maximizing versatility. Fully compatible with [STJ Stanpro tracks](#) and [accessories](#), BLOOM is the best solution for modern lighting.

## FEATURES AND SPECIFICATIONS

### • Construction

#### Physical Characteristics

- Die cast aluminum housing with integrated heat sink
- Heavy duty scratch resistant powder coated
- Available in textured white and black
- 38° beam angle standard
- 18/25° additional lens included (10/20/30 W model)
- 25/60° additional lens included (30/40/50 W model)
- Clear polycarbonate lens

#### Mounting

- Compatible with Stanpro [STJ Tracks](#)
- Compatible with Stanpro [track accessories](#)
- Compatible with J style adaptor

### • Performance data

- Available in 2 700/3 000/3 500/4 000/5 000 K selectable color temperature
- 3 power selectable
- 90+ CRI for true color accuracy
- Electrical ratings: 120 V
- Estimated life of over 50 000 hours to L70
- Phase cut (ELV / Triac) dimming standard
- Operating temperature: -30 °C to 45 °C (-22 °F to 113 °F)

### • Compliances

- cETLus listed for dry locations
- Meets requirements of ICES-005 issue 5 class B for use in residential applications



power  
selectable



quick  
ship



dry  
location



LED  
fixture



ICES  
005

## OVERVIEW

|                       |                                |
|-----------------------|--------------------------------|
| Light source          | LED                            |
| Watts (W)             | 10/20/30<br>30/40/50           |
| Lumen output (lm)     | 826-4 366                      |
| Efficacy (lm/W)       | 72-93                          |
| Color temperature (K) | 2 700/3 000/3 500/4 000/ 5 000 |
| CRI                   | 90+                            |

## QUICK SHIP AND TECHNICAL SPECIFICATION TABLE ☎

| Order code | Model number     | Watts<br>(W) | Volts<br>(VAC) | Color temp.<br>(K) <sup>1</sup> | Lumen output<br>(lm) <sup>2</sup> | Efficiency<br>(lm/W) | CRI | Life L70<br>(hrs) <sup>3</sup> | Beam angle<br>(°) | Finish | Power factor | THD<br>(%) | Master case qty |
|------------|------------------|--------------|----------------|---------------------------------|-----------------------------------|----------------------|-----|--------------------------------|-------------------|--------|--------------|------------|-----------------|
| 70407      | TLB-PS30-AJ-5CWH | 10/20/30     | 120            | 2 700/3 000/3 500/4 000/5 000   | 780/1 580/2 450                   | 80                   | 90+ | 50 000                         | 38 (18/25)        | White  | >0.9         | <20        | 12              |
| 70408      | TLB-PS30-AJ-5CBK | 10/20/30     | 120            | 2 700/3 000/3 500/4 000/5 000   | 780/1 580/2 450                   | 80                   | 90+ | 50 000                         | 38 (18/25)        | Black  | >0.9         | <20        | 12              |
| 70409      | TLB-PS50-AJ-5CWH | 30/40/50     | 120            | 2 700/3 000/3 500/4 000/5 000   | 2 100/3 100/4 100                 | 80                   | 90+ | 50 000                         | 38 (25/60)        | White  | >0.9         | <20        | 12              |
| 70410      | TLB-PS50-AJ-5CBK | 30/40/50     | 120            | 2 700/3 000/3 500/4 000/5 000   | 2 100/3 100/4 100                 | 80                   | 90+ | 50 000                         | 38 (25/60)        | Black  | >0.9         | <20        | 12              |

<sup>1</sup> Typical color temperature range: +/- 5 %.

