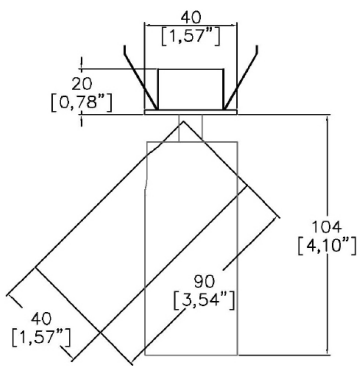


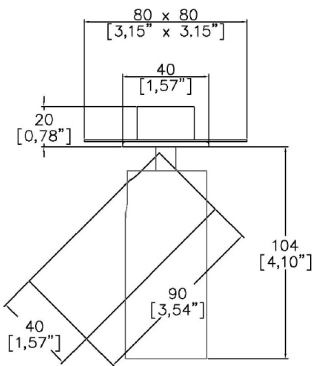
TubeLED Micro Monopoint



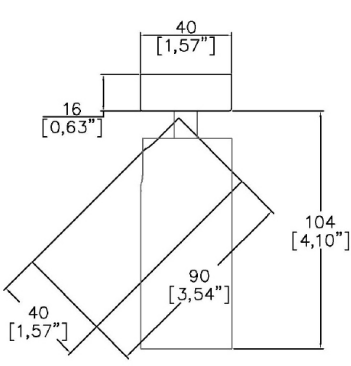
TubeLED consists of the Nano, Micro, Mini and Midi versions giving a wide range of fixing options, light outputs and beam angles. TubeLED Mini available as SuperSpot version with ultra narrow beam option. TubeLED Mini and Midi available as high output versions. Can be installed in Low Volt track or surface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



A6100-LED-RMP
Cut-out 1.38" (35mm) Ø



A6100-LED-TMP
Cut-out 1.38" (35mm) Ø



A6100-LED-SMP
Cut-out 0.47" (12mm) Ø

LED Source	LED	LED	LED
CCT	3000K	3000K	3000K
Drive Current	350mA	350mA	350mA
Power inc Driver	7.4W	7.4W	7.4W
Beam Angle	15°	24°	36°
Delivered Lumens	511	478	439
Delivered Intensisty cd	3478	2348	1344
Efficacy lm/w	69	64	59
Forward Volt	18V	18V	18V
CRI	≥90 CRI	≥90 CRI	≥90 CRI

Project Ref: _____ Location Ref: _____

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

A6100-LED						
-----------	--	--	--	--	--	--

CCT

272700K

303000K

Beam Angles

1515

2424

3636

Color Insert

SN

SG

CP

BZ

(Blank)

