# T900.H Curve LED track light

## Datasheet



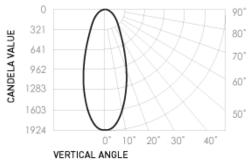
### **TRU-COLOUR**<sub>®</sub>

#### Product codes

<b>Unit:</b> T900.H	Base type: E3 H1	Series: CR	Colour temp.: 1.8K.3.1K 2.7K 2.8K.5.8K(SMART) 3K 4K	Beam angle (°): 27 45 55	<b>Colour:</b> B (Black) W (White)	Driver Type: PHASE (PHASE) DALI (DALI) ZIGBEE (ZIGBEE 3.0) CASAMBI (CASAMBI)
			5K			

#### **Photometrics**

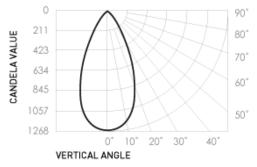
#### Standard Products



Source lumen output: 1415lm Delivered lumen: 920lm Efficacy: 56lm/W

Colour temp.: 4000K Beam angle:  $45^{\circ}$ 

**CRI:** 97

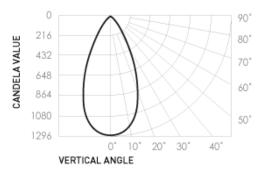


Source lumen output: 1385lm Delivered lumen: 900lm Efficacy: 55lm/W

Colour temp.: 3000K Beam angle: 55°

CRI: 97

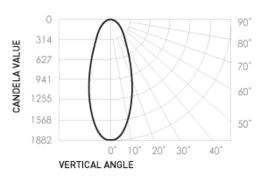




Source lumen output: 1415lm Delivered lumen: 920lm

Efficacy: 56lm/W Colour temp.: 4000K Beam angle: 55°

**CRI:** 97



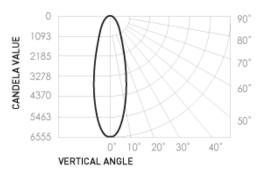
Source lumen output: 1385lm Delivered lumen: 900lm

Efficacy: 55lm/W Colour temp.: 3000K Beam angle: 45°

**CRI:** 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps Standard Deviation of colour matching (SDCM): 2MacAdams Steps

#### Special Order Products

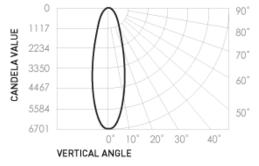


Source lumen output: 1385lm Delivered lumen: 900lm Efficacy: 55lm/W

Colour temp.: 3000K

Beam angle: 27 (Special Order)°

**CRI:** 97



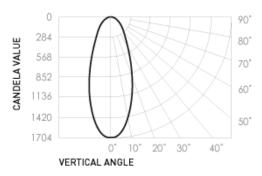
Source lumen output: 1415lm Delivered lumen: 920lm

Efficacy: 56lm/W Colour temp.: 4000K

Beam angle: 27 (Special Order)°

**CRI:** 97





Source lumen output: 1255lm Delivered lumen: 815lm Efficacy: 49lm/W

Colour temp.: 1.8K-3.1K (Night Shift) (Special Order)

Beam angle: 45°

**CRI:** 97



183

366

549

733

916

1099

CANDELA VALUE

Colour temp.: 1.8K-3.1K (Night Shift) (Special Order)

20° 30 90°

80°

70°

60°

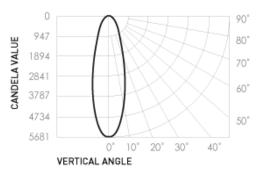
50°

40°

Beam angle: 55°

**CRI:** 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps Standard Deviation of colour matching (SDCM): 2MacAdams Steps



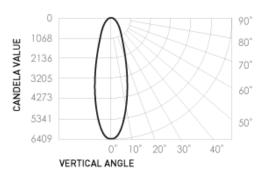


Colour temp.: 1.8K-3.1K (Night Shift) (Special Order)

**CRI:** 97

Beam angle: 27 (Special Order)°

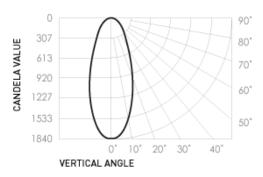
Standard Deviation of colour matching (SDCM): 2MacAdams Steps Standard Deviation of colour matching (SDCM): 2MacAdams Steps



Source lumen output: 1355lm Delivered lumen: 880lm Efficacy: 53lm/W

Colour temp.: 2700K (Special Order) Beam angle: 27 (Special Order)°

**CRI:** 97



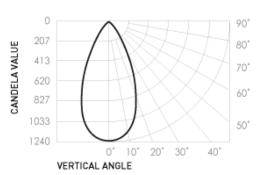
Source lumen output: 1355lm Delivered lumen: 880lm

Efficacy: 53lm/W

Colour temp.: 2700K (Special Order)

Beam angle: 45°

**CRI:** 97



Source lumen output: 1355lm Delivered lumen: 880lm

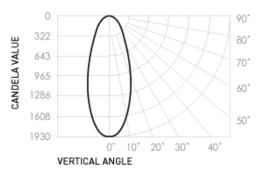
Efficacy: 53lm/W

Colour temp.: 2700K (Special Order)