<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

<sup>3</sup> Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

## LUMEN SPECIFICATION TABLE

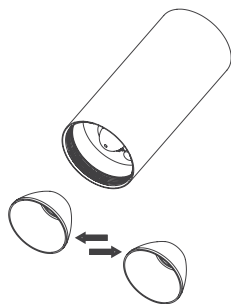
| Order code | Model number     | 2 700 K      |                      |                    | 3 000 K      |                      |                    | 3 500 K      |                      |                    | 4 000 K      |                      |                    | 5 000 K      |                      |                    |
|------------|------------------|--------------|----------------------|--------------------|--------------|----------------------|--------------------|--------------|----------------------|--------------------|--------------|----------------------|--------------------|--------------|----------------------|--------------------|
|            |                  | Watts<br>(W) | Lumen output<br>(lm) | Efficacy<br>(lm/W) | Watts<br>(W) | Lumen output<br>(lm) | Efficacy<br>(lm/W) | Watts<br>(W) | Lumen output<br>(lm) | Efficacy<br>(lm/W) | Watts<br>(W) | Lumen output<br>(lm) | Efficacy<br>(lm/W) | Watts<br>(W) | Lumen output<br>(lm) | Efficacy<br>(lm/W) |
| 70407      | TLB-PS30-AJ-5CWH | 10.36        | 826.49               | 79.78              | 10.41        | 869.22               | 83.50              | 10.50        | 924.43               | 88.04              | 10.45        | 942.87               | 90.23              | 10.36        | 957.10               | 92.38              |
|            |                  | 19.97        | 1 516.96             | 75.96              | 20.07        | 1 598.63             | 79.65              | 20.37        | 1 748.36             | 85.83              | 20.18        | 1 778.51             | 88.13              | 19.93        | 1 762.98             | 88.46              |
|            |                  | 28.90        | 2 101.65             | 72.72              | 29.23        | 2 221.97             | 76.02              | 29.73        | 2 483.18             | 83.52              | 29.42        | 2 512.95             | 85.42              | 28.88        | 2 450.12             | 84.84              |
| 70408      | TLB-PS30-AJ-5CBK | 10.36        | 826.49               | 79.78              | 10.41        | 869.22               | 83.50              | 10.50        | 924.43               | 88.04              | 10.45        | 942.87               | 90.23              | 10.36        | 957.10               | 92.38              |
|            |                  | 19.97        | 1 516.96             | 75.96              | 20.07        | 1 598.63             | 79.65              | 20.37        | 1 748.36             | 85.83              | 20.18        | 1 778.51             | 88.13              | 19.93        | 1 762.98             | 88.46              |
|            |                  | 28.90        | 2 101.65             | 72.72              | 29.23        | 2 221.97             | 76.02              | 29.73        | 2 483.18             | 83.52              | 29.42        | 2 512.95             | 85.42              | 28.88        | 2 450.12             | 84.84              |
| 70409      | TLB-PS50-AJ-5CWH | 30.42        | 2 540.05             | 83.50              | 30.76        | 2 698.81             | 87.74              | 31.14        | 2 848.35             | 91.47              | 30.54        | 2 857.54             | 93.57              | 29.96        | 2 773.85             | 92.59              |
|            |                  | 39.34        | 3 194.26             | 81.20              | 39.83        | 3 410.99             | 85.64              | 40.46        | 3 630.15             | 89.72              | 39.47        | 3 608.47             | 91.42              | 38.58        | 3 513.18             | 91.06              |
|            |                  | 47.22        | 3 775.00             | 79.95              | 48.71        | 4 071.47             | 83.59              | 49.01        | 4 366.02             | 89.08              | 48.12        | 4 291.07             | 89.17              | 46.95        | 4 130.20             | 87.97              |
| 70410      | TLB-PS50-AJ-5CBK | 30.42        | 2 540.05             | 83.50              | 30.76        | 2 698.81             | 87.74              | 31.14        | 2 848.35             | 91.47              | 30.54        | 2 857.54             | 93.57              | 29.96        | 2 773.85             | 92.59              |
|            |                  | 39.34        | 3 194.26             | 81.20              | 39.83        | 3 410.99             | 85.64              | 40.46        | 3 630.15             | 89.72              | 39.47        | 3 608.47             | 91.42              | 38.58        | 3 513.18             | 91.06              |
|            |                  | 47.22        | 3 775.00             | 79.95              | 48.71        | 4 071.47             | 83.59              | 49.01        | 4 366.02             | 89.08              | 48.12        | 4 291.07             | 89.17              | 46.95        | 4 130.20             | 87.97              |

## DEFAULT PROGRAMMING

70407, 70408: 10 W/2 700 K

70409, 70410: 30 W/2 700 K

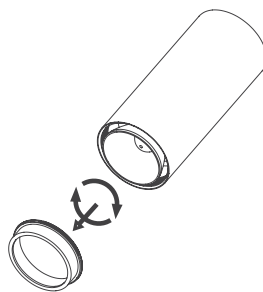
## INCLUDED IN THE BOX



## Optional Interchangeable Beams

70407, 70408: 18/25° (10/20/30 W model)

70409, 70410: 25/60° (30/40/50 W model)

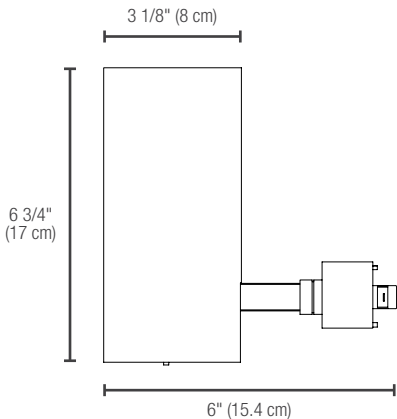


## Trim Remove Tool

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

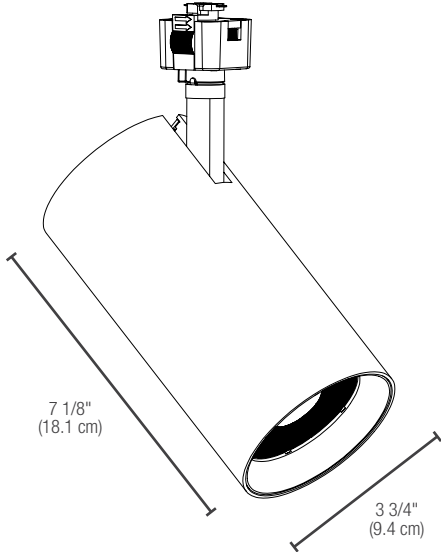
**DIMENSIONS AND WEIGHT**

**70407/70408**



|                  | 70407/70408 | 70409/70410 |
|------------------|-------------|-------------|
| Net weight (lbs) | 1.9         | 2.6         |

**70409/70410**



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