Satin Nickel

Satin Gold

Copper

Bonze

Not required standard black to be supplied

Finish

WH

BK

RAL

White

Black

Custom RAL Finish*

Fixing

RMP

TMP

SMP

Recessed Monopoint

Trimless Monopoint

Surface Monopoint

Louvre/Lens

XX

LS45

LSDF

LSFR

LSLS

LSHS

Not required

Honeycomb

Solite/Diffusing

Frosted Lens

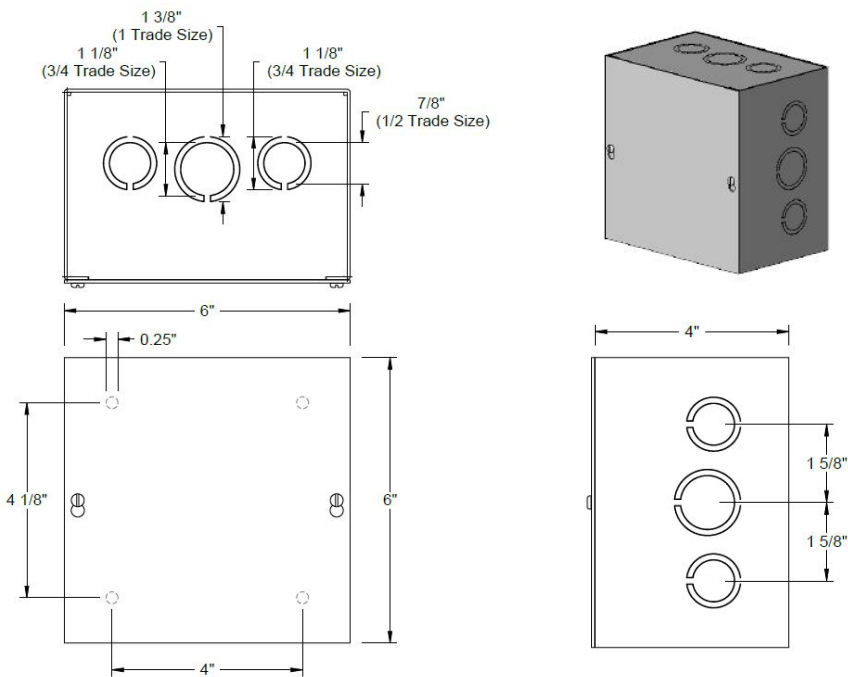
Linear Spread

Heavy Spread

To be used with remove driver.

PSU_ENCLOSURE_UL

Enclosure Details



Factory mounted power supplies in enclosure. Maximum distance 100ft, 16AWG wire. Complies with UL2108.

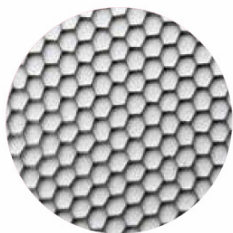
Above enclosure is for the installation of one remote driver, for multiple drivers, the enclosure size will increase.

Please select your driver option from below.

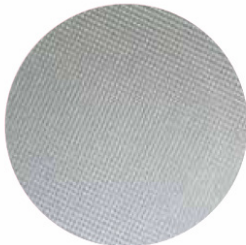
PSU_ENCLOSURE_UL

Dimming Protocol^

- S** Non-Dimmable
- A** 0-10V (15-5% Minimum Dimming)***
- ESD** EldoLED Solo DALI2 (0.1% Dimming)
- EED** EldoLED Eco DALI2 (1% Dimming)
- ESA** EldoLED Solo 0-10V/1-10V (0.1% Dimming)
- EEA** EldoLED Eco 0-10V/1-10V (1% Dimming)
- B** Bluetooth**



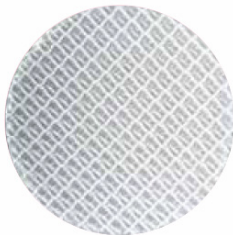
Honeycomb Louvre (LS45)



Solite/Diffusing Lens (LSDF)



Frosted Lens (LSFR)



Heavy Spread Lens (LSHS)



Linear Spread Lens (LSLS)

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. in accuracies. E&OE



Light efficiency:

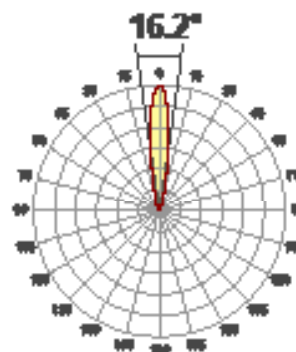
69 Lumen/Watt

Light quality:

CRI: 91.4

Color temperature:

3000 K



Product name:

TubeLED Micro, 3000K, 15°, 350mA

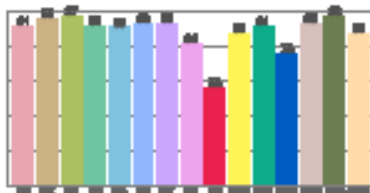
Part number:

6100-LED-930-15-350mA

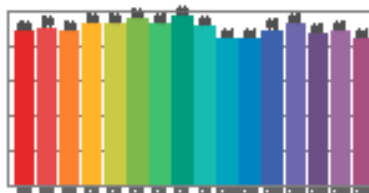
Delivered information for above fixture and LED combination.

