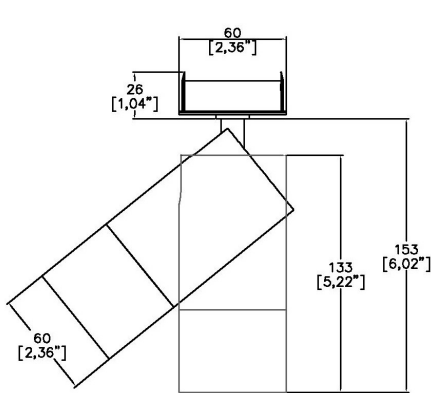


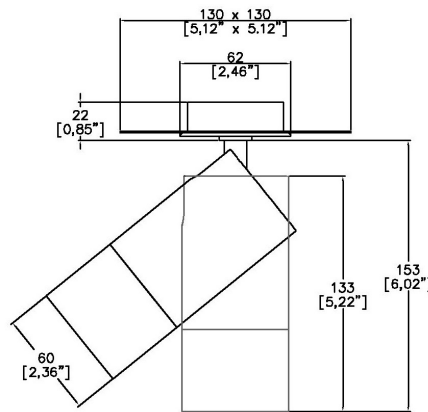
TubeLED Mini WarmDim Monopoint



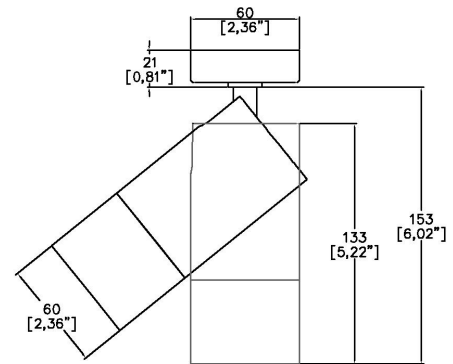
TubeLED consists of the Nano, Micro, Mini and Midi versions giving a wide range of fixing options, light outputs and beam angles. TubeLED Mini available as SuperSpot version with ultra narrow beam option. TubeLED Mini and Midi available as high output versions. Can be installed in Mains Volt and Low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



A7100WD-LED-RMP
Cut out Ø2.24" (57mm)



A7100WD-LED-TMP
Cut out Ø2.24" (57mm)



A7100WD-LED-SMP
Cut out Ø0.59" (15mm)

LED Source	LEDWD	LEDWD
CCT range 3000K - 2000K	3000K	3000K
Drive Current	500mA	500mA
Power inc Driver Max	17.1W	17.1W
Beam Angle	28°	39°
Delivered Lumens	678	767
Delivered Intensity cd	2984	1998
Efficacy lm/w	40	45
Forward Volt	29.1V	29.1V
CRI	≥95 CRI	≥95 CRI

Project Ref: _____

Location Ref: _____

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

A7100WD-LED							
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CCT

2720	2700K - 2000K
3020	3000K - 2000K

Beam Angles

28	28
39	39

Remote Dimming Protocol[^]

P	TRIAC/Phase (120V ONLY) (25-10% Minimum Dimming)***
LP	Lutron Forward Phase 2-Wire (1% Dimming) (120V ONLY)
ESS	EcoSystem 5-Series (5% Dimming)
LHE	EcoSystem Hi-Lume Fade to Black (1% Dimming)
LAE	Lutron 3-Wire Hi-Lume (1% Dimming)
LHP	Lutron Hi-Lume Premier EcoSystem (0.1% Dimming)
A	0-10V (15-5% Minimum Dimming)***
B	Bluetooth**

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*

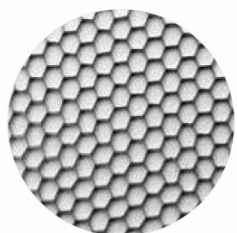
Fixing

RMP	Recessed Monopoint
TMP	Trimless Monopoint
SMP	Surface Monopoint

Louvre/Lens

XX	Not required
MN45	Honeycomb
LLCC	Warm Tone
LLUV	UV
LLDF	Solite/Diffusing
LLFR	Frosted Lens
LLLS	Linear Spread
LLHS	Heavy Spread

[^]To be used with remove driver.



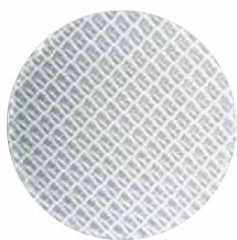
Honeycomb Louvre (MN45)



Solite/Diffusing Lens (LLDF)



Frosted Lens (LLFR)



Heavy Spread Lens (LLHS)



Linear Spread Lens (LLLS)



Warm Tone (LLCC)

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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.

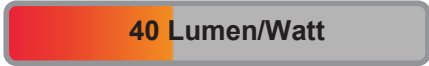
All intellectual property rights pertaining to the product described above and to this document are owned by or licensed to Lucent Lighting, Incorporated. Lucent Lighting reserves the right to take whatever action is necessary to protect its intellectual property, patents and trademarks

Please notify Lucent Lighting Inc. inaccuracies. E&OE

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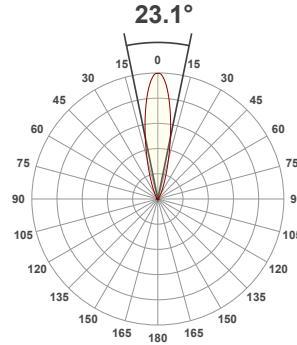
Light efficiency:



Light quality:



Color temperature:



Product name:

