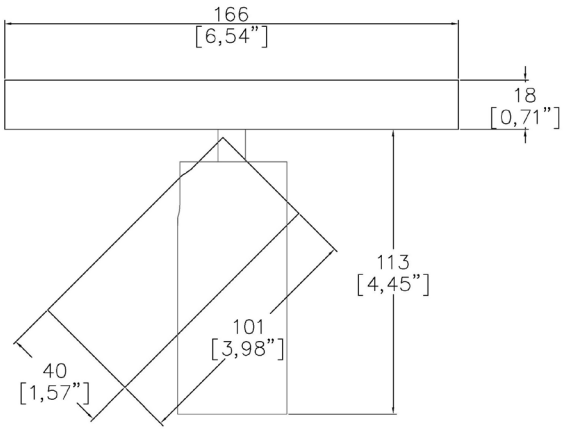
TubeLED Micro Low Voltage Track Adaptor

TubeLED consists of the Nano, Micro, Mini and Midi versions giving a wide range of fixing options, light outputs and beam angles. TubeLED Mini available as SuperSpot version with ultra narrow beam option. TubeLED Mini and Midi available as high output versions. Can be installed in Mains Volt and Low Volt track or surface mounted options.



A6100SS-LED-LVTR

LED Source	LED
CCT	3000K
Drive Current	700mA
Supply Voltage	48v
Power inc Driver	9.5W
Beam Angle	8°
Delivered Lumens	426
Delivered Intensisty cd	11329
Efficacy lm/w	45
Forward Volt	11.5V
CRI	≥90 CRI

Project Ref: _____ Location Ref: _____

Specify fixture part number (All boxes must be filled in to correctly order)

A6100SS-LED					LVTR	

CCT
- **27** 2700K
- **30** 3000K
- **40** 4000K

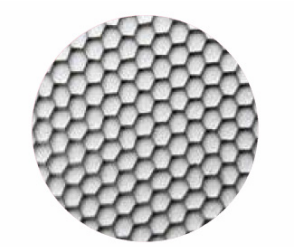
Dimming Protocol
- **S** Non-Dim
- **A** Analogue (0-10V)
- **D** DALI

Color Insert
- **SN** Satin Nickel
- **SG** Satin Gold
- **CP** Copper
- **BZ** Bonze
- **(Blank)** Not required standard black to be supplied

Finish
- **WH** White
- **BK** Black
- **RAL** Custom RAL Finish*

Fixing
- **LVTR** Low Voltage Track Adaptor

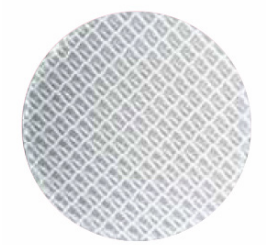
Louvre/Lens
- **XX** Not required
- **LS45-33mm** Honeycomb
- **LSCC-33mm** Warm Tone
- **LSUV-33mm** UV
- **LSDF-33mm** Solite/Diffusing
- **LSFR-33mm** Frosted Lens
- **LSLS-33mm** Linear Spread
- **LSHS-33mm** Heavy Spread



Honeycomb Louvre (LS45-33mm)

Solite/Diffusing Lens (LSDF-33mm)

Frosted Lens (LSFR-33mm)



Heavy Spread Lens (LSHS-33mm)

Linear Spread Lens (LSLS-33mm)

Warm Tone (LSCC-33mm)

Technical Details

*Custom color requires a paint chip or RAL code and may increase price and lead-time

It is the responsibility of the specifier/integrator/installer to check and ensure compatibility of any control equipment used. Additional cabling may be required depending on the dimming protocol specified.

**Bluetooth (wireless) is a communication protocol. The exact dimming protocol must be confirmed to allow the selection of suitable drivers or Bluetooth devices.

***Non specific driver type, dimming performance depending on exact driver used. Contact Lucent Lighting for more information.

^ Depth indicated is the minimum recess depth for the luminaire with a remote mounted LED driver. Installing a driver through either the luminaire cut-out or installation kit may require additional recess depth, please refer to the relevant installation instructions prior to purchase.

First Fix Requirement. Luminaire comprised of fixture body with ceiling trim and installation kit, which is to be fitted into the ceiling once finished. Ensure correct alignment of the installation kit before final assembly (see luminaire installation instructions for details)

Location. Tested from underside of the ceiling.

Data correct at time of publishing. It is the policy of Lucent Lighting to continually review and improve its products and therefore reserve the right to change any details of product or withdraw specifications without prior notice.

This specification sheet supersedes all previous versions.

Please notify Lucent Lighting Inc. inaccuracies. E&OE

lucent®

Light efficiency:

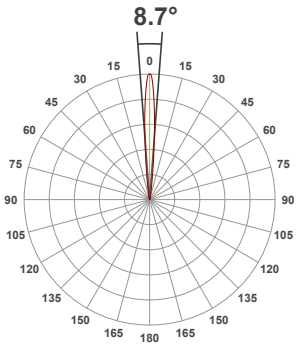
45 Lumen/Watt

Light quality:

CRI: 91.0

Color temperature:

3000 K



Product name:

TubeLED Micro SuperSpot - 3000K 7° 700mA

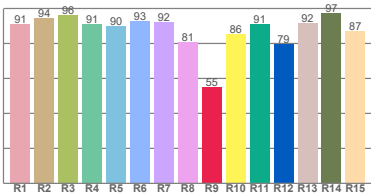
Item number:

6100SS-LED-30-7-700mA

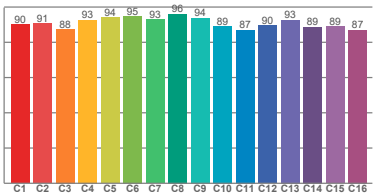
Delivered information for above fixture and LED combination.

Output: 426 Lumen Peak intensity: 11329 cd Power consumption: 9.5

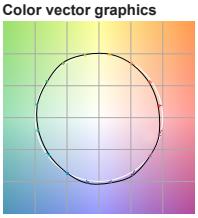
CRI R values



TM30 C Values

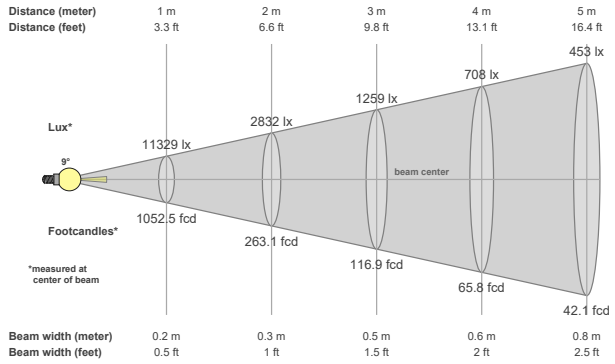


Color vector graphics



Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	91.0	54.8	91.0	99.3	89.4	0.437	0.404	0.251	0.348	0.0001

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
8.7°	17.2°	28.6°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
11329 cd	99.0%	98.4%

Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
11329lx	2832lx	1259lx	708lx	453lx	315lx	231lx	177lx	140lx	113lx	94lx	79lx	67lx	58lx	50lx	44lx	39lx	35lx	31lx	28lx
1052.5fcd	263.1fcd	116.9fcd	65.8fcd	42.1fcd	29.2fcd	21.5fcd	16.4fcd	13fcd	10.5fcd	8.7fcd	7.3fcd	6.2fcd	5.4fcd	4.7fcd	4.1fcd	3.6fcd	3.2fcd	2.9fcd	2.6fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 0.9
4000K = 1.08