Output: 511 Lumen Peak intensity: 3478 cd Power consumption: 7.4

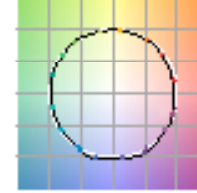
CRI values



TM30-0 Values

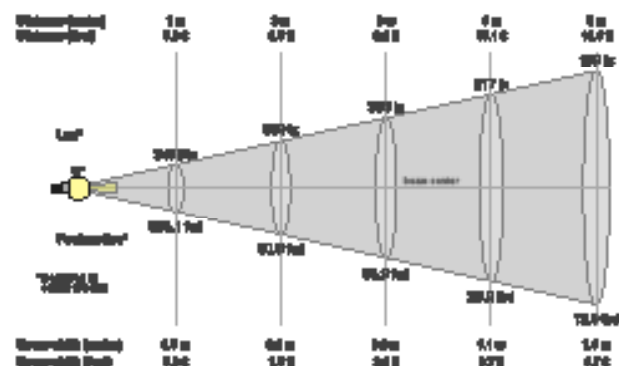


Color vector graphics



Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector
CCT	CRI	CRI R9	TM30-0 R1	TM30-0 R2	CRI	X	Y	u	v	Z
3000 K	91.4	88.2	90.5	90.5	90.5	0.437	0.404	0.247	0.247	0.0007

Beam data



Beam angle

Beam angle 10%	Beam angle 50%	Beam angle 90%
16.2°	16.2°	16.2°

Beam intensity

Peak intensity	Int. ratio to 120° beam	Int. ratio to 90° beam
3478 cd	87.1%	88.8%

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
3478lx	869lx	386lx	217lx	139lx	97lx	71lx	54lx	43lx	35lx	29lx	24lx	21lx	18lx	15lx	14lx	12lx	11lx	10lx	9lx
323.1fc	80.8fc	35.9fc	20.2fc	12.9fc	9fc	6.6fc	5fc	4fc	3.2fc	2.7fc	2.2fc	1.9fc	1.6fc	1.4fc	1.3fc	1.1fc	1fc	0.9fc	0.8fc

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 = 0.941

4000K = 1.065

Light efficiency:

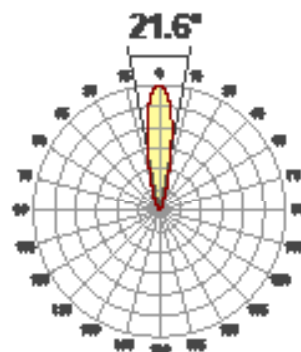
64 Lumen/Watt

Light quality:

CRI: 91.3

Color temperature:

3000 K



Product name:

TubeLED Micro, 3000K, 24", 350mA

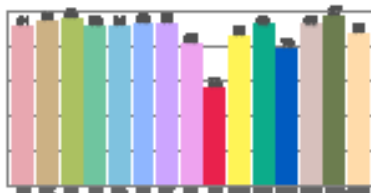
Part number:

6100-LED-930-24-350mA

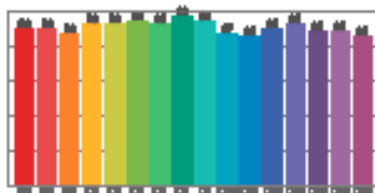
Delivered information for above fixture and LED combination.

Output: 478 Lumen Peak intensity: 2348 cd Power consumption: 7.4

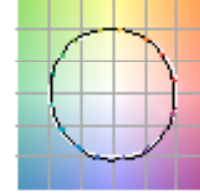
CRI values



TM30-08 Values

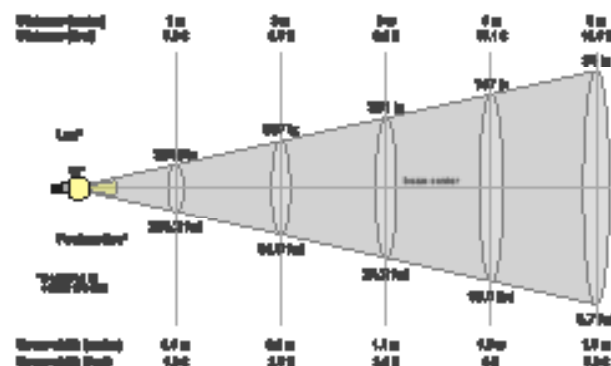


Color vector graphics



Colorimetric	Colorimetric	Reference	Colorimetric	Colorimetric	Colorimetric	Colorimetric	Colorimetric	Colorimetric	Colorimetric	Colorimetric
CCT	CRI	CRI Ra	TM30-08	TM30-08	CQS	X	Y	u	v	Z
3000 K	91.3	88.2	96.8	89.9	88.7	0.437	0.404	0.248	0.247	0.0002