**TubeLED Mini WarmDim 3000K
28° 500mA**

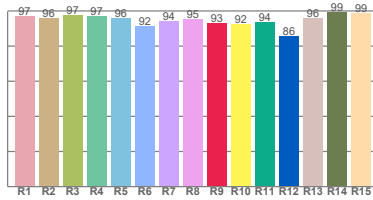
Item number:

7100WD-3020-28-500mA

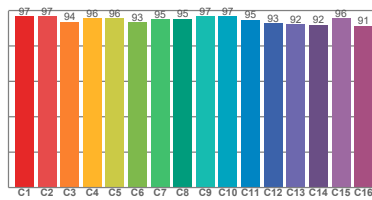
**Delivered information for
above fixture and LED
combination.**

Output: 678 Lumen Peak intensity: 2984 cd Power consumption: 17.1

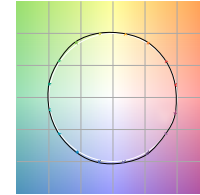
CRI R values



TM30 C Values

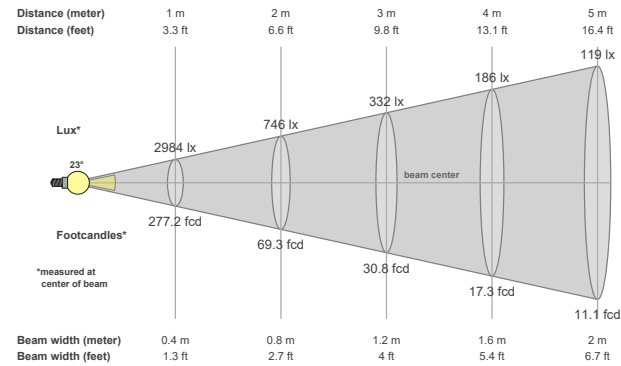


Color vector graphics



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 deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	95.5	93.1	95.0	103.7	93.2	0.437	0.404	0.251	0.348	-0.0059

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
23.1°	47.5°	68.7°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
2984 cd	99.7%	98.5%

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
2984lx	746lx	332lx	186lx	119lx	83lx	61lx	47lx	37lx	30lx	25lx	21lx	18lx	15lx	13lx	12lx	10lx	9lx	8lx	7lx
277.2fcd	69.3fcd	30.8fcd	17.3fcd	11.1fcd	7.7fcd	5.7fcd	4.3fcd	3.4fcd	2.8fcd	2.3fcd	1.9fcd	1.6fcd	1.4fcd	1.2fcd	1.1fcd	1fcd	0.9fcd	0.8fcd	0.7fcd

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 = 0.93

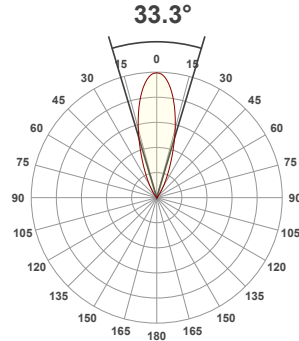
Light efficiency:



Light quality:



Color temperature:



Product name:

**TubeLED Mini WarmDim 3000K
39° 500mA**

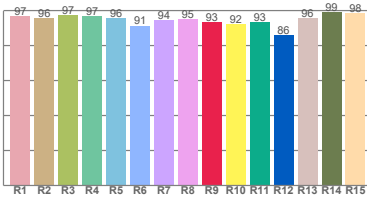
Item number:

7100WD-3020-39-500mA

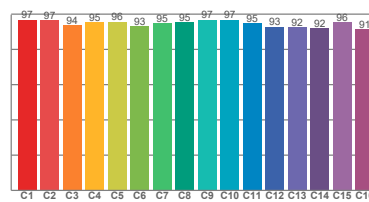
**Delivered information for
above fixture and LED
combination.**

Output: 767 Lumen Peak intensity: 1998 cd Power consumption: 17.1

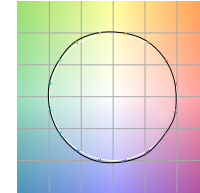
CRI R values



TM30 C Values

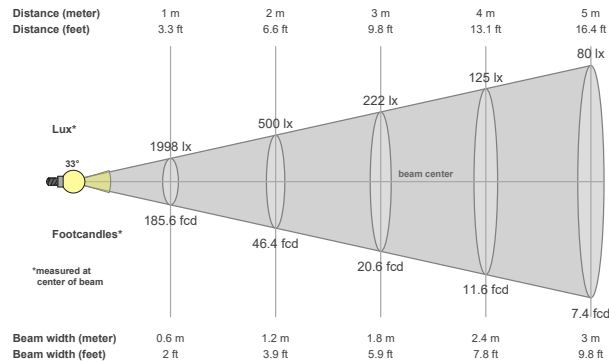


Color vector graphics



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 deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
3000 K	95.4	93.4	95.0	103.8	93.2	0.437	0.404	0.251	0.348	-0.0060

Beam details



Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
33.3°	61.6°	78.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1998 cd	99.8%	98.6%

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
1998lx	500lx	222lx	125lx	80lx	56lx	41lx	31lx	25lx	20lx	17lx	14lx	12lx	10lx	9lx	8lx	7lx	6lx	6lx	5lx
185.6fcd	46.4fcd	20.6fcd	11.6fcd	7.4fcd	5.2fcd	3.8fcd	2.9fcd	2.3fcd	1.9fcd	1.5fcd	1.3fcd	1.1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.6fcd	0.5fcd	0.5fcd

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 = 0.93