Beam angle: 55°

**CRI:** 97





Source lumen output: 1420lm Delivered lumen: 925lm

Efficacy: 56lm/W

Colour temp.: 2.8K - 5.8K (Dayshift)(Special Order)

Beam angle: 45°

**CRI:** 97

Source lumen output: 1420lm Delivered lumen: 925lm Efficacy: 56lm/W

VERTICAL ANGLE

0

217

433

650

867 1083

1300

CANDELA VALUE

Colour temp.: 2.8K - 5.8K (Dayshift)(Special Order)

10° 20° 30° 90°

80°

70°

60°

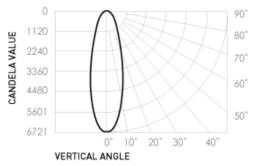
50°

40

Beam angle: 55°

**CRI:** 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps Standard Deviation of colour matching (SDCM): 2MacAdams Steps

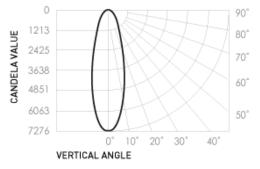


Source lumen output: 1420lm Delivered lumen: 925lm Efficacy: 56lm/W

Beam angle: 27 (Special Order)°

**CRI:** 97

Colour temp.: 2.8K - 5.8K (Dayshift)(Special Order)

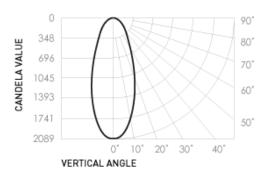


Source lumen output: 1540lm Delivered lumen: 1000lm Efficacy: 61lm/W

Colour temp.: 5000K (Special Order) Beam angle: 27 (Special Order)°

**CRI:** 97

Standard Deviation of colour matching (SDCM): 2MacAdams Steps Standard Deviation of colour matching (SDCM): 2MacAdams Steps



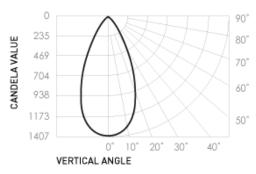
Source lumen output: 1540lm Delivered lumen: 1000lm

Efficacy: 61lm/W

Colour temp.: 5000K (Special Order)

Beam angle: 45°

**CRI:** 97



Source lumen output: 1540lm Delivered lumen: 1000lm

Efficacy: 61lm/W

Colour temp.: 5000K (Special Order)

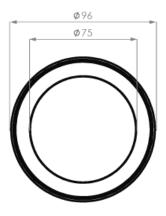
Beam angle: 55°

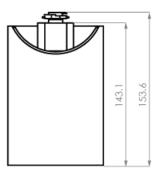
**CRI:** 97



Front view







#### Electrical

Input voltage: 220-240V

Power usage: 16.5W

Driver power factor:

>0.9

IP rating:

Surge protection: 3100V

Dimmable:

Driver:

Yes DRV900S:350-13

BG-018SMART-500mA-ROUND-DS

## Operational

Operating temp.: -30 to 81°C

Average temp.:

Ambient temp.: -28 to 70°C

Lifetime L70, B10: 70,000 hrs (@TA25)

**Source Lumens:** 1415lm or 1255lm or 1385lm or 1420lm or 1540lm or 1355lm

SDCM:

2MacAdam Steps

#### Physical

Weight: 700q

Gimbal angle: 90°/360°

**Warranty:** 7 years

**Type:** H-Track or Eurotrack Version: 1.5

#### Compatibility

#### **Recommended Dimmers:**

Compatible with leading home automation systems and dimmers.
Recommended Dimmers:
Universal, Trailing Edge, Leading Edge.
Dali option available on request.

Dayshift CCT (2.8K-5.8K) requires a ZIGBEE or DALI driver.

\*For more details please refer to: https://brightgreen.com/digital-driver All systems are unique, please call 1300 672 499 for advice on your installation.

#### Brightgreen Smart Lighting:

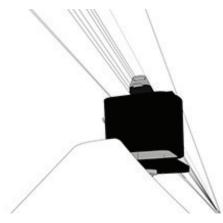
Dimmable LED driver utilises Zigbee 3.0 protocol Compatible with universal Zigbee Hub products such as Philips Hue Samsung Smart Things.

Follow pairing procedure found in smart driver datasheet 2.8K-5.8K CCT (Dayshift) can only be controlled using a SMART driver.

#### Installation



**Step 1** Align the track connector with the track.



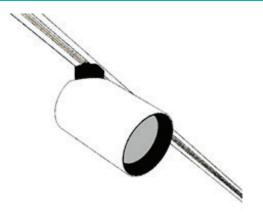
Step 2 Insert the fitting into the track channel.



<sup>\*</sup>For more details please call 1300 672 499 for advice on your installation.



Step 3
Twist the track base in order to lock the fitting into the track channel. The direction of the twist is dependent on where the contact points are in the track.



**Step 4**Once the light is locked into the track, orient the luminaire to focus the light as required.