Beam data



Beam angle

Beam angle 50%	Field angle 90%	Cutoff angle 2.4%
21.6°	44.2°	88.2°

Beam intensities

Peak intensity	Int. ratio to 120° beam	Int. ratio to 90° beam
2348 cd	88.4%	88.7%

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
2348lx	587lx	261lx	147lx	94lx	65lx	48lx	37lx	29lx	23lx	19lx	16lx	14lx	12lx	10lx	9lx	8lx	7lx	7lx	6lx
218.2cd	54.5fcd	24.2fcd	13.6fcd	8.7fcd	6.1fcd	4.5fcd	3.4fcd	2.7fcd	2.2fcd	1.8fcd	1.5fcd	1.3fcd	1.1fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	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 = 0.941

4000K = 1.065

Light efficiency:

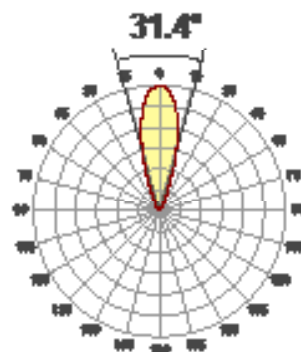
59 Lumen/Watt

Light quality:

CRI: 91.3

Color temperature:

3000 K



Product name:

TubeLED Micro, 3000K, 36", 350mA

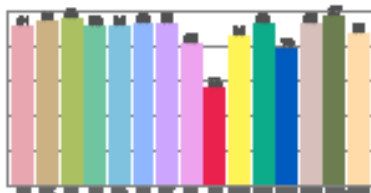
Part number:

6100-LED-930-36-350mA

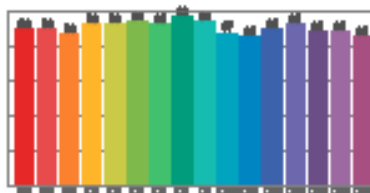
Delivered information for above fixture and LED combination.

Output: 439 Lumen Peak intensity: 1344 cd Power consumption: 7.4

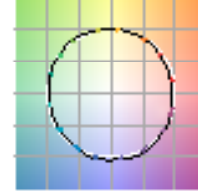
CRI values



TM1903 Values

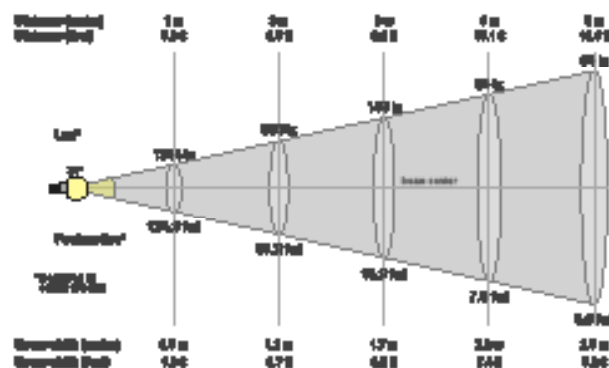


Color vector graphics



Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector	Color vector
CCT	CRI	CRI R9	TM1903 R17	TM1903 R18	CRI	X	Y	Z	u	v
3000 K	91.3	81.3	96.3	99.3	91.3	0.437	0.404	0.248	0.247	0.0001

Beam data



Beam angle

Beam angle 50%	Field angle 50%	Cutoff angle 2.4%
31.4°	64.8°	12.8°

Beam intensities

Peak intensity	Int. ratio to 120° beam	Int. ratio to 90° beam
1344 cd	91.3%	91.3%

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
1344lx	336lx	149lx	84lx	54lx	37lx	27lx	21lx	17lx	13lx	11lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx
124.9cd	31.2cd	13.9cd	7.8cd	5cd	3.5cd	2.5cd	2cd	1.5cd	1.2cd	1cd	0.9cd	0.7cd	0.6cd	0.6cd	0.5cd	0.4cd	0.4cd	0.3cd	0.3cd

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 = 0.941

4000K = 1.065